MOUSER®
ELECTRONICS

A TTI, INC. COMPANY

Catalog 605

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Order Forms:

An order form is not necessary, however, order forms are available for download from our web site.

Returns:

Please contact a Mouser Service Representative to obtain a return authorization number. Returns are normally accepted when completed within 30 days of ship date. (90 days, if product is defective.)

Return Address:

All returns must be shipped to:
Mouser Electronics
958 North Main Street
Mansfield, TX 76063

Incorrect Orders:

Please notify a Mouser Service Representative of any incorrect order within 30 days of ship date. We will immediately correct any error.

Warranty:

Buyer must notify seller within 90 days from date of shipment of any defective product. Seller warrants its products to be free from defects in material and workmanship at the time of shipment under normal use and service. Seller's obligations, with respect to warranty returns, are limited to repair, replacement, or refund of the purchase price actually paid for the product, at Seller's sole option.

This warranty does not extend to any product sold by Seller which has been subjected to misuse, neglect, accident, improper installation, or a use in violation of instructions furnished by Seller or which has been repaired or altered by Buyer or other persons not expressly approved in writing by Seller.

The foregoing warranty is in lieu of any and all other warranties, whether oral, written, express, implied or statutory. Implied warranties of fitness for a particular purpose and merchantability are specifically excluded and shall not apply. Seller's obligations and buyer's remedies with respect to defective or nonconforming products are solely and exclusively as stated herein.

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Seller is not liable for any special, incidental or consequential damages including, but not limited to, damages resulting from loss of profit or revenue, recall costs, claims for service interruptions or failure to supply, downtime, testing, installation or removal costs, costs of substitute products, property damage, personal injury, death, or legal expenses.

Product Application Limitation:

Seller's products are not specifically designed, manufactured or intended for critical use in end products, which are used for nuclear facilities applications, human implantable devices or life support systems. Seller is not liable, in whole or in part, for any claims or damages arising from such use.

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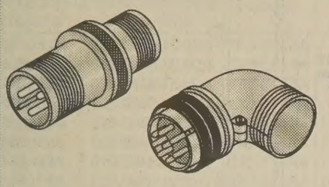
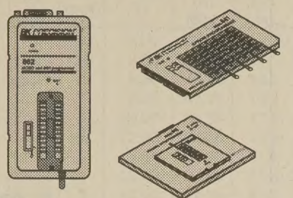
NEW THIS ISSUE NEW THIS ISSUE

Amphenol®



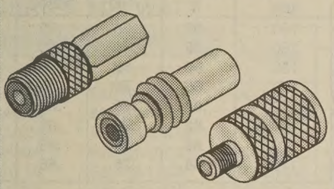
See pages **140-142** for new Circular Connectors

BK PRECISION



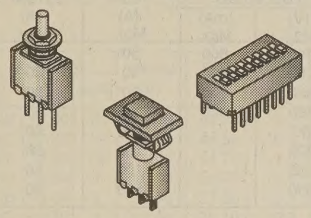
See page **56** for new Programmers & Erasers

CAMBRIDGE PRODUCTS



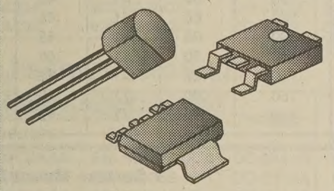
See page **149** for new RF Connectors

C&K®



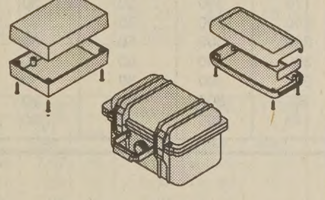
See pages **318 and 320** for new Dip Switches and Slide Switches

ST
STMicroelectronics



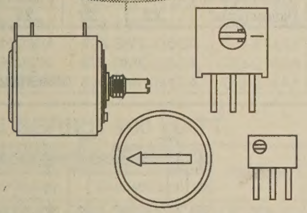
See pages **19** and **20** for new SCR's, Triacs, and Trigger Diodes

SERPAC
Electronic Enclosures



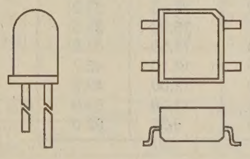
See page **412** for new Cases

BOURNS INC



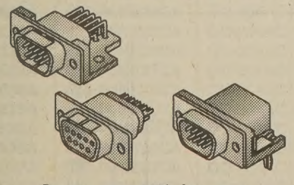
See pages **226** and **228-230** for new Precision Pots and Trimmers

QT OPTOELECTRONICS



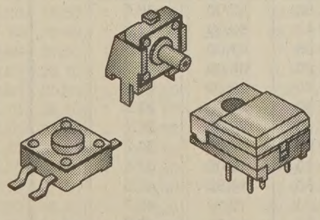
See pages **70** and **71** for new LED's

SPECTRUM CONTROL INC.



See page **159** for new Filtered D-Sub Connectors

E-SWITCH®



See page **324** for new Push Buttons and Tactile Switches

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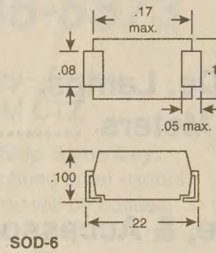
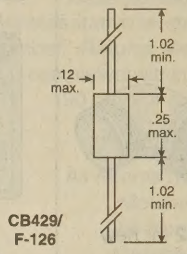
STMicroelectronics

Surge Protection Devices

DIMENSIONS (IN.)





CROWBAR TYPE PROTECTION DIODES SMD

♦ Surface Mount Device

For quantities greater than listed, call for quote.

	Replaces Teccor	MOUSER STOCK NO.	Package	VBR @ IR		VBO @ IBO		IPP	ITSM	IH	Price Each			
				(V) Min.	(mA) Min.	(V) Max.	(mA) Max.	(A) Max.	(A) Max.	(mA) Min.	1	100	500	1000
♦	P2300SA	511-SMTPA180	SOD-6	180	1	240	800	50	30	150	.66	.56	.50	.46
♦	- - - - -	511-SMTPA220	SOD-6	220	1	293	800	50	30	150	.66	.56	.50	.46
♦	P3100SA	511-SMTPA240	SOD-6	240	1	320	800	50	30	150	.66	.56	.50	.46
♦	P3500SA	511-SMTPA270	SOD-6	270	1	360	800	50	30	150	.66	.56	.50	.46
♦	P0800SA	511-SMP100-65	SOD-6	65	.05	80	- - -	100	50	170	.88	.75	.66	.61
♦	- - - - -	511-SMP100-140	SOD-6	140	.05	200	- - -	100	50	170	.88	.75	.66	.61
♦	P2300SB	511-SMP100-200	SOD-6	200	.05	265	- - -	100	50	170	.88	.75	.66	.61
♦	P3100SB	511-SMP100-270	SOD-6	270	.05	350	- - -	100	50	170	.88	.75	.66	.61

CROWBAR TYPE PROTECTION DIODES

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Package	VBR @ IR		VBO @ IBO		IPP	ITSM	IH	Price Each			
			(V) Min.	(mA) Min.	(V) Max.	(mA) Max.	(A) Max.	(A) Max.	(mA) Min.	1	100	500	1000
P640EA70	511-TPA62	F-126	62	1	82	300	50	30	150	.48	.41	.36	.33
P720EA70	511-TPA68A18	F-126	68	1	90	300	50	30	180	.52	.44	.39	.36
P1500EA70	511-TPA120A18	F-126	120	1	160	300	50	30	180	.52	.44	.39	.36
P1500EA70	511-TPA130A18	F-126	130	1	173	300	50	30	180	.60	.51	.45	.42
P2300EA70	511-TPA180A18	F-126	180	1	240	300	50	30	180	.60	.51	.45	.42
P2600EA70	511-TPA220A18	F-126	220	1	293	300	50	30	180	.60	.51	.45	.42
P3000AA61	511-TPA240A18	F-126	240	1	320	300	50	30	180	.60	.51	.45	.42
P3100EA70	511-TPA270	F-126	270	1	360	300	50	30	150	.48	.41	.36	.33
- - - - -	511-TPB62	CB429	62	1	82	800	100	30	150	.90	.77	.68	.63
- - - - -	511-TPB130	CB429	130	1	173	800	100	30	150	.90	.77	.68	.63

TRANSIENT VOLTAGE SUPPRESSORS

♦ Surface Mount Device

SM6T Series 600 Watt SMD

	MOUSER STOCK NO.		Package	VBR @ It			VRWM	IRSM	VRSM
	Unidirectional	Bidirectional		(V) Min.	(V) Max.	(mA)	(V)	(A) Max.	(V) Max.
♦	511-SM6T6V8A	511-SM6T6V8CA	SOD-6	6.45	7.14	10	5.80	57.00	10.5
♦	511-SM6T7V5A	511-SM6T7V5CA	SOD-6	7.13	7.88	10	6.40	53.00	11.3
♦	511-SM6T10A	511-SM6T10CA	SOD-6	9.50	10.50	1	8.55	41.00	14.5
♦	511-SM6T15A	511-SM6T15CA	SOD-6	14.30	15.80	1	12.80	28.00	21.2
♦	511-SM6T18A	511-SM6T18CA	SOD-6	17.10	18.90	1	15.30	24.00	25.2
♦	511-SM6T24A	511-SM6T24CA	SOD-6	22.80	25.20	1	20.50	18.00	33.2
♦	511-SM6T27A	511-SM6T27CA	SOD-6	25.70	28.40	1	23.10	16.00	37.5
♦	511-SM6T30A	511-SM6T30CA	SOD-6	28.50	31.50	1	25.60	14.50	41.5
♦	511-SM6T33A	511-SM6T33CA	SOD-6	31.40	34.70	1	28.20	13.10	45.7
♦	511-SM6T36A	511-SM6T36CA	SOD-6	34.20	37.80	1	30.80	12.00	49.9
♦	511-SM6T39A	511-SM6T39CA	SOD-6	37.10	41.00	1	33.30	11.10	53.9
♦	511-SM6T68A	511-SM6T68CA	SOD-6	64.60	71.40	1	58.10	6.50	92.0

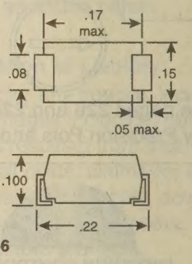
For quantities greater than listed, call for quote.

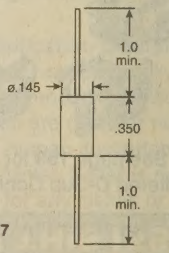
Series	Type	Price Each			
		1	100	500	1000
SM6T	Unidirectional	.48	.41	.36	.33
SM6T	Bidirectional	.48	.41	.36	.33
P6KE	Unidirectional	.32	.27	.24	.22
P6KE	Bidirectional	.32	.27	.24	.22

P6KE Series 600 Watt

MOUSER STOCK NO.		Package	VBR @ It			VRWM	IRSM	VRSM
Unidirectional	Bidirectional		(V) Min.	(V) Max.	(mA)	(V)	(A) Max.	(V) Max.
511-P6KE6V8A	511-P6KE6V8CA	CB417	6.45	7.14	10	5.80	57.00	10.5
511-P6KE7V5A	511-P6KE7V5CA	CB417	7.13	7.88	10	6.40	53.00	11.3
511-P6KE10A	- - - - - - - - - - -	CB417	9.50	10.50	1	8.55	41.00	14.5
511-P6KE12A	511-P6KE12CA	CB417	11.40	12.60	1	10.20	36.00	16.7
511-P6KE15A	511-P6KE15CA	CB417	14.30	15.80	1	12.80	28.00	21.2
511-P6KE18A	511-P6KE18CA	CB417	17.10	18.90	1	15.30	24.00	25.2
511-P6KE20A	- - - - - - - - - - -	CB417	19.00	21.00	1	17.10	22.00	27.7
511-P6KE24A	- - - - - - - - - - -	CB417	22.80	25.20	1	20.50	18.00	33.2
511-P6KE27A	511-P6KE27CA	CB417	25.70	28.40	1	23.10	16.00	37.5
511-P6KE30A	511-P6KE30CA	CB417	28.50	31.50	1	25.60	14.50	41.5
511-P6KE33A	511-P6KE33CA	CB417	31.40	34.70	1	28.20	13.10	45.7
511-P6KE36A	511-P6KE36CA	CB417	34.20	37.80	1	30.80	12.00	49.9
511-P6KE39A	511-P6KE39CA	CB417	37.10	41.00	1	33.30	11.10	53.9
511-P6KE68A	511-P6KE68CA	CB417	64.60	71.40	1	58.10	6.50	92.0
511-P6KE150A	- - - - - - - - - - -	CB417	143.00	158.00	1	128.00	2.90	207.0
511-P6KE200A	511-P6KE200CA	CB417	190.00	210.00	1	171.00	2.20	274.0
- - - - - - - - - -	511-P6KE220CA	CB417	209.00	231.00	1	188.00	2.00	328.0

DIMENSIONS (IN.)





TRANSZORB® Transient Voltage Suppressors

SMBJ SERIES 600 WATT SMD

◆ Surface Mount Device

MOUSER STOCK NO.		Package	VBR @ It			VRWM	IRSM	VRSM
Unidirectional	Bidirectional		(V) Min.	(V) Max.	(mA)	(V)	(A) Max.	(V) Max.
◆ 625-SMBJ5.0A	625-SMBJ5.0CA	DO-214AA	6.40	7.07	10	5.00	65.20	9.2
◆ 625-SMBJ6.5A	625-SMBJ6.5CA	DO-214AA	7.78	8.60	10	7.00	50.00	12.0
◆ 625-SMBJ7.5A	625-SMBJ7.5CA	DO-214AA	8.33	9.21	1	7.50	46.50	12.9
◆ 625-SMBJ8.5A	625-SMBJ8.5CA	DO-214AA	9.44	10.40	1	8.50	41.70	14.4
◆ 625-SMBJ10A	625-SMBJ10CA	DO-214AA	11.10	12.30	1	10.00	35.30	17.0
◆ 625-SMBJ12A	625-SMBJ12CA	DO-214AA	13.30	14.70	1	12.00	30.20	19.9
◆ 625-SMBJ13A	625-SMBJ13CA	DO-214AA	14.40	15.90	1	13.00	27.90	21.5
◆ 625-SMBJ15A	625-SMBJ15CA	DO-214AA	16.70	18.50	1	15.00	24.60	24.4
◆ 625-SMBJ17A	625-SMBJ17CA	DO-214AA	18.90	20.90	1	17.00	21.70	27.6
◆ 625-SMBJ18A	625-SMBJ18CA	DO-214AA	20.00	22.10	1	18.00	20.50	29.2
◆ 625-SMBJ20A	625-SMBJ20CA	DO-214AA	22.20	24.50	1	20.00	18.50	32.4
◆ 625-SMBJ22A	625-SMBJ22CA	DO-214AA	24.40	26.90	1	22.00	16.90	35.5
◆ 625-SMBJ24A	625-SMBJ24CA	DO-214AA	26.70	29.50	1	24.00	15.40	38.9
◆ 625-SMBJ26A	625-SMBJ26CA	DO-214AA	28.90	31.90	1	26.00	14.30	42.1
◆ 625-SMBJ33A	625-SMBJ33CA	DO-214AA	36.70	40.60	1	33.00	11.30	53.3
◆ 625-SMBJ36A	625-SMBJ36CA	DO-214AA	40.00	44.20	1	36.00	10.30	58.1

SA SERIES 500 WATT

MOUSER STOCK NO.		Package	VBR @ It			VRWM	IRSM	VRSM
Unidirectional	Bidirectional		(V) Min.	(V) Max.	(mA)	(V)	(A) Max.	(V) Max.
625-SA5.0A	625-SA5.0CA	DO-204AC	6.40	7.00	10	5.00	54.30	9.2
625-SA6.0A	625-SA6.0CA	DO-204AC	6.67	7.37	10	6.00	48.50	10.3
625-SA6.5A	625-SA6.5CA	DO-204AC	7.22	7.98	10	6.50	44.70	11.2
625-SA10A	625-SA10CA	DO-204AC	11.10	12.30	1	10.00	29.40	17.0
625-SA11A	625-SA11CA	DO-204AC	12.20	13.50	1	11.00	27.50	18.2
625-SA12A	625-SA12CA	DO-204AC	13.30	14.70	1	12.00	25.10	19.9
625-SA13A	625-SA13CA	DO-204AC	14.40	15.90	1	13.00	23.30	21.5
625-SA15A	625-SA15CA	DO-204AC	16.70	18.50	1	15.00	20.50	24.4
625-SA20A	625-SA20CA	DO-204AC	22.20	24.50	1	20.00	15.40	32.4
625-SA22A	625-SA22CA	DO-204AC	24.40	26.90	1	22.00	14.10	35.5
625-SA24A	625-SA24CA	DO-204AC	26.70	29.50	1	24.00	12.90	38.9
625-SA28A	625-SA28CA	DO-204AC	31.10	34.40	1	28.00	11.00	45.4
625-SA30A	625-SA30CA	DO-204AC	33.30	36.80	1	30.00	10.00	48.4
625-SA33A	625-SA33CA	DO-204AC	36.70	40.60	1	33.00	9.40	53.3
625-SA36A	625-SA36CA	DO-204AC	40.00	44.20	1	36.00	8.60	58.1
625-SA75A	625-SA75CA	DO-204AC	83.30	92.10	1	75.00	4.10	121.0

SMCJ SERIES 1500 WATT

MOUSER STOCK NO.		Package	VBR @ It			VRWM	IRSM	VRSM
Unidirectional	Bidirectional		(V) Min.	(V) Max.	(mA)	(V)	(A) Max.	(V) Max.
◆ 625-SMCJ5.0A	625-SMCJ5.0CA	DO-214AA	6.40	7.07	10	5.00	163.00	9.2
◆ 625-SMCJ6.0A	625-SMCJ6.0CA	DO-214AA	6.67	7.37	10	6.00	145.60	10.3
◆ 625-SMCJ6.5A	625-SMCJ6.5CA	DO-214AA	7.22	7.98	10	6.50	133.90	11.2
◆ 625-SMCJ7.5A	625-SMCJ7.5CA	DO-214AA	8.33	9.21	1	7.50	116.30	12.9
◆ 625-SMCJ8.5A	625-SMCJ8.5CA	DO-214AA	9.44	10.40	1	8.50	104.20	14.4
◆ 625-SMCJ10A	625-SMCJ10CA	DO-214AA	11.10	12.30	1	10.00	88.20	17.0
◆ 625-SMCJ12A	625-SMCJ12CA	DO-214AA	13.30	14.70	1	12.00	75.40	19.9
◆ 625-SMCJ15A	625-SMCJ15CA	DO-214AA	16.70	18.50	1	15.00	61.50	24.4
◆ 625-SMCJ18A	625-SMCJ18CA	DO-214AA	20.00	22.10	1	18.00	51.40	29.2
◆ 625-SMCJ20A	625-SMCJ20CA	DO-214AA	22.20	24.50	1	20.00	46.30	32.4
◆ 625-SMCJ24A	625-SMCJ24CA	DO-214AA	26.70	29.50	1	24.00	38.60	38.9
◆ 625-SMCJ28A	625-SMCJ28CA	DO-214AA	31.10	34.40	1	28.00	33.00	45.4
◆ 625-SMCJ30A	625-SMCJ30CA	DO-214AA	33.30	36.80	1	30.00	31.00	48.4
◆ 625-SMCJ33A	625-SMCJ33CA	DO-214AA	36.70	40.60	1	33.00	28.10	53.3
◆ 625-SMCJ36A	625-SMCJ36CA	DO-214AA	40.00	44.20	1	36.00	25.80	58.1

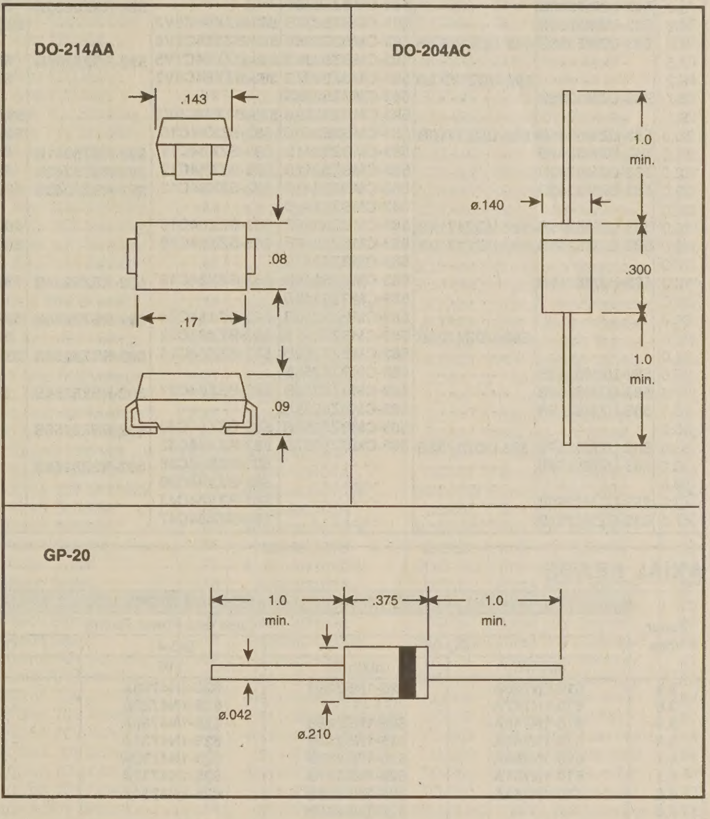
P6KE SERIES 600 WATT

MOUSER STOCK NO.		Package	VBR @ It			VRWM	IRSM	VRSM
Unidirectional	Bidirectional		(V) Min.	(V) Max.	(mA)	(V)	(A) Max.	(V) Max.
625-P6KE6.8A	625-P6KE6.8CA	DO-204AC	6.45	7.14	10	5.80	57.10	10.5
625-P6KE7.5A	625-P6KE7.5CA	DO-204AC	7.13	7.88	1	6.40	53.10	11.3
625-P6KE8.2A	625-P6KE8.2CA	DO-204AC	7.79	8.61	1	7.02	49.60	12.1
625-P6KE9.1A	625-P6KE9.1CA	DO-204AC	8.65	9.55	1	7.78	44.80	13.4
625-P6KE10A	625-P6KE10CA	DO-204AC	9.50	10.50	1	8.55	41.40	14.5
625-P6KE12A	625-P6KE12CA	DO-204AC	11.40	12.60	1	10.20	35.90	16.7
625-P6KE13A	625-P6KE13CA	DO-204AC	12.40	13.70	1	11.10	33.00	18.2
625-P6KE15A	625-P6KE15CA	DO-204AC	14.30	15.80	1	12.80	28.30	21.2
625-P6KE16A	625-P6KE16CA	DO-204AC	15.20	16.80	1	13.60	26.70	22.5
625-P6KE18A	625-P6KE18CA	DO-204AC	17.10	18.90	1	15.30	23.80	25.2
625-P6KE20A	625-P6KE20CA	DO-204AC	19.00	21.00	1	17.10	21.70	27.7
625-P6KE22A	625-P6KE22CA	DO-204AC	20.90	23.10	1	18.80	19.60	30.6
625-P6KE24A	625-P6KE24CA	DO-204AC	22.80	25.20	1	20.50	18.10	33.2
625-P6KE27A	625-P6KE27CA	DO-204AC	25.70	28.40	1	23.10	16.00	37.5
625-P6KE30A	625-P6KE30CA	DO-204AC	28.50	31.50	1	25.60	14.50	41.4
625-P6KE33A	625-P6KE33CA	DO-204AC	31.40	34.70	1	28.20	13.10	45.7
625-P6KE36A	625-P6KE36CA	DO-204AC	34.20	37.80	1	30.80	12.00	49.9
625-P6KE39A	625-P6KE39CA	DO-204AC	37.10	41.00	1	33.30	11.10	53.9
625-P6KE47A	625-P6KE47CA	DO-204AC	44.70	49.40	1	40.20	9.30	64.8
625-P6KE51A	625-P6KE51CA	DO-204AC	48.50	53.60	1	43.60	8.60	70.1
625-P6KE68A	625-P6KE68CA	DO-204AC	64.60	71.40	1	58.10	6.50	92.0
625-P6KE100A	625-P6KE100CA	DO-204AC	95.00	105.00	1	85.50	4.40	137.0
625-P6KE150A	625-P6KE150CA	DO-204AC	143.00	158.00	1	128.00	2.90	207.0
625-P6KE200A	625-P6KE200CA	DO-204AC	190.00	210.00	1	171.00	2.20	274.0
625-P6KE220A	625-P6KE220CA	DO-204AC	209.00	231.00	1	185.00	1.80	328.0

For quantities greater than listed, call for quote.

Series	Type	Price Each			
		1	100	500	1000
SMBJ	Unidirectional	.50	.37	.32	.29
SMBJ	Bidirectional	.53	.39	.34	.31
SMCJ	Unidirectional	1.02	.76	.73	.59
SMCJ	Bidirectional	1.27	.94	.90	.74
SA	Unidirectional	.33	.25	.22	.20
SA	Bidirectional	.36	.28	.24	.22
P6KE	Unidirectional	.33	.25	.22	.20
P6KE	Bidirectional	.39	.29	.25	.23
1.5KE	Unidirectional	.59	.45	.39	.35
1.5KE	Bidirectional	.71	.53	.46	.41

DIMENSIONS (IN.)



1.5KE SERIES 1500 WATT

MOUSER STOCK NO.		Package	VBR @ It			VRWM	IRSM	VRSM
Unidirectional	Bidirectional		(V) Min.	(V) Max.	(mA)	(V)	(A) Max.	(V) Max.
625-1.5KE6.8A	625-1.5KE6.8CA	GP-20	6.45	7.14	10	5.80	143.00	10.5
625-1.5KE7.5A	625-1.5KE7.5CA	GP-20	7.13	7.88	10	6.40	133.00	11.3
625-1.5KE8.2A	625-1.5KE8.2CA	GP-20	7.79	8.61	10	7.02	124.00	12.1
625-1.5KE9.1A	625-1.5KE9.1CA	GP-20	8.65	9.55	1	7.78	112.00	13.4
625-1.5KE10A	625-1.5KE10CA	GP-20	9.50	10.50	1	8.55	103.00	14.5
625-1.5KE12A	625-1.5KE12CA	GP-20	11.40	12.60	1	10.20	89.80	16.7
625-1.5KE13A	625-1.5KE13CA	GP-20	12.40	13.70	1	11.10	82.40	18.2
625-1.5KE15A	625-1.5KE15CA	GP-20	14.30	15.80	1	12.80	70.80	21.2
625-1.5KE16A	625-1.5KE16CA	GP-20	15.20	16.80	1	13.60	66.70	22.5
625-1.5KE18A	625-1.5KE18CA	GP-20	17.10	18.90	1	15.30	59.50	26.2
625-1.5KE20A	625-1.5KE20CA	GP-20	19.00	21.00	1	17.10	54.20	27.7
625-1.5KE22A	625-1.5KE22CA	GP-20	20.90	23.10	1	18.80	49.00	30.6
625-1.5KE24A	625-1.5KE24CA	GP-20	22.80	25.20	1	20.50	45.20	33.2
625-1.5KE27A	625-1.5KE27CA	GP-20	25.70	28.40	1	23.10	40.00	37.5
625-1.5KE30A	625-1.5KE30CA	GP-20	28.50	31.50	1	25.60	36.20	41.4
625-1.5KE33A	625-1.5KE33CA	GP-20	31.40	34.70	1	28.20	32.80	45.7
625-1.5KE36A	625-1.5KE36CA	GP-20	34.20	37.80	1	30.80	30.10	49.9
625-1.5KE39A	625-1.5KE39CA	GP-20	37.10	41.00	1	33.30	27.80	53.9
625-1.5KE51A	625-1.5KE51CA	GP-20	48.50	53.60	1	43.60	21.40	70.1
625-1.5KE62A	625-1.5KE62CA	GP-20	58.90	65.10	1	53.00	17.60	85.0
625-1.5KE68A	625-1.5KE68CA	GP-20	64.60	71.40	1	58.10	16.30	92.0
625-1.5KE100A	625-1.5KE100CA	GP-20	95.00	105.00	1	85.50	10.90	137.0
625-1.5KE120A	625-1.5KE120CA	GP-20	114.00	126.00	1	102.00	9.10	165.0
625-1.5KE150A	625-1.5KE150CA	GP-20	143.00	158.00	1	128.00	7.20	207.0
625-1.5KE180A	625-1.5KE180CA	GP-20	171.00	189.00	1	154.00	6.10	246.0
625-1.5KE200A	625-1.5KE200CA	GP-20	190.00	210.00	1	171.00	5.50	274.0
625-1.5KE220A	625-1.5KE220CA	GP-20	209.00	231.00	1	185.00	4.60	328.0
625-1.5KE300A	625-1.5KE300CA	GP-20	285.00	315.00	1	256.00	3.60	414.0

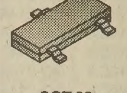
Zener Diodes

General Semiconductor® RECTRON Central™ Semiconductor Corp.

SURFACE MOUNT DEVICES

Zener Volts	MOUSER STOCK NO.							
	Case and Power Rating							
	SOT-23	SOD-323	SOT-23	SOT-23	SOT-23	LL-34	SM-1	PSM
	200mW	200mW	300mW	300mW	400mW	500mW	1W	1W
2.4	-------	592-UDZ172.4B	-------	-------	-------	-------	-------	-------
2.5	583-UZM5222B	-------	-------	-------	592-RSZ5222B	-------	-------	-------
2.7	-------	-------	-------	-------	592-RSZ5223B	-------	-------	-------
2.8	583-UZM5224B	-------	-------	-------	592-RSZ5224B	-------	-------	-------
3.0	583-UZM5225B	592-UDZ173.0B	-------	-------	-------	-------	-------	-------
3.3	583-UZM5226B	-------	-------	583-BZX84C3V3	592-RSZ5226B	-------	-------	-------
3.6	583-UZM5227B	-------	-------	583-BZX84C3V6	592-RSZ5227B	-------	-------	592-PTZ253.6
3.9	583-UZM5228B	-------	-------	583-BZX84C3V9	592-RSZ5228B	-------	625-ZM4730A	592-PTZ253.9
4.3	583-UZM5229B	592-UDZ174.3B	-------	583-BZX84C4V3	-------	-------	610-CLL4731A	592-PTZ254.3
4.7	583-UZM5230B	592-UDZ174.7B	-------	583-BZX84C4V7	-------	-------	625-ZM4732A	592-PTZ254.7
5.1	583-UZM5231B	592-UDZ175.1B	583-CMBZ5231B	625-BZX84C5V1	-------	592-RLZTE115.1B	610-CLL4733A	592-PTZ255.1
5.6	583-UZM5232B	592-UDZ175.6B	583-CMBZ5232B	583-BZX84C5V6	-------	592-RLZTE115.6B	625-ZM4734A	592-PTZ255.6
6.0	583-UZM5233B	-------	583-CMBZ5233B	-------	592-RSZ5233B	592-RLZ5233B	-------	-------
6.2	583-UZM5234B	-------	583-CMBZ5234B	583-BZX84C6V2	-------	592-RLZTE116.8B	610-CLL4735A	592-PTZ256.2
6.8	583-UZM5235B	592-UDZ176.8B	583-CMBZ5235B	583-BZX84C6V8	-------	-------	610-CLL4736A	592-PTZ256.8
7.5	-------	-------	583-CMBZ5236B	583-BZX84C7V5	592-RSZ5236B	592-RLZ5236B	625-ZM4737A	-------
8.2	-------	592-UDZ178.2B	583-CMBZ5237B	583-BZX84C8V2	-------	592-RLZ5237B	625-ZM4738A	592-PTZ258.2
8.7	583-UZM5238B	-------	583-CMBZ5238B	-------	-------	-------	-------	-------
9.1	-------	-------	583-CMBZ5239B	583-BZX84C9V1	-------	592-RLZTE118.7B	625-ZM4739A	592-PTZ259.1
10.0	583-UZM5240B	592-UDZ1710B	583-CMBZ5240B	583-BZX84C10	-------	592-RLZTE1110B	625-ZM4740A	592-PTZ2510
11.0	583-UZM5241B	-------	583-CMBZ5241B	583-BZX84C11	592-RSZ5241B	592-RLZ5241B	625-ZM4741A	592-PTZ2511
12.0	583-UZM5242B	-------	583-CMBZ5242B	625-BZX84C12	592-RSZ5242B	592-RLZ5242B	610-CLL4742A	592-PTZ2512
13.0	583-UZM5243B	-------	583-CMBZ5243B	583-BZX84C13	592-RSZ5243B	592-RLZTE1113B	625-ZM4743A	592-PTZ2513
14.0	-------	-------	583-CMBZ5244B	-------	-------	-------	-------	-------
15.0	583-UZM5245B	592-UDZ1715B	583-CMBZ5245B	583-BZX84C15	-------	592-RLZTE1115B	625-ZM4744A	592-PTZ2515
16.0	583-UZM5246B	592-UDZ1716B	583-CMBZ5246B	583-BZX84C16	-------	592-RLZTE1116B	610-CLL4745A	592-PTZ2516
17.0	-------	-------	583-CMBZ5247B	-------	-------	-------	-------	-------
18.0	583-UZM5248B	-------	583-CMBZ5248B	583-BZX84C18	592-RSZ5248B	592-RLZTE1118B	625-ZM4746A	592-PTZ2518
19.0	-------	-------	583-CMBZ5249B	-------	-------	-------	-------	-------
20.0	-------	-------	583-CMBZ5250B	583-BZX84C20	592-RSZ5250B	592-RLZTE1120B	625-ZM4747A	592-PTZ2520
22.0	-------	592-UDZ1722B	583-CMBZ5251B	583-BZX84C22	-------	592-RLZ5251B	625-ZM4748A	592-PTZ2522
24.0	-------	-------	583-CMBZ5252B	583-BZX84C24	592-RSZ5252B	592-RLZTE1124B	625-ZM4749A	592-PTZ2524
25.0	583-UZM5253B	-------	583-CMBZ5253B	-------	-------	-------	-------	-------
27.0	583-UZM5254B	-------	583-CMBZ5254B	583-BZX84C27	592-RSZ5254B	592-RLZ5254B	625-ZM4750A	592-PTZ2527
28.0	583-UZM5255B	-------	583-CMBZ5255B	-------	-------	-------	-------	-------
30.0	-------	-------	583-CMBZ5256B	583-BZX84C30	592-RSZ5256B	-------	333-ZM4751A	592-PTZ2530
33.0	583-UZM5257B	592-UDZ1733B	583-CMBZ5257B	583-BZX84C33	-------	-------	625-ZM4752A	592-PTZ2533
36.0	583-UZM5258B	-------	-------	583-BZX84C36	592-RSZ5258B	-------	-------	592-PTZ2536
39.0	-------	-------	-------	583-BZX84C39	-------	-------	-------	592-PTZ2539
43.0	583-UZM5260B	-------	-------	583-BZX84C43	-------	-------	-------	592-PTZ2543
47.0	583-UZM5261B	-------	-------	583-BZX84C47	-------	-------	-------	-------

Manufacturer	Prefix
Central Semiconductor	610
General Semiconductor	625
Rectron	583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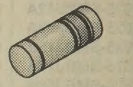
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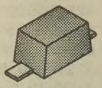
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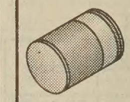
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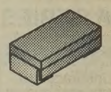
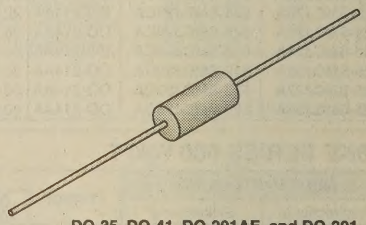

PSM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each			
	1	100	500	1000
583-UZM5200 Series	.29	.18	.14	.10
592-UDZ1700 Series	.12	.086	.066	.055
583-CMBZ5200 Series	.16	.13	.095	.07
583-BZX84C Series	.20	.15	.12	.085
625-BZX84C Series	.16	.11	.086	.061
592-RSZ5200 Series	.14	.11	.082	.067
592-RLZ5200 Series	.10	.075	.058	.048
592-RLZTE Series	.08	.062	.048	.039
333-ZM4700 Series	.36	.29	.23	.18
610-CLL4700 Series	.32	.26	.22	.18
625-ZM4700 Series	.32	.26	.22	.18
592-PTZ2500 Series	.31	.22	.17	.14

AXIAL LEADS

Zener Volts	MOUSER STOCK NO.				
	Case and Power Rating				
	DO-35		DO-41	DO-201	DO-201AE
	500mW	500mW	1W	5W	5W
3.3	610-1N746A	625-1N5226B	625-1N4728A	------	-------
3.6	610-1N747A	-------	625-1N4729A	------	610-1N5334B
3.9	610-1N748A	625-1N5228B	625-1N4730A	------	-------
4.3	610-1N749A	625-1N5229B	625-1N4731A	------	-------
4.7	610-1N750A	625-1N5230B	625-1N4732A	------	-------
5.1	610-1N751A	625-1N5231B	625-1N4733A	------	-------
5.6	610-1N752A	625-1N5232B	625-1N4734A	------	-------
6.0	------	625-1N5233B	------	------	-------
6.2	610-1N753A	625-1N5234B	625-1N4735A	------	-------
6.8	610-1N754A	625-1N5235B	625-1N4736A	610-CZ5342B	-------
7.5	610-1N755A	625-1N5236B	625-1N4737A	------	610-1N5343B
8.2	610-1N756A	625-1N5237B	625-1N4738A	610-CZ5344B	-------
8.7	------	625-1N5238B	------	610-CZ5345B	-------
9.1	610-1N757A	625-1N5239B	625-1N4739A	------	610-1N5346B
10.0	610-1N758A	625-1N5240B	625-1N4740A	610-CZ5347B	-------
11.0	------	625-1N5241B	625-1N4741A	610-CZ5348B	-------
12.0	610-1N759A	625-1N5242B	625-1N4742A	610-CZ5349B	-------
13.0	------	625-1N5243B	625-1N4743A	610-CZ5350B	-------
14.0	------	625-1N5244B	------	610-CZ5351B	-------
15.0	------	625-1N5245B	625-1N4744A	610-CZ5352B	-------
16.0	------	625-1N5246B	625-1N4745A	610-CZ5353B	-------
17.0	------	625-1N5247B	------	610-CZ5354B	-------
18.0	------	625-1N5248B	625-1N4746A	610-CZ5355B	-------
19.0	------	625-1N5249B	------	610-CZ5356B	610-1N5356B
20.0	------	625-1N5250B	625-1N4747A	610-CZ5357B	------
22.0	------	625-1N5251B	625-1N4748A	------	610-1N5358B
24.0	------	583-1N5252B	625-1N4749A	610-CZ5359B	-------
25.0	------	583-1N5253B	------	610-CZ5360B	-------
27.0	------	625-1N5254B	625-1N4750A	610-CZ5361B	-------
28.0	------	583-1N5255B	------	------	-------
30.0	------	625-1N5256B	625-1N4751A	------	-------
33.0	------	583-1N5257B	625-1N4752A	------	-------
36.0	------	583-1N5258B	625-1N4753A	------	-------
39.0	------	625-1N5259B	625-1N4754A	------	-------
43.0	------	625-1N5260B	625-1N4755A	------	-------
47.0	------	583-1N5261B	625-1N4756A	------	-------
51.0	------	583-1N5262B	625-1N4757A	------	-------
56.0	------	625-1N5263B	625-1N4758A	------	-------
60.0	------	625-1N5264B	------	------	-------
62.0	------	625-1N5265B	625-1N4759A	------	-------
68.0	------	625-1N5266B	625-1N4760A	------	-------
75.0	------	625-1N5267B	625-1N4761A	------	-------
82.0	------	------	625-1N4762A	------	-------
91.0	------	------	625-1N4763A	------	-------
100.0	------	------	625-1N4764A	------	-------


DO-35, DO-41, DO-201AE, and DO-201

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each			
	1	100	500	1000
610-1N700 Series	.18	.14	.10	.077
583-1N5200 Series	.10	.064	.048	.04
625-1N5226B-1N5231B	.08	.063	.049	.035
625-1N5232B-1N5267B	.07	.059	.049	.035
583-1N4700 Series	.17	.12	.087	.073
625-1N4700 Series	.14	.11	.084	.06
610-1N5300 Series	.52	.47	.42	.38
610-CZ5300 Series	.52	.47	.42	.38

Signal Diodes and Rectifiers

Manufacturer	Prefix
Central Semiconductor	610
General Semiconductor	625
Rectron	583

Manufacturer	Prefix
STMicroelectronics	511
Vishay-Telefunken	78

STMicroelectronics

GENERAL SEMICONDUCTOR®

Central™ Semiconductor Corp.

RECTRON

♦ **Surface Mount Device**

For quantities greater than listed, call for quote.

	MOUSER NO. Mfr. Industry No.	Case Style	Description	Price Each 1-99
	610-CDSH270	DO-35	100mA 100V Rectifier	.35
♦	583-CMBD914	SOT-23	SMD Signal Diode	.17
♦	610-CMPD914	SOT-23	SMD Signal Diode	.18
	625-1N914	DO-35	Silicon Signal Diode	.05
	78-1N914	DO-35	300mA 100V Small Sig	.04
	583-1N914B	DO-35	Silicon Signal Diode	.06
	584-1N1183	DO-5	35 Amp 50 Volt	2.71
	584-1N1183A	DO-5	40 Amp 50 Volt	2.98
	584-1N1184	DO-5	35 Amp 100 Volt	4.72
	584-1N1184A	DO-5	40 Amp 100 Volt	3.09
	584-1N1186	DO-5	35 Amp 200 Volt	2.91
	584-1N1186A	DO-5	40 Amp 200 Volt	4.86
	584-1N1187	DO-5	35 Amp 300 Volt	3.46
	584-1N1187A	DO-5	40 Amp 300 Volt	4.43
	584-1N1188	DO-5	35 Amp 400 Volt	3.62
	584-1N1188A	DO-5	40 Amp 400 Volt	4.34
	584-1N1189	DO-5	35 Amp 500 Volt	3.96
	584-1N1190	DO-5	35 Amp 600 Volt	4.75
	584-1N1190A	DO-5	40 Amp 600 Volt	4.75
	584-1N1199A	DO-4	12 Amp 50 Volt	2.59
	584-1N1200A	DO-4	12 Amp 100 Volt	2.59
	584-1N1202A	DO-4	12 Amp 200 Volt	2.59
	584-1N1204A	DO-4	12 Amp 400 Volt	2.62
	584-1N1206A	DO-4	12 Amp 600 Volt	2.89
	584-1N1206RA	DO-4	12 Amp 600 Volt	2.89
	584-1N2129A	DO-5	60 Amp 100 Volt	5.87
	584-1N2131A	DO-5	60 Amp 200 Volt	5.92
	584-1N2135A	DO-5	60 Amp 400 Volt	7.46
	584-1N2138A	DO-5	60 Amp 600 Volt	8.09
	584-1N3208	DO-5	15 Amp 50 Volt	4.72
	584-1N3209	DO-5	15 Amp 100 Volt	4.72
	584-1N3212	DO-5	15 Amp 400 Volt	3.34
	584-1N3212R	DO-5	15 Amp 400 Volt	3.34
	584-1N3214	DO-5	15 Amp 600 Volt	4.18
	610-1N3600	DO-35	Signal Diode	.12
	584-1N3671A	DO-4	12 Amp 800 Volt	4.66
	584-1N3673A	DO-4	12 Amp 1000 Volt	4.86
	584-1N3766	DO-5	35 Amp 800 Volt	7.80
♦	592-RLR4004	LL-41	SMD 1 Amp 400 PRV	.13
♦	583-BAS16	SOT-23	SMD Signal Diode	.21
♦	625-BAS16	SOT-23	SMD Signal Diode	.13
	583-1N4148	DO-35	Silicon Signal Diode	.05
♦	592-RLS4148	LL-34	SMD Signal Diode	.05
	625-1N4148	DO-35	Silicon Signal Diode	.05
♦	625-1N4148W	SOD-123	SMD Signal Diode	.17
♦	625-IMBD4148	SOT-23	SMD Signal Diode	.18
	78-1N4148	DO-35	450mA 100V Small Sig	.05
♦	78-LL4148	SOD-80	450mA 100V Small Sig	.06
♦	592-RLS4150	LL-34	SMD Signal Diode	.05
	610-1N4150	DO-35	Silicon Signal Diode	.12
	625-1N4150	DO-35	Silicon Signal Diode	.04
	78-1N4150	DO-35	600mA 50V Small Sig	.09
♦	78-LL4150	SOD-80	600mA 50V Small Sig	.07
	583-1N4151	DO-35	Silicon Signal Diode	.06
	78-1N4151	DO-35	500mA 75V Small Sig	.05
	610-1N4152	DO-35	Silicon Signal Diode	.14
	78-1N4154	DO-35	500mA 35V Small Sig	.05
	583-1N4448	DO-35	Silicon Signal Diode	.07
♦	610-CMPD4448	SOT-23	SMD Signal Diode	.25
♦	592-RLS4448	LL-34	SMD Signal Diode	.06
	625-1N4448	DO-35	Silicon Signal Diode	.05
	78-1N4448	DO-35	500mA 100V Small Sig	.05
	583-1N4454	DO-35	Silicon Signal Diode	.07
	610-1N5059	GPR-1A	1 Amp 200 Volt	.33
	610-1N5060	GPR-1A	1 Amp 400 Volt	.33
	610-1N5061	GPR-1A	1 Amp 600 Volt	.33
	610-1N5062	GPR-1A	1 Amp 800 Volt	.34
	610-1N5283	DO-35	.22mA Current Reg	4.61
	610-1N5284	DO-35	.24mA Current Reg	4.29
	610-1N5285	DO-35	.27mA Current Reg	2.35
	610-1N5286	DO-35	.30mA Current Reg	2.35
	610-1N5287	DO-35	.33mA Current Reg	2.35
	610-1N5288	DO-35	.39mA Current Reg	2.35
	610-1N5289	DO-35	.43mA Current Reg	2.35
	610-1N5290	DO-35	.47mA Current Reg	4.29
	610-1N5291	DO-35	.56mA Current Reg	1.78
	610-1N5292	DO-35	.62mA Current Reg	1.78
	610-1N5293	DO-35	.68mA Current Reg	1.78
	610-1N5294	DO-35	.75mA Current Reg	1.78
	610-1N5295	DO-35	.82mA Current Reg	1.78
	610-1N5296	DO-35	.91mA Current Reg	1.78
	610-1N5297	DO-35	1.0mA Current Reg	4.29
	610-1N5298	DO-35	1.1mA Current Reg	1.78
	610-1N5299	DO-35	1.2mA Current Reg	1.78
	610-1N5300	DO-35	1.3mA Current Reg	1.78
	610-1N5301	DO-35	1.4mA Current Reg	1.78
	610-1N5302	DO-35	1.5mA Current Reg	1.78
	610-1N5303	DO-35	1.6mA Current Reg	1.78

For quantities greater than listed, call for quote.

	MOUSER NO. Mfr. Industry No.	Case Style	Description	Price Each 1-99
	610-1N5304	DO-35	1.8mA Current Reg	1.78
	610-1N5305	DO-35	2.0mA Current Reg	4.29
	610-1N5306	DO-35	2.2mA Current Reg	1.78
	610-1N5307	DO-35	2.4mA Current Reg	1.78
	610-1N5308	DO-35	2.7mA Current Reg	1.78
	610-1N5309	DO-35	3.0mA Current Reg	4.29
	610-1N5310	DO-35	3.3mA Current Reg	2.35
	610-1N5311	DO-35	3.6mA Current Reg	2.35
	610-1N5312	DO-35	3.9mA Current Reg	2.35
	610-1N5313	DO-35	4.3mA Current Reg	2.35
	610-1N5314	DO-35	4.7mA Current Reg	4.29
	610-1N5624	GPR-3A	3 Amp 200 Volt	.62
	610-1N5625	GPR-3A	3 Amp 400 Volt	.64
	610-1N5626	GPR-3A	3 Amp 600 Volt	.84
	610-1N5627	GPR-3A	3 Amp 800 Volt	.95
	511-1N5711	DO-35	15mA 70V Schottky	.18
	625-1N5711	DO-41	15mA 70V Schottky	.12
	625-1N5817	DO-204AL	1 Amp 20V Schottky	.24
	333-1N5818	DO-41	1 Amp 30V Schottky	.28
	625-1N5818	DO-204AL	1 Amp 30V Schottky	.24
	625-1N5819	DO-204AL	1 Amp 40V Schottky	.24
	625-1N5820	DO-201AD	3 Amp 20V Schottky	.40
	625-1N5821	DO-201AD	3 Amp 30V Schottky	.40
	625-1N5822	DO-201AD	3 Amp 40V Schotky	.40
	511-1N5908	CB429	5V 1500W TVS	1.30
	511-1N6263	DO-35	15mA 60V Schottky	.18
	584-16F20	DO-4	16 Amp 200 Voltage	4.57
	584-40HF10	DO-5	40 Amp 100 Voltage	4.88
	584-40HF20	DO-5	40 Amp 200 Voltage	3.32
	584-40HF60	DO-5	40 Amp 600 Voltage	4.91
	584-40HF100	DO-5	40 Amp 1000 Volt	7.98
	584-70HF40	DO-5	70 Amp 400 Voltage	7.56
	584-70HFR40	DO-5	70 Amp 400 Voltage	7.56
	584-150K30A	DO-8	150 Amp 300 Volt	18.40
	584-150KR60A	DO-8	150 Amp 600 Volt	19.63
♦	511-BAR42FILM	SOT-23	100mA 30V Schottky	.28
♦	511-BAR43CFILM	SOT-23	100mA Schottky	.36
♦	511-BAR43FILM	SOT-23	100mA Schottky	.32
♦	511-BAR43SFILM	SOT-23	100mA Schottky	.36
♦	583-BAS16	SOT-23	Silicon Signal	.21
♦	625-BAS16	SOT-23	Silicon Signal	.13
♦	78-BAS16	SOT-23	300mA 75V Fast Switch	.11
♦	583-BAS20	SOT-23	Silicon Signal	.27
♦	625-BAS21	SOT-23	Silicon Signal	.18
♦	625-BAS70	SOT-23	200mA 70V Schottky	.22
♦	511-BAS70-04FILM	SOT-23	15mA 70V Schottky	.34
♦	625-BAS70-04	SOT-23	200mA 70V Schottky	.22
♦	511-BAS70-05FILM	SOT-23	200mA 70V Schottky	.34
♦	625-BAS70-05	SOT-23	200mA 70V Schottky	.22
♦	511-BAS70-06FILM	SOT-23	200mA 70V Schottky	.34
♦	625-BAS70-06	SOT-23	200mA 70V Schottky	.22
	511-BAT42	DO-35	200mA 30V Schottky	.14
	625-BAT42	DO-35	10mA 30V Schottky	.14
	511-BAT43	DO-35	200mA 30V Schottky	.14
	511-BAT46	DO-35	250mA 100V Schottky	.14
	511-BAT47	DO-35	350mA 20V Schottky	.18
	511-BAT48	DO-35	350mA 40V Schottky	.18
	511-BAT49	DO-41	500mA 80V Schottky	.36
♦	625-BAT54	SOT-23	10mA 30V Schottky	.20
♦	625-BAT54A	SOT-23	10mA 30V Schottky	.23
♦	78-BAT54A	SOT-23	300mA 30V Schottky	.16
♦	625-BAT54C	SOT-23	1mA 30V Schottky	.18
♦	78-BAT54C	SOT-23	300mA 30V Schottky	.16
♦	625-BAT54S	SOT-23	1mA 30V Schottky	.18
♦	78-BAT54S	SOT-23	300mA 30V Schottky	.16
	625-BAV20	DO-35	200V Fast Switch	.08
	625-BAV21	DO-35	10mA 200V Fast Switch	.08
♦	625-BAV70	SOT-23	70V Fast Switch	.16
♦	78-BAV70	SOT-23	1A 100V Dual Switch	.12
♦	625-BAV99	SOT-23	70V Fast Switch	.16
♦	78-BAV99	SOT-23	1A 100V Dual Switch	.12
♦	625-BAW56	SOT-23	70V Fast Switch	.16
♦	78-BAW56	SOT-23	1A 100V Dual Switch	.12
♦	78-BYG10G	DO-214AA	1.5A 400V Standard Rec	.36
	511-BYT12P-1000	TO-220AC	12A 100V Fast Rec	3.44
	511-BYT261PIV-400	ISOTOP	2x60A 400V Rectifier	30.00
♦	511-BYT30P-400	SOD-93	30A 400V Rectifier	5.16
♦	511-BYT30P-1000	SOD-93	30A 1000V Rectifier	7.00
	511-BYT30PI-1000	DOP-3	30A 1000V Rectifier	8.00
♦	511-BYT60P-400	SOD-93	60A 400V Rectifier	8.62
	511-BYV10-40	DO-41	1A 40 Volt Schottky	.30
	511-BYV255V-200	ISOTOP	2x100A 200V Rect	38.50
	511-BYV54V-200	ISOTOP	2x50A 200V Rectifier	19.04
	511-BYW29-200	TO-220AC	8A 200 Volt Rectifier	.78
	511-BYW51-200	TO-220AB	2x10A 200V Rectifier	1.28
	511-BYW98-200	DO-27	3A 200V Fast Recov	.44
	511-BYW99P-200	SOT-93	2x15A 200V Rectifier	4.44
	511-BYW99W-200	TO-247	2x15A 200V Rectifier	4.80

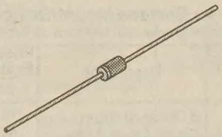
For quantities greater than listed, call for quote.

	MOUSER NO. Mfr. Industry No.	Case Style	Description	Price Each 1-99
♦	511-DA108S1	SO-8	8 Diode Array	.76
♦	592-DA114	SOT-323	Single Diode Array	.09
♦	592-DA116	SOT-23	Single Diode Array	.12
♦	592-DA204K	SOT-23	Dual Diode Array	.09
♦	592-DA204U	SOT-323	Dual Diode Array	.10
♦	592-DAN202K	SOT-23	Dual Diode Array	.10
♦	592-DAN202U	SOT-323	Dual Diode Array	.09
♦	592-DAN212C	SOT-23	Single Diode Array	.12
♦	592-DAN212K	SOT-23	Single Diode Array	.11
♦	592-DAN217	SOT-23	Dual Diode Array	.14
♦	592-DAN235K	SOT-23	Dual Diode Array	.29
♦	592-DAP202C	SOT-23	Dual Diode Array	.09
♦	592-DAP202K	SOT-23	Dual Diode Array	.10
♦	592-DAP236K	SOT-23	Dual Diode Array	.34
♦	625-IMBD4148	SOT-23	SMD Signal Diode	.18
♦	625-LL101A	SOD-80C	1mA 60V Schottky	.22
♦	625-LL101B	SOD-80C	1mA 60V Schottky	.22
♦	625-LL101C	SOD-80C	1mA 60V Schottky	.22
♦	625-LL103A	SOD-80C	20mA 40V Schottky	.22
♦	625-LL103B	SOD-80C	20mA 30V Schottky	.22
♦	625-LL103C	SOD-80C	20mA 20V Schottky	.22
♦	625-LL4148	SOD-80C	10mA 50V Switching	.07
♦	625-LL4150	SOD-80C	200mA 50V Switching	.07
♦	625-LL4151	SOD-80C	50mA 50V Switching	.07
♦	625-LL4448	SOD-80C	100mA 100V Switching	.07
♦	625-MMBD7000	SOT-23	100mA 100V Switching	.14
♦	592-RB400D	SOT-23	20V Schottky Barrier	.51
♦	592-RB411D	SOT-23	20V Schottky Barrier	.27
♦	592-RB425D	SOT-23	20V Schottky Barrier	.24
♦	592-RLR4004	LL-41	1 Amp 400V 1N4004	.13
♦	592-RLS73	LL-34	110mA 40V Switch	.05
♦	592-RLS4148	LL-34	150mA 75V Switch	.05
♦	592-RLS4150	LL-34	SMD Signal Diode	.05
♦	592-RLS4448	LL-34	150mA 75V Switch	.06
	625-SD101A	DO-35	1mA 60V Schottky	.22
♦	625-SD101AW	SOD-123	1mA 60V Schottky	.24
	625-SD101B	DO-35	1mA 50V Schottky	.22
♦	625-SD101BW	SOD-123	1mA 50V Schottky	.24
	625-SD101C	DO-35	1mA 40V Schottky	.22
♦	625-SD101CW	SOD-123	1mA 40V Schottky	.24
	625-SD103A	DO-35	20mA 40V Schottky	.24
♦	625-SD103AW	SOD-123	20mA 40V Schottky	.26
	625-SD103B	DO-35	20mA 30V Schottky	.24
♦	625-SD103BW	SOD-123	20mA 30V Schottky	.26
	625-SD103C	DO-35	20mA 20V Schottky	.24
♦	625-SD103CW	SOD-123	20mA 20V Schottky	.26
♦	511-SMBYW01-200	SOD-6	1A 200V Fast Recv	.54
♦	511-SMBYW02-200	SOD-6	2A 200V Fast Recv	.60
♦	511-STPR1020CB	TO-252	2x4A 200V Fast Rec	.94
	511-STPR1020CT	TO-220	2X5A 200V Rectifier	.90
♦	511-STPR1620CG	TO-252	2x8A 200V Rectifier	1.38
	511-STPR1620CT	TO-220	2x8A 200V Rectifier	1.30
	511-STPS10L25D	TO-220AC	10A 25 Volt Schottky	1.92
♦	511-STPS1100U	SOD-6	1.5A 100V Schottky	.68
♦	511-STPS125U	SOD-6	1A 25 Volt Schottky	.61
♦	511-STPS140U	SOD-6	1A 40 Volt Schottky	.42
♦	511-STPS1545CG	TO-252	2x7.5A 45V Schottky	1.30
	511-STPS1545CT	TO-220	2x7.5A 45V Schottky	1.10
	511-STPS15L25D	TO-220AC	15A 25 Volt Schottky	1.73
♦	511-STPS160U	SOD-6	1A 60 Volt Schottky	.50
	511-STPS20100CT	TO-220AB	2x10A 100V Schttky	2.50
	511-STPS2045CT	TO-220	2x10A 45V Schottky	2.00
	511-STPS20L15D	TO-220AC	20A 15 Volt Schottky	2.06
	511-STPS20L25CT	TO-220AB	2x10A 25V Schottky	2.20
	511-STPS3045CP	SOT-93	2x15A 45V Schottky	2.10
	511-STPS3045CT	TO-220	2x15A 45V Schottky	1.90
	511-STPS3045CW	TO-247	2x15A 45V Schottky	2.10
	511-STPS30L40CW	TO-247	2x15A 40V Schottky	2.30
♦	511-STPS3100B	TO-252	3A 100 Volt Schottky	.82
♦	511-STPS340B	TO-252	15mA 70V Schottky	.74
♦	511-STPS340U	SOD-6	3A 40 Volt Schottky	.50
	511-STPS4045CW	TO-247	2x20A 45V Schottky	2.28
	511-STPS40L15CW	TO-247	2x20A 15V Schottky	3.10
♦	511-STPS5L25B	TO-252	5A 25 Volt Schottky	.89
	511-STPS6045CW	TO-247	2x30A 45V Schottky	3.20
♦	511-STPS6100CB	TO-252	2x3A 100V Schottky	1.62
♦	511-STPS640CB	TO-252	2x3A 40V Schottky	1.14
	511-STPS745D	TO-220AC	7.5A 45V Schottky	1.02
♦	511-STTA106U	SOD-6	1A 600V Hi-V Rect	.60
	511-STTA1206DI	DO-220I	12A 600V Hi-V Rect	2.14
♦	511-STTA1206G	TO-252	12A 600V Rectifier	1.80
	511-STTA3006CW	TO-247	2x15A 600V Rect	4.78
♦	511-STTA506B	TO-252	5A 600 Volt Rectifier	1.40
	511-STTA806D	TO-220AC	600V Hi-V Rect	1.30
♦	511-STTB106U	SOD-6	1A 600V Hi-V Rect	.60
♦	511-STTB306B	TO-252	3A 600 Volt Rectifier	.65
♦	511-STTB506B	TO-252	5A 600 Volt Rectifier	1.44

GENERAL SEMICONDUCTOR®

Rectifiers

◆Surface Mount Device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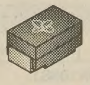
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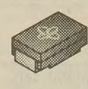
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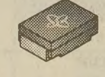
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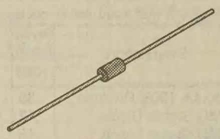
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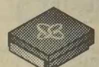
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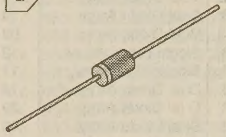
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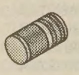
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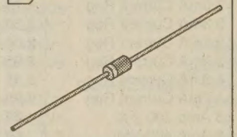
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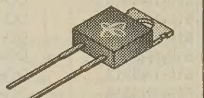
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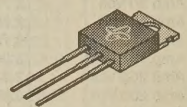
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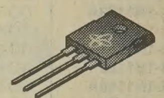
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STANDARD SILICON RECTIFIERS

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-1N4001	A	50	30	.04	.03	.021
◆ 625-GF1A	B	50	30	.30	.16	.14
◆ 625-S1A	C	50	30	.19	.11	.10
625-1N4002	A	100	30	.04	.03	.021
◆ 625-GF1B	B	100	30	.30	.16	.14
◆ 625-S1B	C	100	30	.19	.11	.10
625-1N4003	A	200	30	.04	.03	.021
◆ 625-GF1D	B	200	30	.30	.16	.14
◆ 625-S1D	C	200	30	.19	.11	.10
625-1N4004	A	400	30	.04	.03	.021
◆ 625-GF1G	B	400	30	.25	.12	.10
◆ 625-S1G	C	400	30	.19	.11	.10
625-1N4005	A	600	30	.04	.03	.021
◆ 625-GF1J	B	600	30	.33	.17	.15
◆ 625-S1J	C	600	30	.19	.11	.10
625-1N4006	A	800	30	.04	.03	.021
◆ 625-GF1K	B	800	30	.33	.17	.15
◆ 625-S1K	C	800	30	.19	.11	.10
625-1N4007	A	1000	30	.04	.03	.021
◆ 625-GF1M	B	1000	30	.28	.13	.11
◆ 625-S1M	C	1000	30	.19	.11	.10

2.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
◆ 625-S2A	D	50	50	.25	.14	.13
◆ 625-S2B	D	100	50	.25	.14	.13
◆ 625-S2D	D	200	50	.25	.14	.13
◆ 625-S2G	D	400	50	.25	.14	.13
◆ 625-S2J	D	600	50	.25	.17	.16
◆ 625-S2K	D	800	50	.25	.17	.16
◆ 625-S2M	D	1000	50	.25	.17	.16

3.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-1N5400	E	50	200	.18	.15	.11
◆ 625-S3A	F	50	100	.43	.38	.36
625-1N5401	E	100	200	.18	.15	.11
◆ 625-S3B	F	100	100	.43	.38	.36
625-1N5402	E	200	200	.18	.15	.11
◆ 625-S3D	F	200	100	.43	.38	.36
625-1N5404	E	400	200	.18	.15	.11
◆ 625-S3G	F	400	100	.43	.38	.36
625-1N5406	E	600	200	.18	.16	.11
◆ 625-S3J	F	600	100	.47	.44	.42
625-1N5407	E	800	200	.18	.16	.11
◆ 625-S3K	F	800	100	.47	.44	.42
625-1N5408	E	1000	200	.18	.16	.11
◆ 625-S3M	F	1000	100	.47	.44	.42

6.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-GI750	G	50	400	.79	.39	.34
625-GI751	G	100	400	.79	.39	.34
625-GI752	G	200	400	.79	.39	.34
625-GI754	G	400	400	.79	.39	.34
625-GI756	G	600	400	.79	.41	.36
625-GI758	G	800	400	.79	.41	.36

STANDARD GLASS PASSIVATED

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-1N4001GP	A	50	30	.19	.088	.077
625-1N4002GP	A	100	30	.19	.088	.077
625-1N4003GP	A	200	30	.19	.088	.077
625-1N4004GP	A	400	30	.19	.088	.077
625-1N4005GP	A	600	30	.19	.088	.077
625-1N4006GP	A	800	30	.19	.088	.077
625-1N4007GP	A	1000	30	.19	.088	.077

FAST RECOVERY

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-1N4933	A	50	200	.10	.073	.055
625-1N4934	A	100	200	.10	.073	.055
625-1N4935	A	200	200	.10	.073	.055
625-1N4936	A	400	200	.10	.073	.055
625-1N4937	A	600	200	.10	.069	.053

3.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-GI850	E	50	200	.33	.24	.23
625-GI851	E	100	200	.33	.24	.23
625-GI852	E	200	200	.33	.24	.23
625-GI854	E	400	200	.33	.24	.23
625-GI856	E	600	200	.35	.25	.23

5.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-GI820	G	50	300	1.84	1.32	1.00
625-GI821	G	100	300	1.84	1.32	1.00
625-GI822	G	200	300	1.84	1.32	1.00
625-GI824	G	400	300	1.84	1.32	1.00
625-GI826	G	600	300	1.84	1.32	1.00
625-GI828	G	800	300	1.84	1.32	1.00

FAST RECOVERY GLASS PASSIVATED

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-1N4933GP	A	50	200	.10	.073	.055
625-1N4934GP	A	100	200	.10	.073	.055
625-1N4935GP	A	200	200	.10	.073	.055
625-1N4936GP	A	400	200	.10	.073	.055
625-1N4937GP	A	600	200	.16	.11	.085

FAST EFFICIENT

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-UF4001	A	50	30	.23	.17	.14
◆ 625-EGL41A	H	50	30	.21	.20	.19
◆ 625-ES1A	C	50	30	.55	.40	.30
625-UF4002	A	100	30	.23	.17	.14
◆ 625-EGL41B	H	100	30	.21	.20	.19
◆ 625-ES1B	C	100	30	.55	.40	.30
◆ 625-ES1C	C	150	30	.55	.40	.30
625-UF4003	A	200	30	.23	.17	.14
◆ 625-EGL41D	H	200	30	.21	.20	.19
◆ 625-ES1D	C	200	30	.55	.40	.30
◆ 625-EGL41F	H	300	30	.22	.20	.19
625-UF4004	A	400	30	.23	.17	.14
◆ 625-EGL41G	H	400	30	.22	.20	.19
625-UF4005	A	600	30	.25	.19	.16
625-UF4006	A	800	30	.25	.19	.16
625-UF4007	A	1000	30	.25	.19	.16

FAST EFFICIENT (cont.)

2.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-EGP20A	I	50	75	.30	.28	.27
◆ 625-ES2A	D	50	50	.33	.25	.23
625-EGP20B	I	100	75	.30	.28	.27
◆ 625-ES2B	D	100	50	.33	.25	.23
625-EGP20D	I	200	75	.30	.28	.27
◆ 625-ES2D	D	200	50	.33	.25	.23

3.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-UF5400	E	50	50	.50	.38	.31
◆ 625-ES3A	F	50	100	1.15	.83	.63
625-UF5401	E	100	150	.50	.38	.31
◆ 625-ES3B	F	100	100	1.15	.83	.63
◆ 625-ES3C	F	150	100	1.15	.83	.63
625-UF5402	E	200	150	.50	.38	.31
◆ 625-ES3D	F	200	100	1.15	.83	.63
625-UF5403	E	300	150	.50	.38	.31
625-UF5404	E	400	150	.50	.38	.31
625-UF5405	E	500	150	.64	.48	.40
625-UF5406	E	600	150	.64	.48	.40
625-UF5407	E	800	150	.64	.48	.40
625-UF5408	E	1000	150	.64	.48	.40

8.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-FES8AT	J	50	125	.96	.75	.73
625-FES8BT	J	100	125	.96	.75	.73
625-FES8DT	J	200	125	.96	.75	.73

16.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-FEP16AT	K	50	200	1.52	1.14	.95
625-FES16AT	J	50	200	1.56	1.32	1.28
625-FEP16BT	K	100	200	1.52	1.14	.95
625-FES16BT	J	100	200	1.56	1.32	1.28
625-FES16CT	J	150	200	1.56	1.32	1.28
625-FEP16DT	K	200	200	1.56	1.32	1.28
625-FES16DT	J	200	200	1.56	1.17	.98
625-FEP16FT	K	300	200	1.84	1.38	1.15
625-FES16FT	J	300	200	1.63	1.32	1.28
625-FEP16GT	K	400	200	1.84	1.38	1.15
625-FES16GT	J	400	200	1.63	1.32	1.28
625-FEP16JT	K	600	200	1.84	1.38	1.15
625-FES16JT	J	600	200	1.63	1.32	1.28

30.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	1	100	500
625-FEP30AP	L	50	300	3.16	2.37	2.18
625-FEP30BP	L	100	300	3.16	2.37	2.18
625-FEP30DP	L	200	300	3.16	2.37	2.18
625-FEP30FP	L	300	300	3.16	2.37	2.18
625-FEP30GP	L	400	300	3.16	2.37	2.18

ULTRA FAST EFFICIENT

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
◆ 625-US1A	C	50	30	.55	.40	.30
◆ 625-US1B	C	100	30	.55	.40	.30
◆ 625-US1D	C	200	30	.55	.40	.30

Rectifiers

♦Surface Mount Device

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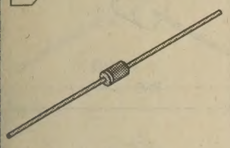
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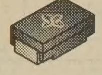
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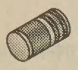
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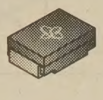
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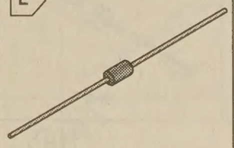
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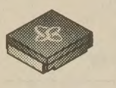
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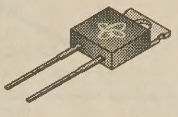
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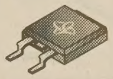
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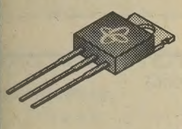
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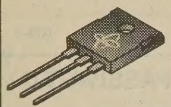
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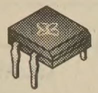
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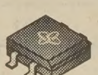
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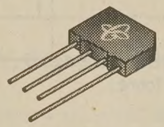
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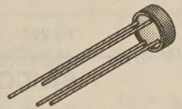
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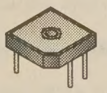
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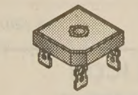
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SCHOTTKY BARRIER

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-1N5817	A	20	25	.24	.18	.15
♦625-SS12	B	20	30	.28	.21	.18
♦625-SGL41-20	C	20	30	.36	.27	.22
625-1N5818	A	30	25	.24	.18	.15
♦625-SS13	B	30	30	.28	.21	.18
♦625-SGL41-30	C	30	30	.36	.27	.22
625-1N5819	A	40	25	.24	.18	.15
♦625-SS14	B	40	30	.32	.24	.20
♦625-SGL41-40	C	40	30	.36	.27	.22
♦625-SS15	B	50	30	.29	.22	.19
♦S25-SGL41-50	C	50	30	.36	.27	.22
♦625-SS16	B	60	30	.29	.22	.20
♦625-SGL41-60	C	60	30	.36	.27	.22

2.0 Amp

For quantities greater than listed, call for quote.

♦625-SS22	D	20	50	.42	.32	.26
♦625-SS23	D	30	50	.42	.32	.26
♦625-SS24	D	40	50	.42	.32	.26
♦625-SS25	D	50	50	.42	.32	.26
♦625-SS26	D	60	50	.42	.32	.26

3.0 Amp

For quantities greater than listed, call for quote.

625-1N5820	E	20	80	.40	.30	.25
625-SB320	E	20	80	.35	.26	.22
♦625-SS32	F	20	100	1.00	.75	.63
625-1N5821	E	30	80	.40	.30	.25
625-SB330	E	30	80	.35	.26	.22
♦625-SS33	F	30	100	1.00	.75	.63
625-1N5822	E	40	80	.40	.30	.25
625-SB340	E	40	80	.35	.26	.22
♦625-SS34	F	40	100	1.00	.75	.63
625-SB350	E	50	80	.35	.26	.25
♦625-SS35	F	50	100	1.16	.87	.73
625-SB360	E	60	80	.35	.26	.25
♦625-SS36	F	60	100	1.16	.87	.73

7.5 Amp

For quantities greater than listed, call for quote.

625-MBR735	G	35	150	1.24	.93	.78
625-MBR745	G	45	150	1.24	.93	.78

10.0 Amp

For quantities greater than listed, call for quote.

625-MBR1035	G	35	150	1.22	.92	.76
♦625-SBLB1030CT	H	30	250	1.28	.96	.80
625-MBR1045	G	45	150	1.22	.92	.76
♦625-SBLB1040CT	H	40	250	1.28	.96	.80

15.0 Amp

For quantities greater than listed, call for quote.

625-MBR1535CT	F	35	150	1.07	.80	.67
625-MBR1545CT	F	45	150	1.07	.80	.67

16.0 Amp

For quantities greater than listed, call for quote.

625-MBR1635	G	35	150	1.11	.83	.69
♦625-MBRB1635	H	35	150	1.56	1.17	.98
625-MBR1645	G	45	150	1.11	.83	.69
♦625-MBRB1645	H	45	150	1.56	1.17	.98

SCHOTTKY BARRIER (cont.)

20.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-MBR2035CT	I	35	150	1.62	1.22	1.01
♦625-MBRB2035CT	H	35	150	1.76	1.32	1.10
625-MBR2045CT	I	45	150	1.62	1.22	1.01
♦625-MBRB2045CT	H	45	150	1.76	1.32	1.10

25.0 Amp

For quantities greater than listed, call for quote.

625-MBR2535CT	I	35	150	1.58	1.19	.99
♦625-MBRB2535CT	H	35	150	2.28	1.71	1.43
625-MBR2545CT	I	45	150	1.58	1.19	.99
♦625-MBRB2545CT	H	35	150	2.28	1.71	1.43

30.0 Amp

For quantities greater than listed, call for quote.

625-MBR3035PT	J	35	200	2.22	1.66	1.39
625-MBR3045PT	J	45	200	2.22	1.66	1.39

40.0 Amp

For quantities greater than listed, call for quote.

625-MBR4035PT	J	35	400	2.56	1.92	1.60
625-MBR4045PT	J	45	400	2.56	1.92	1.60

BRIDGE RECTIFIERS

1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-DF005M	K	50	50	.32	.28	.22
♦625-DF005S	L	50	50	.41	.35	.28
625-DF01M	K	100	50	.32	.28	.22
♦625-DF01S	L	100	50	.41	.35	.28
625-DF02M	K	200	50	.32	.28	.22
♦625-DF02S	L	200	50	.41	.35	.28
625-DF04M	K	400	50	.32	.28	.22
♦625-DF04S	L	400	50	.41	.35	.28
625-DF06M	K	600	50	.35	.30	.24
♦625-DF06S	L	600	50	.43	.37	.30
625-DF08M	K	800	50	.35	.30	.24
♦625-DF08S	L	800	50	.43	.37	.30
625-DF10M	K	1000	50	.35	.30	.24

1.5 Amp

For quantities greater than listed, call for quote.

625-KBP005M	M	50	30	.54	.46	.37
625-W005G	N	50	50	.35	.30	.24
625-KBP01M	M	100	30	.54	.46	.37
625-W01G	N	100	50	.35	.30	.24
625-KBP02M	M	200	30	.54	.46	.37
625-W02G	N	200	50	.35	.30	.24
625-KBP04M	M	400	30	.54	.46	.37
625-W04G	N	400	50	.35	.30	.24
625-KBP06M	M	600	30	.54	.46	.37
625-W06G	N	600	50	.38	.32	.26
625-KBP08M	M	800	30	.54	.46	.37
625-W08G	N	800	50	.38	.32	.26
625-KBP10M	M	1000	30	.54	.46	.37
625-W10G	N	1000	50	.38	.32	.26

BRIDGE RECTIFIERS (cont.)

2.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM Surge (A)	Price Each		
				1	100	500
625-2KBP005M	M	50	60	.62	.53	.43
625-2KBP01M	M	100	60	.62	.53	.43
625-2KBP02M	M	200	60	.62	.53	.43
625-2KBP04M	M	400	60	.62	.53	.43
625-2KBP06M	M	600	60	.62	.53	.43
625-2KBP08M	M	800	60	.62	.53	.43
625-2KBP10M	M	1000	60	.62	.53	.43

6.0 Amp

For quantities greater than listed, call for quote.

625-GBPC6005	P	50	175	2.17	1.86	1.55
625-GBPC601	P	100	175	2.17	1.86	1.55
625-GBPC602	P	200	175	2.17	1.86	1.55
625-GBPC604	P	400	175	2.17	1.86	1.55
625-GBPC606	P	600	175	2.31	1.98	1.65
625-GBPC608	P	800	175	2.31	1.98	1.65
625-GBPC610	P	1000	175	2.31	1.98	1.65

12.0 Amp

For quantities greater than listed, call for quote.

625-GBPC12005	P	50	200	9.45	8.10	6.75
625-GBPC1201	P	100	200	9.45	8.10	6.75
625-GBPC1202	P	200	200	9.45	8.10	6.75
625-GBPC1204	P	400	200	9.45	8.10	6.75
625-GBPC1206	P	600	200	9.45	8.10	6.75
625-GBPC1208	P	800	200	9.45	8.10	6.75
625-GBPC1210	P	1000	200	9.45	8.10	6.75

25.0 Amp

For quantities greater than listed, call for quote.

625-GBPC25005	P	50	300	3.78	3.24	2.70
625-GBPC25005W	O	50	300	2.97	2.53	2.04
625-GBPC2501	P	100	300	3.78	3.24	2.70
625-GBPC2501W	O	100	300	2.97	2.53	2.04
625-GBPC2502	P	200	300	3.78	3.24	2.70
625-GBPC2502W	O	200	300	2.97	2.53	2.04
625-GBPC2504	P	400	300	3.78	3.24	2.70
625-GBPC2504W	O	400	300	2.97	2.53	2.04
625-GBPC2506	P	600	300	3.78	3.24	2.70
625-GBPC2506W	O	600	300	2.97	2.53	2.04
625-GBPC2508	P	800	300	3.78	3.24	2.70
625-GBPC2508W	O	800	300	2.97	2.53	2.04
625-GBPC2510	P	1000	300	3.78	3.24	2.71
625-GBPC2510W	O	1000	300	2.97	2.53	2.04

35.0 Amp

For quantities greater than listed, call for quote.

625-GBPC35005	P	50	400	3.38	2.88	2.31
625-GBPC35005W	O	50	400	3.48	2.97	2.39
625-GBPC3501	P	100	400	3.38	2.88	2.31
625-GBPC3501W	O	100	400	3.48	2.97	2.39
625-GBPC3502	P	200	400	3.38	2.88	2.31
625-GBPC3502W	O	200	400	3.48	2.97	2.39
625-GBPC3504	P	400	400	3.38	2.88	2.31
625-GBPC3504W	O	400	400	3.48	2.97	2.39
625-GBPC3506	P	600	400	3.38	2.88	2.31
625-GBPC3506W	O	600	400	3.48	2.97	2.39
625-GBPC3508	P	800	400	3.38	2.88	2.31
625-GBPC3508W	O	800	400	3.48	2.97	2.39
625-GBPC3510	P	1000	400	3.38	2.88	2.31
625-GBPC3510W	O	1000	400	3.48	2.97	2.39

RECTRON Rectifiers

♦Surface Mount Device

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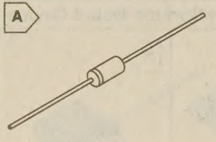
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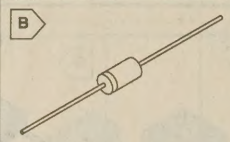
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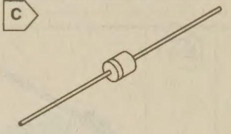
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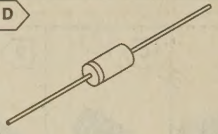
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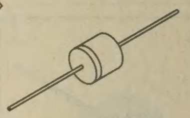
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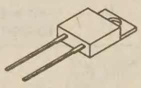
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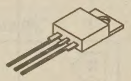
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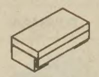
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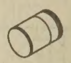
SM-1

SILICON

Specifications:

- Operating and storage temperature: -65°C to +175°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
1.0 Amp						
583-1N4001	A	50	30	.03	.028	.02
583-1N4002	A	100	30	.03	.028	.02
583-1N4003	A	200	30	.03	.028	.02
583-1N4004	A	400	30	.04	.029	.021
583-1N4005	A	600	30	.04	.029	.021
583-1N4006	A	800	30	.04	.031	.022
583-1N4007	A	1000	30	.04	.032	.023
1.5 Amp						
583-1N5391	B	50	50	.08	.067	.048
583-1N5392	B	100	50	.08	.067	.048
583-1N5393	B	200	50	.09	.07	.05
583-1N5394	B	300	50	.09	.074	.053
583-1N5395	B	400	50	.09	.074	.053
583-1N5397	B	600	50	.10	.077	.055
583-1N5398	B	800	50	.11	.088	.063
583-1N5399	B	1000	50	.13	.10	.073
583-RL151	B	50	60	.08	.063	.045
583-RL153	B	200	60	.08	.063	.045
583-RL154	B	400	60	.09	.07	.05
583-RL155	B	600	60	.11	.084	.06
583-RL157	B	1000	60	.12	.098	.07
2.0 Amp						
583-RL201	B	50	70	.11	.084	.06
583-RL202	B	100	70	.11	.088	.063
583-RL203	B	200	70	.12	.098	.07
583-RL204	B	400	70	.13	.11	.075
583-RL205	B	600	70	.16	.13	.09
583-RL206	B	800	70	.18	.14	.10
583-RL207	B	1000	70	.20	.16	.11
2.5 Amp						
583-RL251	C	50	150	.16	.13	.09
583-RL252	C	100	150	.19	.15	.11
583-RL253	C	200	150	.18	.15	.11
583-RL254	C	400	150	.22	.18	.13
583-RL255	C	600	150	.21	.17	.12
583-RL256	C	800	150	.25	.20	.14
583-RL257	C	1000	150	.23	.19	.13
3.0 Amp						
583-1N5400	D	50	200	.16	.13	.093
583-1N5401	D	100	200	.16	.13	.093
583-1N5402	D	200	200	.16	.13	.093
583-1N5404	D	400	200	.17	.13	.095
583-1N5406	D	600	200	.20	.16	.11
583-1N5407	D	800	200	.20	.16	.11
583-1N5408	D	1000	200	.21	.16	.12
6.0 Amp						
583-6A05	E	50	400	.32	.27	.23
583-6A1	E	100	400	.32	.27	.23
583-6A2	E	200	400	.36	.31	.26
583-6A4	E	400	400	.36	.31	.26
583-6A6	E	600	400	.41	.35	.29
583-6A8	E	800	400	.46	.40	.33
583-6A10	E	1000	400	.55	.47	.40
8.0 Amp						
583-RL801	F	50	200	1.98	1.57	1.12
583-RL802	F	100	200	2.02	1.61	1.15
583-RL803	F	200	200	2.08	1.66	1.18
583-RL804	F	400	200	2.27	1.80	1.29
583-RL805	F	600	200	2.52	2.00	1.43
583-RL806	F	800	200	2.92	2.32	1.66

SILICON (cont.)

Specifications:

- Operating and storage temperature: -65°C to +175°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
16.0 Amp						
583-RL1601C	G	50	200	3.43	2.73	1.95
583-RL1603C	G	200	200	3.82	3.04	2.17
583-RL1604C	G	400	200	4.20	3.34	2.39
583-RL1605C	G	600	200	4.90	3.90	2.79
583-RL1606C	G	800	200	5.59	4.45	3.18

HIGH VOLTAGE

Specifications:

- Operating and storage temperature: -65°C to +175°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
.20 Amp						
583-R2000	A	2000	30	.22	.17	.13
.50 Amp						
583-R1500	A	1500	30	.17	.13	.11
.20 Amp Fast Recovery						
583-R2000F	A	2000	30	.35	.27	.22
.50 Amp Fast Recovery						
583-R1500F	A	1500	30	.28	.22	.18

GLASS PASSIVATED

Specifications:

- Operating and storage temperature: -65°C to +175°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
1.0 Amp						
583-1N4001G	A	50	30	.10	.077	.055
♦ 583-FM4001	H	50	30	.17	.098	.078
♦ 583-SM4001	I	50	30	.15	.085	.07
583-1N4002G	A	100	30	.10	.077	.055
♦ 583-FM4002	H	100	30	.18	.10	.082
♦ 583-SM4002	I	100	30	.15	.088	.07
583-1N4003G	A	200	30	.11	.084	.06
♦ 583-FM4003	H	200	30	.19	.11	.088
♦ 583-SM4003	I	200	30	.16	.093	.074
583-1N4004G	A	400	30	.11	.084	.06
♦ 583-FM4004	H	400	30	.20	.12	.092
♦ 583-SM4004	I	400	30	.18	.10	.08
583-1N4005G	A	600	30	.11	.088	.063
♦ 583-FM4005	H	600	30	.25	.14	.11
♦ 583-SM4005	I	600	30	.19	.11	.086
583-1N4006G	A	800	30	.14	.11	.08
♦ 583-FM4006	H	800	30	.30	.17	.14
♦ 583-SM4006	I	800	30	.22	.13	.10
583-1N4007G	A	1000	30	.15	.12	.085
♦ 583-FM4007	H	1000	30	.34	.20	.16
♦ 583-SM4007	I	1000	30	.24	.14	.11
2.0 Amp						
583-RL201G	B	50	70	.19	.15	.11
583-RL203G	B	200	70	.22	.18	.13
583-RL204G	B	400	70	.27	.22	.16
583-RL207G	B	1000	70	.37	.30	.22

GLASS PASSIVATED (cont.)

Specifications:

- Operating and storage temperature: -65°C to +175°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
3.0 Amp						
583-1N5400G	D	50	200	.34	.25	.19
583-1N5401G	D	100	200	.36	.27	.20
583-1N5402G	D	200	200	.38	.28	.22
583-1N5404G	D	400	200	.40	.30	.23
583-1N5406G	D	600	200	.44	.33	.25
583-1N5407G	D	800	200	.46	.34	.26
583-1N5408G	D	1000	200	.48	.36	.27

HIGH EFFICIENCY

Specifications:

- Operating and storage temperature: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
1.0 Amp						
583-HER101	A	50	30	.11	.08	.064
583-HER102	A	100	30	.13	.09	.072
583-HER103	A	200	30	.14	.10	.080
583-HER104	A	300	30	.15	.11	.088
583-HER105	A	400	30	.19	.13	.11
583-HER106	A	600	30	.22	.16	.13
583-HER107	A	800	30	.28	.20	.16
583-HER108	A	1000	30	.32	.23	.18
2.0 Amp						
583-HER201	B	50	60	.22	.16	.12
583-HER203	B	200	60	.23	.17	.13
583-HER204	B	300	60	.24	.17	.14
583-HER205	B	400	60	.26	.18	.15
583-HER206	B	600	60	.32	.23	.18
583-HER207	B	800	60	.38	.27	.22
583-HER208	B	1000	60	.44	.31	.25
3.0 Amp						
583-HER301	D	50	200	.31	.22	.18
583-HER302	D	100	200	.34	.24	.19
583-HER303	D	200	200	.39	.28	.22
583-HER304	D	300	200	.40	.29	.23
583-HER305	D	400	200	.45	.32	.26
583-HER306	D	600	150	.50	.36	.29
583-HER307	D	800	150	.55	.39	.31
583-HER308	D	1000	150	.60	.43	.34
5.0 Amp						
583-HER501	D	50	200	.42	.30	.24
583-HER502	D	100	200	.46	.33	.26
583-HER503	D	200	200	.50	.36	.29
583-HER504	D	300	200	.55	.39	.31
583-HER505	D	400	200	.61	.44	.35
583-HER506	D	600	150	.68	.49	.39
583-HER507	D	800	150	.75	.54	.43
583-HER508	D	1000	150	.82	.58	.47
8.0 Amp						
583-HER801	F	50	200	1.97	1.41	1.13
583-HER802	F	100	200	2.14	1.53	1.22
583-HER803	F	200	200	2.30	1.64	1.31
583-HER804	F	300	200	2.46	1.76	1.41
16.0 Amp						
583-HER1601C	G	50	200	2.61	1.87	1.49
583-HER1603C	G	200	200	2.89	2.07	1.65
583-HER1605C	G	400	200	3.53	2.52	2.02

RECTRON Rectifiers

♦Surface Mount Device

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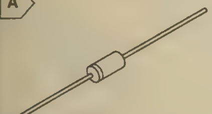
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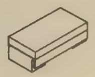
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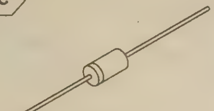
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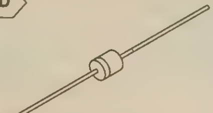
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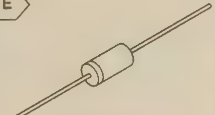
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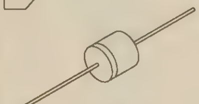
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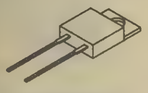
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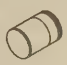
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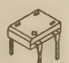
DB-1

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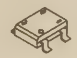
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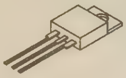
TO-220

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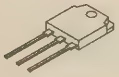

TO-247

FAST RECOVERY

Specifications:

- Operating temp.: -65°C to +150°C
- Storage temp.: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
1.0 Amp						
583-FR101	A	50	150	.08	.056	.043
♦ 583-FFM101	B	50	150	.27	.19	.15
583-FR102	A	100	150	.08	.059	.045
♦ 583-FFM102	B	100	150	.29	.21	.16
583-FR103	A	200	150	.09	.063	.048
♦ 583-FFM103	B	200	150	.32	.23	.17
583-FR104	A	400	150	.10	.069	.053
♦ 583-FFM104	B	400	150	.37	.26	.20
583-FR105	A	600	250	.10	.073	.055
♦ 583-FFM105	B	600	250	.40	.28	.22
583-FR106	A	800	500	.11	.076	.058
583-FR107	A	1000	500	.12	.086	.065
583-1N4933	A	50	200	.07	.05	.038
583-1N4934	A	100	200	.08	.056	.043
583-1N4935	A	200	200	.08	.059	.045
583-1N4936	A	400	200	.09	.066	.050
583-1N4937	A	600	200	.11	.076	.058
583-1N4942	A	200	150	.11	.079	.060
583-1N4944	A	400	150	.11	.079	.060
583-1N4946	A	600	250	.12	.083	.063
583-1N4947	A	800	250	.12	.086	.065
583-1N4948	A	1000	500	.13	.092	.070
1.5 Amp						
583-FR151	C	50	150	.12	.089	.068
583-FR152	C	100	150	.15	.11	.08
583-FR153	C	200	150	.15	.11	.08
583-FR154	C	400	150	.16	.11	.085
583-FR155	C	600	250	.17	.13	.095
583-FR156	C	800	500	.19	.14	.10
583-FR157	C	1000	500	.21	.15	.11
2.0 Amp						
583-FR201	C	50	150	.17	.12	.09
583-FR202	C	100	150	.19	.14	.10
583-FR203	C	200	150	.20	.15	.11
583-FR204	C	400	150	.22	.16	.12
583-FR205	C	600	250	.24	.17	.13
583-FR206	C	800	500	.28	.20	.15
583-FR207	C	1000	500	.31	.22	.17
2.5 Amp						
583-FR251	D	50	150	.25	.18	.14
583-FR252	D	100	150	.27	.19	.15
583-FR254	D	400	150	.31	.22	.17
583-FR255	D	600	250	.35	.25	.19
583-FR256	D	800	500	.39	.28	.21
583-FR257	D	1000	500	.45	.32	.24
3.0 Amp						
583-FR301	E	50	150	.27	.19	.15
583-FR302	E	100	150	.29	.21	.16
583-FR303	E	200	150	.31	.22	.17
583-FR304	E	400	150	.33	.23	.18
583-FR305	E	600	250	.34	.24	.18
583-FR306	E	800	500	.38	.27	.21
583-FR307	E	1000	500	.41	.29	.22
6.0 Amp						
583-FR601	F	50	150	.83	.60	.45
583-FR602	F	100	150	.89	.64	.48
583-FR603	F	200	150	.94	.68	.51
583-FR604	F	400	150	.99	.71	.54
583-FR605	F	600	250	1.11	.80	.60
583-FR606	F	800	500	1.21	.86	.66
583-FR607	F	1000	500	1.32	.95	.72
8.0 Amp						
583-FR801	G	50	150	2.24	1.61	1.22
583-FR802	G	100	150	2.39	1.72	1.30
583-FR803	G	200	150	2.54	1.82	1.38
583-FR804	G	400	150	2.69	1.93	1.46
583-FR805	G	600	250	3.03	2.17	1.65

FAST RECOVERY, GLASS PASSIVATED

Specifications:

- Operating temp.: -65°C to +150°C
- Storage temp.: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
1.0 Amp						
583-FR101G	A	50	150	.18	.13	.098
583-FR102G	A	100	150	.19	.14	.10
583-FR103G	A	200	150	.20	.15	.11
583-FR104G	A	400	150	.21	.15	.12
583-FR107G	A	1000	500	.26	.18	.14
583-1N4933G	A	50	200	.18	.13	.098
♦ 583-FM4933	B	50	200	.29	.21	.16
583-1N4934G	A	100	200	.19	.14	.10
♦ 583-FM4934	B	100	200	.29	.21	.16
583-1N4935G	A	200	200	.20	.14	.11
♦ 583-FM4935	B	200	200	.35	.25	.19
583-1N4936G	A	400	200	.22	.16	.12
583-1N4937G	A	600	200	.24	.17	.13
♦ 583-FM4937	B	600	200	.40	.29	.22
3.0 Amp						
583-FR302G	E	100	150	.48	.34	.26
583-FR303G	E	200	150	.52	.37	.28
583-FR304G	E	400	150	.54	.39	.30
583-FR305G	E	600	250	.61	.44	.33
583-FR307G	E	1000	500	.75	.54	.41

SUPER FAST RECOVERY

Specifications:

- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
1.0 Amp						
583-SF11	A	50	35	.24	.21	.17
♦ 583-EFM101	B	50	35	.31	.26	.22
583-SF12	A	100	35	.25	.21	.18
♦ 583-EFM102	B	100	35	.33	.29	.24
583-SF14	A	200	35	.28	.24	.20
♦ 583-EFM104	B	200	35	.37	.32	.27
583-SF15	A	300	35	.34	.29	.25
583-SF16	A	400	35	.39	.33	.28
♦ 583-EFM106	B	400	35	.47	.41	.34
♦ 583-EDB101S	J	50	50	1.04	.89	.74
583-EDB102	I	100	50	1.07	.92	.76
♦ 583-EDB102S	J	100	50	1.11	.95	.80
♦ 583-EDB104S	J	200	50	1.18	1.01	.85
2.0 Amp						
583-SF21	C	50	35	.32	.28	.23
583-SF22	C	100	35	.33	.28	.23
583-SF24	C	200	35	.37	.32	.27
583-SF25	C	300	35	.43	.37	.31
583-SF26	C	400	35	.54	.46	.38
3.0 Amp						
583-SF31	E	50	35	.88	.75	.63
583-SF32	E	100	35	.90	.77	.64
583-SF34	E	200	35	.97	.83	.69
583-SF35	E	300	35	1.15	.98	.82
583-SF36	E	400	35	1.34	1.15	.96
5.0 Amp						
583-SF51	E	50	35	1.08	.92	.77
583-SF52	E	100	35	1.11	.95	.80
583-SF54	E	200	35	1.18	1.01	.85
583-SF55	E	300	35	1.42	1.22	1.02
583-SF56	E	400	35	1.66	1.43	1.19

SUPER FAST RECOVERY (cont.)

- Operating temperature: -65°C to +150°C
- Storage temperature: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
8.0 Amp						
583-SF81	G	50	35	1.84	1.58	1.32
583-SF82	G	100	35	1.87	1.60	1.34
583-SF84	G	200	35	1.93	1.66	1.38
583-SF85	G	300	50	2.82	2.42	2.02
583-SF86	G	400	50	3.72	3.19	2.66
16.0 Amp						
583-SF162C	K	100	35	3.37	2.89	2.41
583-SF164C	K	200	35	3.48	2.98	2.49
583-SF166C	K	400	50	4.49	3.85	3.21
30.0 Amp						
583-SF304C	L	200	35	7.33	6.29	5.24

SCHOTTKY BARRIER

Specifications:

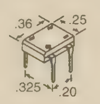
- Operating temperature: -65°C to +125°C
- Storage temperature: -65°C to +150°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	Trr (ns)	Price Each		
				1	100	500
1.0 Amp						
583-1N5817	A	20	25	.28	.21	.18
♦ 583-FM5817	B	20	25	.48	.34	.27
583-1N5818	A	30	25	.28	.21	.18
♦ 583-FM5818	B	30	25	.43	.31	.25
583-1N5819	A	40	25	.28	.21	.18
♦ 583-FM5819	B	40	25	.43	.31	.25
583-SR120	A	20	40	.28	.21	.18
583-SR130	A	30	40	.28	.21	.18
583-SR140	A	40	40	.28	.21	.18
583-SR150	A	50	40	.32	.24	.20
583-SR160	A	60	40	.40	.30	.25
3.0 Amp						
583-1N5820	E	20	80	.64	.48	.40
583-1N5821	E	30	80	.64	.48	.40
583-1N5822	E	40	80	.64	.48	.40
583-SR320	E	20	150	.66	.50	.42
583-SR330	E	30	150	.66	.50	.42
583-SR340	E	40	150	.66	.50	.42
583-SR350	E	50	150	.69	.52	.43
583-SR360	E	60	150	.86	.64	.54
5.0 Amp						
583-SR520	E	20	150	1.14	.86	.72
583-SR530	E	30	150	1.19	.89	.75
583-SR540	E	40	150	1.19	.89	.75
583-SR550	E	50	150	1.29	.97	.81
583-SR560	E	60	150	1.39	1.04	.87
8.0 Amp						
583-SR820	G	20	150	1.68	1.26	1.05
583-SR840	G	40	150	1.89	1.42	1.18
583-SR860	G	60	150	2.52	1.89	1.57
16.0 Amp						
583-SR1640C	K	40	150	2.70	2.03	1.69
583-SR1645C	K	45	150	2.79	2.09	1.74
583-SR1660C	K	60	150	2.97	2.23	1.86
30.0 Amp						
583-SR3020C	L	20	300	4.92	3.69	3.08
583-SR3035C	L	35	300	5.26	3.95	3.29

RECTRON Bridge Rectifiers

DIMENSIONS (IN.)

A


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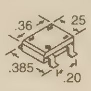

DB-S

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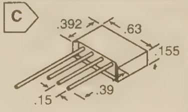

RS-1

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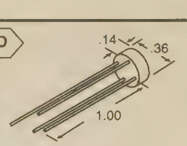

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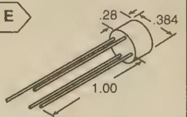

RC-2

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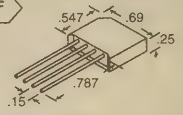

RS-2L

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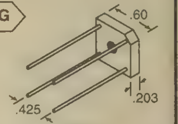

BR-3

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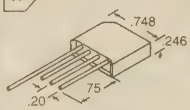

RS-4L

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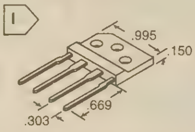

RS-10M

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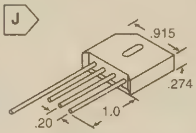
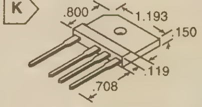


RS-6 / RS-8

K


RS-6M / RM-8M
RM-15M / RM-20M

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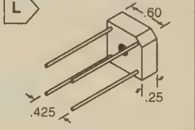

BR-6

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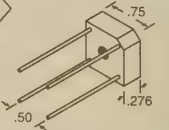

BR-8

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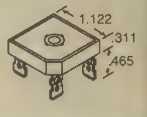


MP-15 / MP-25 / MP-35

*UL File No. 94233

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
1.0 Amp						
* 583-DB101	A	50	50	.31	.26	.21
◆* 583-DB101S	B	50	50	.37	.32	.25
* 583-DB102	A	100	50	.33	.28	.22
◆* 583-DB102S	B	100	50	.39	.33	.27
* 583-DB103	A	200	50	.36	.31	.25
◆* 583-DB103S	B	200	50	.41	.35	.28
* 583-DB104	A	400	50	.37	.32	.25
* 583-DB105	A	600	50	.41	.35	.28
◆* 583-DB105S	B	600	50	.47	.40	.32
* 583-DB106	A	800	50	.50	.43	.34
◆* 583-DB106S	B	800	50	.57	.49	.39
* 583-DB107	A	1000	50	.50	.43	.34
◆* 583-DB107S	B	1000	50	.63	.54	.43
◆ 583-EDB101S	B	50	30	1.04	.89	.74
583-EDB102	A	100	30	1.07	.92	.76
◆ 583-EDB102S	B	100	30	1.11	.95	.80
◆ 583-EDB104S	B	200	30	1.18	1.01	.85
* 583-RS101	C	50	30	.37	.32	.25
* 583-RS102	C	100	30	.39	.34	.27
* 583-RS103	C	200	30	.40	.34	.28
* 583-RS104	C	400	30	.42	.36	.29
* 583-RS105	C	600	30	.48	.40	.33
* 583-RS106	C	800	30	.53	.46	.37
583-RS107	C	1000	30	.59	.50	.40
* 583-MDA100G	C	50	30	.39	.33	.27
* 583-MDA101G	C	100	30	.44	.34	.28
* 583-MDA104G	C	400	30	.47	.40	.32
* 583-MDA106G	C	600	30	.49	.41	.33
* 583-MDA108G	C	800	30	.57	.48	.39
1.5 Amp						
* 583-RB151	D	50	50	.26	.22	.18
* 583-RB152	D	100	50	.27	.23	.19
* 583-RB153	D	200	50	.28	.24	.19
* 583-RB154	D	400	50	.29	.25	.20
* 583-RB155	D	600	50	.37	.31	.25
583-RB156	D	800	50	.39	.34	.27
583-RB157	D	1000	50	.42	.36	.29
2.0 Amp						
583-RC201	E	50	60	.32	.27	.22
583-RC202	E	100	60	.33	.28	.22
583-RC203	E	200	60	.34	.29	.23
583-RC204	E	400	60	.36	.31	.25
583-RC205	E	600	60	.39	.34	.27
583-RC206	E	800	60	.45	.38	.31
* 583-RS201L	F	50	60	.41	.35	.28
* 583-RS202L	F	100	60	.42	.36	.29
* 583-RS203L	F	200	60	.44	.37	.30
* 583-RS204L	F	400	60	.45	.38	.31
* 583-RS205L	F	600	60	.48	.41	.33
* 583-RS206L	F	800	60	.51	.43	.35
* 583-RS207L	F	1000	60	.55	.47	.38
583-MDA200G	C	50	50	.39	.34	.27
583-MDA201G	C	100	50	.39	.34	.27
583-MDA202G	C	200	50	.39	.34	.27
583-MDA204G	C	400	50	.42	.36	.29
583-MDA206G	C	600	50	.46	.39	.31
583-MDA208G	C	800	50	.51	.44	.35
583-MDA210G	C	1000	50	.56	.48	.38
3.0 Amp						
* 583-BR305	G	50	50	.41	.35	.28
* 583-BR31	G	100	50	.42	.36	.29
* 583-BR32	G	200	50	.44	.37	.30
* 583-BR34	G	400	50	.46	.39	.31
* 583-BR36	G	600	50	.49	.41	.33
* 583-BR38	G	800	50	.58	.49	.40
583-BR310	G	1000	50	.61	.52	.42

For quantities greater than listed, call for quote.

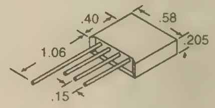
MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
4.0 Amp						
* 583-RS401L	H	50	200	.73	.63	.50
* 583-RS402L	H	100	200	.73	.63	.50
* 583-RS403L	H	200	200	.80	.69	.55
* 583-RS404L	H	400	200	.82	.70	.56
* 583-RS405L	H	600	200	.85	.72	.58
* 583-RS406L	H	800	200	.96	.82	.66
* 583-RS407L	H	1000	200	1.15	.98	.79
583-RS401M	I	50	150	.81	.69	.55
583-RS402M	I	100	150	.81	.69	.55
583-RS403M	I	200	150	.83	.70	.57
583-RS404M	I	400	150	.84	.72	.58
583-RS405M	I	600	150	.87	.74	.59
583-RS406M	I	800	150	.99	.84	.68
583-RS407M	I	1000	150	1.18	1.01	.81
* 583-MDA970G1	H	50	200	.80	.69	.55
* 583-MDA970G2	H	100	200	.80	.69	.55
* 583-MDA970G3	H	200	200	.86	.73	.59
* 583-MDA970G5	H	400	200	.92	.78	.63
* 583-MDA970G6	H	600	200	.95	.81	.65
* 583-MDA970G8	H	800	200	1.14	.98	.78
* 583-MDA970G10	H	1000	200	1.28	1.09	.88
6.0 Amp						
* 583-RS601	J	50	250	1.01	.86	.69
* 583-RS602	J	100	250	1.04	.89	.71
* 583-RS603	J	200	250	1.13	.96	.77
* 583-RS604	J	400	250	1.19	1.01	.82
* 583-RS605	J	600	250	1.26	1.07	.86
* 583-RS606	J	800	250	1.50	1.28	1.03
583-RS607	J	1000	250	1.61	1.37	1.10
583-RS601M	K	50	200	1.01	.86	.69
583-RS602M	K	100	200	1.04	.89	.71
583-RS603M	K	200	200	1.17	1.00	.80
583-RS604M	K	400	200	1.29	1.10	.89
583-RS605M	K	600	200	1.36	1.16	.93
583-RS606M	K	800	200	1.54	1.32	1.06
583-RS607M	K	1000	200	1.79	1.52	1.23
* 583-BR605	L	50	125	.78	.67	.54
* 583-BR61	L	100	125	.80	.68	.55
* 583-BR62	L	200	125	.90	.77	.62
* 583-BR64	L	400	125	.97	.83	.67
* 583-BR66	L	600	125	1.01	.86	.69
* 583-BR68	L	800	125	1.14	.97	.78
583-BR610	L	1000	125	1.34	1.14	.92
8.0 Amp						
583-RS801	J	50	250	1.01	.86	.69
583-RS802	J	100	250	1.11	.95	.76
583-RS803	J	200	250	1.20	1.02	.82
583-RS804	J	400	250	1.25	1.07	.86
583-RS805	J	600	250	1.35	1.15	.93
583-RS806	J	800	250	1.50	1.28	1.03
583-RS807	J	1000	250	1.72	1.47	1.18
583-RS801M	K	50	200	1.01	.86	.69
583-RS802M	K	100	200	1.11	.95	.76
583-RS803M	K	200	200	1.20	1.02	.82
583-RS804M	K	400	200	1.25	1.06	.86
583-RS805M	K	600	200	1.41	1.21	.97
583-RS806M	K	800	200	1.58	1.35	1.08
583-RS807M	K	1000	200	1.69	1.44	1.16
* 583-BR805	M	50	125	.91	.77	.62
* 583-BR81	M	100	125	.92	.79	.63
* 583-BR82	M	200	125	.94	.80	.64
* 583-BR84	M	400	125	1.07	.91	.73
* 583-BR86	M	600	125	1.14	.97	.78
* 583-BR88	M	800	125	1.27	1.09	.87
583-BR810	M	1000	125	1.41	1.20	.97

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
10 Amp						
* 583-BR1005	M	50	200	1.04	.89	.71
* 583-BR101	M	100	200	1.06	.90	.72
* 583-BR102	M	200	200	1.07	.91	.73
* 583-BR104	M	400	200	1.14	.97	.78
* 583-BR106	M	600	200	1.21	1.03	.83
* 583-BR108	M	800	200	1.34	1.14	.92
583-BR1010	M	1000	200	1.58	1.34	1.08
15 Amp						
* 583-MP1505	N	50	300	2.61	2.22	1.79
* 583-MP151	N	100	300	2.68	2.29	1.84
* 583-MP152	N	200	300	2.74	2.33	1.87
* 583-MP154	N	400	300	2.79	2.37	1.91
* 583-MP156	N	600	300	2.96	2.52	2.03
* 583-MP158	N	800	300	3.15	2.69	2.16
* 583-MP1510	N	1000	300	3.70	3.15	2.54
583-RS1501M	K	50	250	1.72	1.47	1.18
583-RS1502M	K	100	250	1.71	1.46	1.17
583-RS1503M	K	200	250	1.96	1.67	1.34
583-RS1504M	K	400	250	2.01	1.72	1.38
583-RS1505M	K	600	250	2.25	1.92	1.54
583-RS1506M	K	800	250	2.60	2.21	1.78
583-RS1507M	K	1000	250	2.87	2.44	1.97
20 Amp						
583-RS2001M	K	50	300	1.85	1.57	1.27
583-RS2002M	K	100	300	2.00	1.70	1.37
583-RS2003M	K	200	300	2.28	1.75	1.57
583-RS2004M	K	400	300	2.35	2.00	1.61
583-RS2005M	K	600	300	2.64	2.24	1.81
583-RS2006M	K	800	300	3.03	2.58	2.08
583-RS2007M	K	1000	300	3.35	2.85	2.29
25 Amp						
* 583-MP2505	N	50	300	2.66	2.27	1.83
* 583-MP251	N	100	300	2.73	2.33	1.87
* 583-MP252	N	200	300	2.77	2.36	1.90
* 583-MP254	N	400	300	2.84	2.42	1.94
* 583-MP256	N	600	300	2.93	2.49	2.01
* 583-MP258	N	800	300	3.20	2.72	2.19
* 583-MP2510	N	1000	300	3.86	3.29	2.64
35 Amp						
* 583-MP3505	N	50	400	2.83	2.41	1.94
* 583-MP351	N	100	400	2.88	2.45	1.97
* 583-MP352	N	200	400	2.90	2.47	1.99
* 583-MP354	N	400	400	3.26	2.78	2.23
* 583-MP356	N	600	400	3.52	3.00	2.41
* 583-MP358	N	800	400	3.76	3.21	2.58
* 583-MP3510	N	1000	400	3.99	3.40	2.73

BRIDGE RECTIFIERS

DIMENSIONS (IN.)

O


1.0 Amp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	PRV (V)	IFM (Surge) (A)	Price Each		
				1	100	500
333-3N246	O	50	30	.93	.65	.59
333-3N248	O	200	30	.96	.68	.62
333-3N252	O	1000	30	1.26	.98	.88

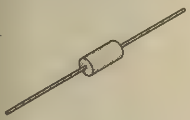
Rectifiers

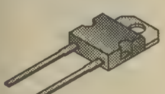
STMicroelectronics

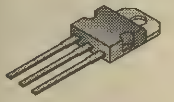
SOT-23

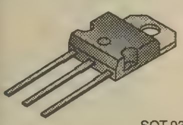
DO-214AA

TO-252/TO-263


DO-35/DO-41/DO-201AD


TO-220AC


TO-220AB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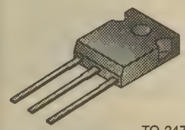
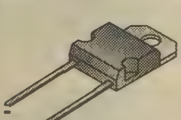
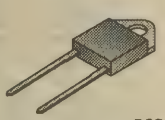

TO-247


SOD-93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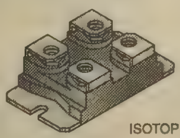

ISOTOP

SCHOTTKY RECTIFIERS

NEW THIS ISSUE

MOUSER STOCK NO.	Case Type	VRMM Max. (V)	IF Max. (A)	VF @ IF Max. (V)	IFSM Max. (A)	Tj Max. (C)	Price Each	
							1	100
Surface Mount								
511-BAR42FILM	SOT-23	30	0.1	1	0.75	150	.28	.24
511-BAR43FILM	SOT-23	30	0.1	1	0.75	150	.32	.27
511-BAR43CFILM	SOT-23	30	0.1	1	0.75	150	.36	.31
511-BAR43SFILM	SOT-23	30	0.1	1	0.75	150	.36	.31
511-BAS70-04FILM	SOT-23	70	0.15	0.41	- - -	150	.34	.29
511-BAS70-05FILM	SOT-23	70	0.15	0.41	- - -	150	.34	.29
511-BAS70-06FILM	SOT-23	70	0.15	0.41	- - -	150	.34	.29
511-STPS125U	DO-214AA	25	1	- - -	- - -	- - -	.61	.52
511-STPS140U	DO-214AA	40	1	0.5	60	150	.42	.36
511-STPS160U	DO-214AA	60	1	0.67	75	150	.50	.43
511-STPS1100U	DO-214AA	100	1.5	0.71	75	115	.68	.58
511-STPS340B	TO-252	40	3	0.63	75	150	.74	.63
511-STPS340U	DO-214AA	40	3	0.63	75	150	.50	.43
511-STPS3100B	TO-252	100	3	0.65	50	125	.82	.70
511-STPS5L25B	TO-252	25	5	0.47	75	150	.89	.76
511-STPS640CB	TO-252	40	2 X 3	0.63	75	150	1.14	.97
511-STPS6100CB	TO-252	100	2 X 3	0.65	50	125	1.62	1.38
511-STPS1545CG	TO-252	45	2 X 7.5	0.84	150	175	1.30	1.11
Thru Hole								
511-1N6263	DO-35	60	0.15	1	50	200	.18	.15
511-BAT46	DO-35	100	0.15	0.25	0.75	115	.14	.12
511-BAT42	DO-35	30	0.2	1	4	125	.14	.12
511-BAT43	DO-35	30	0.2	1	4	125	.14	.12
511-BAT47	DO-35	20	0.35	0.5	7.5	125	.18	.15
511-BAT48	DO-35	20	0.35	0.75	7.5	125	.18	.15
511-BAT49	DO-41	80	0.5	0.42	3	125	.36	.31
511-BYV10-40	DO-41	40	1	0.55	25	125	.30	.26
511-STPS745D	TO-220AC	45	7.5	0.84	150	175	1.02	.87
511-STPS10L25D	TO-220AC	25	10	0.46	200	150	1.92	1.64
511-STPS15L25D	TO-220AC	25	15	0.46	250	150	1.73	1.47
511-STPS1545CT	TO-220AB	45	2 X 7.5	0.57	150	175	1.10	.94
511-STPS20L15D	TO-220AC	15	20	0.41	310	125	2.06	1.75
511-STPS20100CT	TO-220AB	100	2 X 10	0.95	200	125	2.50	2.13
511-STPS2045CT	TO-220AB	45	2 X 10	0.84	180	175	2.00	1.70
511-STPS3045CP	SOT-93	45	2 X 15	0.84	220	175	2.10	1.79
511-STPS3045CT	TO-220AB	45	2 X 15	0.84	220	175	1.90	1.62
511-STPS3045CW	TO-247	45	2 X 15	0.84	220	175	2.10	1.79
511-STPS30L40CW	TO-247	40	2 X 15	0.74	220	150	2.30	1.96
511-STPS4045CW	TO-247	45	2 X 20	0.94	220	175	2.10	1.79
511-STPS40L15CW	TO-247	15	2 X 20	0.52	310	150	3.10	2.64
511-STPS6045CW	TO-247	45	2 X 30	0.84	400	175	3.20	2.72

FAST RECOVERY RECTIFIERS

NEW THIS ISSUE

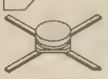
MOUSER STOCK NO.	Case Type	VRMM Max. (V)	IF (AV) Typ. (A)	VF @ IF Max. (V)	trr Typ./Max. (ns)	tfr Typ./Max. (ns)	IFSM Max. (A)	Price Each	
								1	100
Surface Mount									
511-SMBYW01-200	DO-214AA	200	1.0	0.9	25/35	- - - /25	60	.54	.46
511-SMBYW02-200	DO-214AA	200	2.0	0.85	26/35	30/ - - -	50	.60	.51
511-STPR1020CB	TO-252	200	2 X 5	1.2	- - - /30	20/ - - -	50	.94	.80
511-STPR1620CG	TO-263	200	2 X 8	1.25	- - - /30	20/ - - -	80	1.38	1.17
Thru Hole									
511-BYW98-200	DO-201AD	200	3.0	1.2	- - - /35	20/ - - -	70	.44	.37
511-BYW29-200	TO-220AC	200	8.0	1.15	- - - /25	15/ - - -	80	.78	.66
511-STPR1020CT	TO-220AB	200	2 X 5	1.25	- - - /30	20/ - - -	50	.90	.77
511-BYT12P-1000	TO-220AC	1000	12.0	1.9	- - - /155	- - - / - - -	75	3.44	2.92
511-BYW99P-200	SOT-93	200	15.0	1.15	- - - /25	15/ - - -	200	4.44	3.77
511-BYW99W-200	TO-247	200	15.0	1.15	- - - /25	15/ - - -	200	4.80	4.08
511-STPR1620CT	TO-220AB	200	2 X 8	1.25	- - - /30	20/ - - -	80	1.30	1.11
511-BYW51-200	TO-220AB	200	2 X 10	1.15	- - - /25	15/ - - -	100	1.28	1.09
511-BYT30P-400	SOD-93	400	30.0	1.5	- - - /100	- - - / - - -	350	5.16	4.39
511-BYT30P-1000	SOD-93	1000	30.0	1.5	- - - /100	- - - / - - -	350	7.00	5.95
511-BYT30PI-1000	DOP-3I	1000	30.0	1.9	- - - /165	- - - /- - -	200	8.00	6.80
511-BYV54V-200	ISOTOP	200	2 X 50	1	- - - /40	10/ - - -	2000	19.04	16.18
511-BYT261PIV-400	ISOTOP	400	2 X 60	1.5	- - - /100	- - - / - - -	600	30.00	25.50
511-BYV255V-200	ISOTOP	200	2 X 100	1.15	- - - /80	10/ - - -	3200	38.50	32.73

ULTRA FAST RECOVERY RECTIFIERS

NEW THIS ISSUE

MOUSER STOCK NO.	Case Type	VRMM Max. (V)	IF (AV) Typ. (A)	VF @ IF Max. (V)	trr Typ./Max. (ns)	tfr Typ./Max. (ns)	IFSM Max. (A)	Price Each	
								1	100
Surface Mount									
511-STTA106U	DO-214AA	600	1.0	1.75	20/50	- - - /500	25	.60	.51
511-STTB106U	DO-214AA	600	1.0	- - -	- - -	- - -	- - -	.60	.51
511-STTB306B	TO-252	600	3.0	- - -	- - -	- - -	- - -	.65	.55
511-STTA506B	TO-252	600	5.0	1.75	20/50	- - - /500	55	1.40	1.19
511-STTB506B	TO-252	600	5.0	- - -	- - -	- - -	- - -	1.44	1.22
511-STTA1206G	TO-252	600	12.0	1.75	28/55	- - - /500	110	1.80	1.53
Thru Hole									
511-STTA806D	TO-220AC	600	8.0	1.75	25/52	- - - /500	90	1.30	1.11
511-STTA1206DI	TO-220AC	600	12.0	1.75	28/55	- - - /500	110	2.14	1.82
511-STTA3006CW	TO-247	600	2 X 15	1.8	35/65	- - - /500	230	4.78	4.06

CEL California Eastern Laboratories NEC RF Transistors

A

Micro-X

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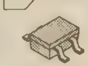
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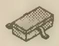
Mini-3

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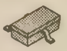
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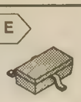
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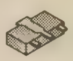
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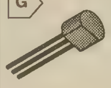
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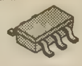
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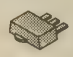
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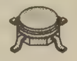
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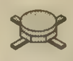
84AS/84AC

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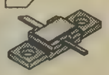

99

SMALL SIGNAL SILICON BIPOLAR TRANSISTORS

◆Surface Mount Device

* Reverse from standard pinout

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Test f (GHz)	NF/GA VCE (V)	NF/GA Ic (mA)	NF TYP (dB)	GA TYP (dB)	Insertion Power Gain			f_T TYP (GHz)	h_{FE} TYP	Ic MAX (mA)	Price Each		
								VCE (V)	Ic (mA)	TYP (dB)				1	100	500
551-NE02135	A	NPN high frequency transistor	0.5	10	3	1.5	16.0	10	20	18.5	4.5	70	70	7.43	6.75	6.15
◆ 551-NE02139	B	NPN high frequency transistor	1.0	10	5	1.5	12.0	10	20	11.0	4.5	70	70	1.32	1.20	1.09
◆ 551-NE68019	C	NPN high frequency transistor	2.0	6	5	1.9	9.5	6	10	9.0	10.0	120	35	.56	.51	.46
◆ 551-NE68030	D	NPN high frequency transistor	2.0	6	5	1.7	9.5	6	10	8.5	10.0	100	35	.62	.56	.52
◆ 551-NE68033	E	NPN high frequency transistor	2.0	6	5	1.8	9.0	6	10	8.0	10.0	100	35	.65	.59	.54
◆ 551-NE68039	B	NPN high frequency transistor	2.0	6	5	1.7	11.0	6	10	9.0	10.0	100	35	.72	.65	.59
*◆ 551-NE68039R	B	NPN high frequency transistor	1.0	2.5	1	1.2	11.5	2.5	1	13.5	10.0	100	35	.72	.65	.59
◆ 551-NE68119	C	NPN high frequency transistor	1.0	8	7	1.4	14.0	8	20	14.0	7.0	120	65	.44	.40	.36
◆ 551-NE68130	D	NPN high frequency transistor	1.0	8	7	1.5	13.5	8	20	13.0	7.0	120	65	.50	.45	.40
551-NE68133	E	NPN high frequency transistor	1.0	8	7	1.2	13.0	8	20	11.0	9.0	100	65	.52	.47	.42
551-NE68135	A	NPN high frequency transistor	2.0	8	7	1.6	12.0	8	20	11.0	9.0	100	65	11.77	10.70	9.66
◆ 551-NE68139	B	NPN high frequency transistor	1.0	8	7	1.2	13.5	8	20	15.0	9.0	100	65	.57	.52	.47
*◆ 551-NE68139R	B	NPN high frequency transistor	1.0	2.5	3	1.1	12.5	2.5	3	15.5	9.0	100	65	.57	.52	.47
◆ 551-NE68518	B	NPN high frequency transistor	2.0	3	3	1.5	8.5	3	10	11.0	12.0	110	30	.61	.55	.50
◆ 551-NE68519	C	NPN high frequency transistor	2.0	3	3	1.5	7.5	3	10	9.0	12.0	110	30	.50	.45	.41
◆ 551-NE68530	D	NPN high frequency transistor	2.0	3	3	1.5	7.0	3	10	8.5	12.0	110	30	.67	.61	.55
◆ 551-NE68533	E	NPN high frequency transistor	2.0	3	3	1.5	7.0	3	10	8.0	12.0	110	30	.72	.65	.59
◆ 551-NE68619	C	NPN high frequency transistor	2.0	1	3	1.5	8.5	1	5	9.0	12.0	100	10	.63	.57	.52
◆ 551-NE68630	D	NPN high frequency transistor	2.0	1	3	1.5	8.0	1	5	8.5	8.5	100	10	.41	.39	.39
◆ 551-NE68719	C	NPN high frequency transistor	2.0	1	3	1.3	7.5	1	10	7.5	9.0	100	30	.52	.47	.43
◆ 551-NE68730	D	NPN high frequency transistor	2.0	1	3	1.3	7.5	1	10	7.5	9.0	100	30	.41	.39	.39
◆ 551-NE68819	C	NPN high frequency transistor	2.0	3	7	1.5	8.0	3	20	8.0	9.5	120	100	.36	.33	.30
◆ 551-NE68833	E	NPN high frequency transistor	2.0	3	7	1.5	7.5	3	20	6.5	8.5	120	100	.52	.47	.42
◆ 551-NE696M01	H	NPN high frequency transistor	2.0	3	3	1.6	9.0	3	10	14.0	14.0	120	30	.63	.57	.52
◆ 551-NE699M01	H	NPN high frequency transistor	2.0	2	1	1.9	9.5	2	1	13.0	9.0	120	30	.67	.61	.55
◆ 551-NE85619	C	NPN high frequency transistor	1.0	10	7	1.4	12.5	3	7	9.0	4.5	120	100	.31	.28	.25
◆ 551-NE85630	D	NPN high frequency transistor	1.0	10	7	1.3	12.0	10	20	12.0	4.5	110	100	.41	.37	.33
551-NE85632	G	NPN high frequency transistor	1.0	5	10	1.6	9.0	10	20	10.0	6.5	120	100	1.05	.95	.85
◆ 551-NE85633	E	NPN high frequency transistor	1.0	10	7	1.4	9.0	10	20	11.5	7.0	120	100	.43	.39	.36
◆ 551-NE85634	F	NPN high frequency transistor	1.0	10	7	1.5	11.5	10	20	9.0	6.5	120	100	1.00	.91	.83
551-NE85635	A	NPN high frequency transistor	2.0	10	7	2.1	10.0	10	20	9.0	7.0	120	100	7.15	6.50	5.65
◆ 551-NE85639	B	NPN high frequency transistor	1.0	10	7	1.5	13.5	10	20	13.0	7.0	120	100	.39	.35	.32
*◆ 551-NE85639R	B	NPN high frequency transistor	1.0	2.5	3	13	10.5	2.5	3	13.0	7.0	12.0	100	.47	.43	.39
◆ 551-NE97733	E	PNP high frequency transistor	1.0	-8	-3	1.5	10.0	-8	-20	12.0	8.5	60	-50	3.54	3.22	2.82
◆ 551-NE97833	E	PNP high frequency transistor	1.0	-10	-3	2.0	7.0	-10	-15	10.0	5.5	40	-50	1.80	1.55	1.35
◆ 551-UPA800T	H	NPN high frequency transistor	1.0	2.5	1.0	1.3	- - -	3	5	7.5	8.5	120	35	1.00	.91	.83
◆ 551-UPA806T	H	NPN high frequency transistor	2.0	3	3	1.5	- - -	3	10	8.5	12.0	100	30	1.00	.91	.83
◆ 551-UPA810T	H	NPN high frequency transistor	1.0	3	7	1.2	- - -	3	7	9.0	4.5	120	100	.91	.83	.75
◆ 551-UPA812T	H	NPN high frequency transistor	1.0	3	7	1.4	- - -	3	7	12.0	7.0	100	65	1.00	.91	.83
◆ 551-UPA814T	H	NPN high frequency transistor	2.0	3	7	1.5	- - -	3	7	5.0	7.0	120	100	1.00	.91	.83

MOUSER STOCK NO.	Fig.	Description	Test f (GHz)	P1dB				MAG			f_T TYP (GHz)	h_{FE} TYP	Ic MAX (mA)	Price Each		
				VCE (V)	Ic (mA)	PIN (dBm)	TYP (dBm)	VCE (V)	Ic (mA)	TYP (dB)				1	100	500
◆ 551-NE02133	E	NPN medium power transistor	1.0	12.5	100	20.5	27.5	10	50	9	5.5	100	250	1.20	1.09	.99
◆ 551-NE46134	F	NPN medium power transistor	1.0	12.5	100	20.5	27.5	10	50	9	5.5	100	250	1.24	1.13	1.03
551-NE461M02	I	NPN medium power transistor	1.0	12.5	100	19.0	27.5	10	50	11	5.5	120	250	1.58	1.44	1.31

MOUSER STOCK NO.	Fig.	Description	Posc				f_T TYP (GHz)	h_{FE} TYP	Ic MAX (mA)	Price Each		
			f (GHz)	VCE (V)	Ic (mA)	TYP (W)				1	100	500
◆ 551-NE94430	D	NPN oscillator/mixer transistor	2.5	2.5	0.4	0.001	2.0	100	50	.35	.32	.28
◆ 551-NE94433	E	NPN oscillator/mixer transistor	2.5	2.5	0.4	0.001	2.0	100	50	.35	.32	.28

MOUSER STOCK NO.	Fig.	Description	CCB VCB (V)	CCB TYP (pF)	f_T TYP (GHz)	Insertion Power Gain				h_{FE} TYP	Ic MAX (mA)	Price Each		
						f (GHz)	VCE (V)	Ic (mA)	TYP (dB)			1	100	500
551-NE73435	A	Switching transistor	10	0.55	3.0	1.0	10	10	9.3	80	50	6.60	6.00	5.60

SMALL SIGNAL GaAs FIELD EFFECT TRANSISTORS

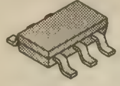
MOUSER STOCK NO.	Fig.	Description	Gate Length (µm)	Gate Width (µm)	Recommended Frequency Range (GHz)	Test Freq. (GHz)	NF/GA Bias		NFOPT (dB)	GA (dB)	Power Bias		P1dB (dBm)	Price Each		
							VDS (mA)	IDS (mA)			VDS (V)	IDS (mA)		1	100	500
◆ 551-NE25118	B	Dual-gate MESFET	1.0	400	0.1 to 6	0.9	5	10	1.1	20.0	5.0	10	12.0	.76	.69	.63
◆ 551-NE25139	B	Dual-gate MESFET	1.0	400	0.1 to 6	0.9	5	10	1.1	20.0	5.0	10	12.0	.74	.67	.61
◆ 551-NE25139U72	B	Dual-gate-MESFET	1.0	400	0.1 to 6	0.9	5	10	1.1	20.0	5.0	10	12.0	.92	.84	.76
◆ 551-NE25339	B	Dual-gate MESFET	1.0	800	0.1 to 4	0.9	5	10	1.1	20.0	5.0	10	15.0	2.15	2.05	1.95
◆ 551-NE325S01	J	Low noise FET	0.2	200	0.1 to 14	12	2.0	10	0.45	12.5	3.0	30	12.0	5.12	4.65	3.45
◆ 551-NE32584C	K	Low noise FET	0.2	200	1.0 to 18	12	2.0	10	0.45	12.5	2.0	20	11.0	6.35	5.25	4.40
◆ 551-NE334S01	J	Low noise FET	0.3	280	0.1 to 14	4	2.0	15	0.25	16.0	3.0	30	14.0	2.92	2.65	2.53
◆ 551-NE34018	B	Low noise Amplifier	0.6	400	0.1 to 6	2	2.0	5	0.6	16.0	3.0	30	16.0	1.91	1.74	1.58
◆ 551-NE425S01	J	Low noise FET	0.2	200	0.1 to 14	12	2.0	10	0.6	12.0	3.0	30	12.0	1.83	1.66	1.51
◆ 551-NE434S01	J	Low noise FET	0.3	280	0.1 to 14	4	2.0	15	0.35	15.5	3.0	30	14.0	1.77	1.61	1.46

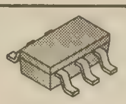
MOUSER STOCK NO.	Fig.	Description	Frequency Range (GHz)	P1dB (dBm)	Gain (dB)	Linear Effeciency @ P1dB (%)	Power Added Frequency (GHz)	Test VDS (V)	IDS @ P1dB (mA)	Linearity (Est.)		Price Each		
										IM (dBc)	POUT SCL (dBm)	1	100	500
551-NE850R599A	L	Medium power MESFET	0.5 to 10	26.5	9.5	40	7.2	10.0	100	45	16.5	42.69	38.81	38.81

CEL California Eastern Laboratories NEC Monolithic Microwave IC's

A

SSOP-8, SSOP-16, SSOP-20 (SSOP-8 Shown)

B

SOT-26

C

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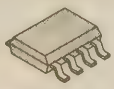
SOP-8

SILICON MMIC's (Monolithic Microwave Integrated Circuits) Electrical Characteristics (TA=25°C)

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Freq. Range @ 3dB Down TYP (MHz)	VCC (V)	Icc (mA)			NF (dB)	Gain (dB)			RLIN TYP (dB)	RLOUT TYP (dB)	P1B TYP (dBm)	ISOL TYP (dB)	Price Each		
					MIN	TYP	MAX	TYP	MIN	TYP	MAX					1	100	500
◆ 551-UPC1678GV	A	Medium power amp.	1900	5	40	49	60	6.0	21	23	25	14	4	+15.9	35	**2.62**	**2.38**	**2.16**
◆ 551-UPC2708TB	C	Wide-band amplifier	2900	5	20	26	33	6.5	13	15	18.5	11	20	+7.5	23	**1.38**	**1.25**	**1.14**
◆ 551-UPC2709TB	C	Wide-band amplifier	2300	5	19	25	32	5.0	21	23	26.5	10	16	+8.7	31	**1.38**	**1.25**	**1.14**
◆ 551-UPC2710TB	C	Wide-band amplifier	1000	5	16	22	29	3.5	30	33	36.5	6	12	+10.8	39	**1.52**	**1.38**	**1.21**
◆ 551-UPC2711TB	C	Wide-band amplifier	1900	5	9	12	15	5.0	11	13	16.5	25	12	-2.6	30	**1.23**	**1.12**	**1.02**
◆ 551-UPC2712TB	C	Wide-band amplifier	2600	5	9	12	15	4.5	18	20	23.5	12	13	-0.4	33	**1.23**	**1.12**	**1.02**
◆ 551-UPC2713T	B	Wide-band amplifier	1200	5	9	12	15	3.2	26	29	33	13	9	+0.3	40	**1.90**	**1.73**	**1.55**
◆ 551-UPC2745TB	C	Wide-band amplifier	2700	3	5	7.5	10	6.0	9	12	14	11	5.5	-3.0	38	**1.18**	**1.07**	**.97**
◆ 551-UPC2745TB	C	Wide-band amplifier	2700	3	5	7.5	10	4.0	9	12	14	11	5.5	-3.0	38	**1.20**	**1.09**	**.98**
◆ 551-UPC2746TB	C	Wide-band amplifier	1500	3	5	7.5	10	4.0	16	19	21	13	8.5	-3.7	45	**1.18**	**1.07**	**.97**
◆ 551-UPC2747T	B	Wide-band amplifier	1800	3	3.8	5	7	3.3	9	12	14	14	10	-10.9	40	**1.45**	**1.32**	**1.21**
◆ 551-UPC2748T	B	Low noise amplifier	1500	3	4.5	6	8	2.8	16	19	21	11.5	8.5	-8.5	40	**1.77**	**1.61**	**1.44**
◆ 551-UPC2749TB	C	Low noise amplifier	2900	3	4	6	8	4.0	13	16	18.5	10	12.5	-12.5	30	**1.32**	**1.20**	**1.09**
◆ 551-UPC2762T	B	Medium power amp.	2900	3	- - -	27	35	6.5	11.5	14.5	17.5	8.5	12	+7.0	25	**1.62**	**1.49**	**1.31**
◆ 551-UPC2762TB	C	Medium power amp.	2900	3	- - -	27	35	6.5	11.5	14.5	17.5	8.5	12	+7.0	25	**1.18**	**1.07**	**.97**
◆ 551-UPC2763TB	C	Medium power amp.	2400	3	- - -	27	35	5.5	16.519	20	22.5	12	9	+6.5	29	**1.18**	**1.07**	**.97**
◆ 551-UPC2771TB	C	Wide-band amplifier	2100	3	- - -	36	45	6.0	21	21	24	14	10	+11.5	30	**1.18**	**1.07**	**.97**
◆ 551-UPC2776TB	C	Wide-band amplifier	2700	5	18	25	33	6.0	10	23	26	7.5	20	+6.0	32	**1.23**	**1.12**	**1.02**
◆ 551-UPC8119T	B	AGC amplifier	100-1900	3	7.5	11	15	8.5	10	12.5	15	6	- - -	+3.0	50	**2.02**	**1.84**	**1.67**

MOUSER STOCK NO.	Fig.	Description	RF Input Freq. Range @ 3dB Down TYP (MHz)	IF Output Freq. Range @ 3dB Down TYP (MHz)	VCC (V)	ICC TYP (mA)	Conversion Gain TYP (dB)	PSAT TYP (dBm)	Noise Figure TYP (dB)	Test Cond. (MHz)		Price Each		
										RF	IF	1	100	500
◆ 551-UPC1686GV	A	Freq. down converter	55-890	10-80	5.0	38	22	+10	12.5	870	50	**2.83**	**2.57**	**2.34**
◆ 551-UPC2756TB	C	Freq. down converter	100-2000	10-300	3.0	6	14	-12	13	1000	20	**2.09**	**1.90**	**1.67**
◆ 551-UPC2757TB	C	Freq. down converter	100-2000	20-300	3.0	5.6	13	-8	13	2000	250	**2.09**	**1.90**	**1.67**
◆ 551-UPC2758TB	C	Freq. down converter	100-2000	20-300	3.0	11	17	-4	13	2000	250	**1.84**	**1.67**	**1.52**
◆ 551-UPC2768GR	D	Freq. down converter	10-450	DC-20	3.0	8	79	- - -	12	450	10	**3.15**	**2.86**	**2.60**
◆ 551-UPC2782GR	D	Freq. down converter	900-2500	150-500	5.0	65	10	+4.5	12	2100	480	**2.57**	**2.34**	**2.13**

MOUSER STOCK NO.	Fig.	Description	IF Input Freq. Range @ 3dB Down (MHz)Typ.	RF Output Freq. Range (MHz) Typ.	VCC (V) Typ.	ICC (mA) Typ.	Conversion Gain (dB) Typ.	PSAT @ 0dBm (dBm) Typ.	Noise Figure (dB) Typ.	Price Each		
										1	100	500
◆ 551-UPC8106T	B	Freq. up converter	50-400	900-2500	3.0	9	10	-2	8.5	**2.30**	**2.07**	**1.85**

MOUSER STOCK NO.	Fig.	Description	I/Q Input Freq. Range @ 3dB Down (MHz)Typ.	Output Freq. Range @ 3dB Down (MHz) Typ.	VCC (V)	ICC (mA)	Image Rejection (dBc) Typ.	Lo Isolation (dBc) Typ.	Output Power (dBm) Typ.	Price Each		
										1	100	500
◆ 551-UPC8105GR	A	Quadrature modulator	DC-10	100-400	3.0	16	40	40	-17.5	**4.44**	**4.04**	**3.67**

MOUSER STOCK NO.	Fig.	Description	I/Q Input Freq. Range @ 3dB Down (MHz)Typ.	Output Freq. Range @ 3dB Down (MHz) Typ.	RF Output Freq. Range (MHz) Typ.	VCC (V)	ICC (mA)	Image Rejection (dBc) Typ.	UP Converter		Price Each		
									Conversion Gain (dBc)	Max Output Power (dBm)	1	100	500
◆ 551-UPC8104GR	A	Quadrature modulator	DC-10	100-400	2400	2.7-5.5	25	40	10^2	-2^2	**8.55**	**7.77**	**7.06**

MOUSER STOCK NO.	Fig.	Description	RF Input Freq. Range @ 3dB Down (MHz)	I/Q Output Range @ 3dB Down (MHz)	Coversion Gain (dB)	3rd Order Intermodulation Distortion (dBc)	I/Q Power Balance (dB)	I/Q Amplitude Balance (dB)	Price Each		
									1	100	500
◆ 551-UPC2766GR	A	Quadrature modulator	DC-1000	DC-100	20	30	±0.3	±0.3	**4.51**	**4.10**	**3.73**

MOUSER STOCK NO.	Fig.	Description	RF Input Freq. Typ. (MHz)	IF Output Freq. Typ. (MHz)	VCC (V)	ICC (mA)	Coversion Gain Typ. (dB)	Price Each		
								1	100	500
◆ 551-UPC2798GR	A	Multifunction IC	20 - 250	DC - 150	5.0	33	25	**3.36**	**3.05**	**2.77**
◆ 551-UPC8116GR	A	Multifunction IC	100 - 500	0.3 - 15	3.0	4.1	110	**3.29**	**2.99**	**2.72**

MOUSER STOCK NO.	Fig.	Description	fIN (GHz)		PIN (dBm)		POUT TYP (dBm)	VCC (V)	ICC (mA)		Divide Ratio	Price Each		
			MIN	MAX	MIN	MAX			MIN	MAX		1	100	500
◆ 551-UPB1506GV	A	Prescaler	0.5	3.0	-15	+6	N/A	5.0	12.5	26.5	64/128/256	**2.83**	**2.57**	**2.34**
◆ 551-UPB1507GV	A	Prescaler	0.5	3.0	-15	+6	N/A	5.0	12.5	26.5	64/128/256	**2.83**	**2.57**	**2.34**
◆ 551-UPB1508GV	A	Prescaler	0.5	3.0	-10	+10	-7	5.0	12 (Typ)	- - -	2	**2.83**	**2.57**	**2.34**
◆ 551-UPB1509GV	A	Prescaler	0.05	1.0	-20	-5	N/A	2.2 to 5.5	5.3 (Typ)	- - -	2 / 4 / 8	**2.83**	**2.57**	**2.34**
◆ 551-UPB1510GV	A	Prescaler	0.5	3.0	-15	+6	-7	5.0	15 (Typ)	- - -	4	**2.83**	**2.57**	**2.34**

MOUSER STOCK NO.	Fig.	Description	Frequency Range (GHz)	Insertion Loss TYP (dB)	Isolation		RLIN MIN (dB)	RLOUT MIN (dB)	P1dB (dBm)	Switching Speed (ns)	VCONT Control Volt. (V)	Price Each		
					@ 1.0GHz (dB)	@ 2.0GHz (dB)						1	100	500
◆ 551-UPG132G	A	L-Band SPDT Switch	0.1-2.5	0.6	22	22	11	11	+30	30	+3/0, +5/0	**2.60**	**2.36**	**2.21**

GaAs MMIC's (Monolithic Microwave Integrated Circuits) Electrical Characteristics (TA=25°C)

◆ 551-UPG137GV	A	L-Band SPDT Switch	0.1 - 2.5	0.6	25	25	11	11	+34	30	+3/0, +5/0	**2.78**	**2.53**	**2.30**
◆ 551-UPG138GV	A	L-Band SPDT Switch	0.1 - 2.5	0.6	30	20	11	11	+34	10	-3/0, -5/0	**3.54**	**3.22**	**2.93**
◆ 551-UPG152TA	C	L-Band SPDT Switch	0.1 - 2.5	0.5	22	20	11	11	+30	30	+3/0, +5/0	**1.30**	**1.18**	**1.07**

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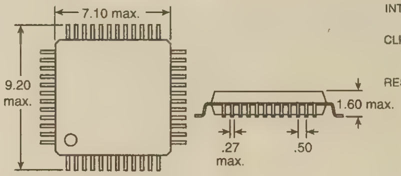
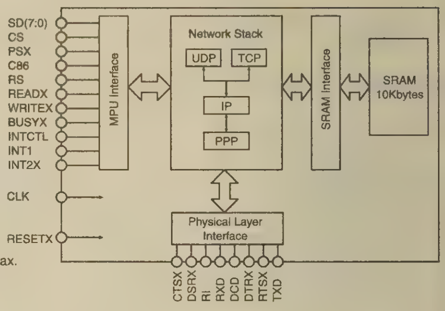
- Low clock rate: bit-rate4
- Low power consumption: less than 3 mW @ 256 kHz operating speed
- 68/80 (MOTO/Intel) MPU bus interface
- UART Interface
- Wide operating voltage range 2.4 ~ 3.6V
- Stand-by mode

DIMENSIONS (mm)



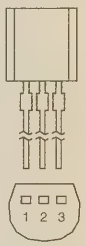
Block Diagram



NEW!

♦ **Surface Mount Device**

A TO-92

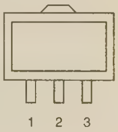


Bottom View

B

SOT-89-3

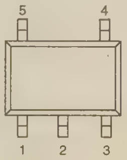
Top View



C

SOT-23-5

Top View



HIGH PRECISION VOLTAGE DETECTORS

These Seiko high precision voltage detectors are developed using CMOS process. The detection voltage is fixed internally, with a high accuracy (±2.4% for 807 Series and ±2.0% for 808 Series). These offer a much lower current consumption and higher detection voltage accuracy.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Package Type	Output Form	Detection Voltage (V)	Hysteresis Width (V) (Typ.)	Current Consumption (µA) (Typ.)	Price Each 1	100	500
628-80820ANY	A	TO-92	N-CH Open	2.0	0.100	1.3 (VDD = 1.5V)	.46	.44	.42
♦ 628-80720AND	B	SOT-89-3	N-CH Open	2.0	0.105	1.4 (VDD = 3.0V)	.58	.52	.46
628-80825ALY	A	TO-92	CMOS	2.5	0.125	1.3 (VDD = 1.5V)	.46	.44	.42
♦ 628-80825ANM	C	SOT-23-5	N-CH Open	2.5	0.125	1.3 (VDD = 1.5V)	.58	.52	.46
♦ 628-80725AND	B	SOT-89-3	N-CH Open	2.5	0.125	1.4 (VDD = 4.5V)	.54	.49	.43
628-80825ANY	A	TO-92	N-CH Open	2.5	0.125	1.3 (VDD = 1.5V)	.46	.44	.42
628-80830ALY	A	TO-92	CMOS	3.0	0.150	1.3 (VDD = 1.5V)	.46	.44	.42
628-80830AN	A	TO-92	N-CH Open	3.0	0.150	1.3 (VDD = 1.5V)	.46	.44	.42
♦ 628-80830ANM	C	SOT-23-5	N-CH Open	3.0	0.150	1.3 (VDD = 1.5V)	.58	.52	.46
♦ 628-80730AND	B	SOT-89-3	N-CH Open	3.0	0.150	1.0 (VDD = 4.5V)	.54	.49	.43
628-80833ALY	A	TO-92	CMOS	3.3	0.165	1.3 (VDD = 1.5V)	.46	.44	.42
628-80733AN	A	TO-92	N-CH Open	3.3	0.165	1.0 (VDD = 4.5V)	.58	.52	.46
♦ 628-80733AND	B	SOT-89-3	N-CH Open	3.3	0.165	1.0 (VDD = 4.5V)	.58	.52	.46
628-80835ALY	A	TO-92	CMOS	3.5	0.175	1.3 (VDD = 1.5V)	.46	.44	.42
628-80835ANY	A	TO-92	N-CH Open	3.5	0.175	1.3 (VDD = 1.5V)	.46	.44	.42
♦ 628-80735AND	B	SOT-89-3	N-CH Open	3.5	0.175	1.0 (VDD = 4.5V)	.54	.49	.43
628-80840ALY	A	TO-92	CMOS	4.0	0.200	1.3 (VDD = 1.5V)	.46	.44	.42
628-80740AN	A	TO-92	N-CH Open	4.0	0.200	1.0 (VDD = 6.0V)	.43	.41	.39
♦ 628-80840ANM	C	SOT-23-5	N-CH Open	4.0	0.200	1.3 (VDD = 1.5V)	.50	.45	.40
♦ 628-80740AND	B	SOT-89-3	N-CH Open	4.0	0.200	1.0 (VDD = 6.0V)	.54	.49	.43
628-80845ALY	A	TO-92	CMOS	4.5	0.225	1.3 (VDD = 1.5V)	.46	.44	.42
628-80745AN	A	TO-92	N-CH Open	4.5	0.230	1.0 (VDD = 6.0V)	.58	.52	.46
♦ 628-80845ANM	C	SOT-23-5	N-CH Open	4.5	0.225	1.3 (VDD = 1.5V)	.58	.52	.46
♦ 628-80845AND	B	SOT-89-3	N-CH Open	4.5	0.225	1.3 (VDD = 1.5V)	.58	.52	.46
628-80750AN	A	TO-92	N-CH Open	5.0	0.250	1.0 (VDD = 6.0V)	.46	.44	.42
♦ 628-80850ANM	C	SOT-23-5	N-CH Open	5.0	0.250	1.3 (VDD = 1.5V)	.58	.52	.46
♦ 628-80750ANJ	B	SOT-89-3	N-CH Open	5.0	0.250	1.0 (VDD = 6.0V)	.54	.49	.43

HIGH PRECISION VOLTAGE REGULATORS

The S-812XXSG Series is a three-terminal positive voltage regulator made using the CMOS process. Since this series has higher precision output voltage and consumes less current than existing three-terminal voltage regulators, battery-powered portable equipment can have a higher performance and a longer service life.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Package Type	Output Voltage (V)	I / O Voltage Difference (V) (Typ.)	Current Consumption (µA) (Typ.)	Input Voltage (V) (Max.)	Price Each 1	100	500
♦ 628-81215SG	B	SOT-89-3	1.5	0.030	1.2	10	.50	.45	.40
♦ 628-81215SGQ	C	SOT-23-5	1.5	0.030	1.2	10	.50	.45	.40
628-81215SGY	A	TO-92	1.5	0.030	1.2	10	.40	.38	.36
♦ 628-81218SG	C	SOT-23-5	1.8	0.720	1.2	10	.50	.45	.40
♦ 628-81225SG	B	SOT-89-3	2.5	0.590	1.2	10	.50	.45	.40
♦ 628-81225SGQ	C	SOT-23-5	2.5	0.590	1.2	10	.50	.45	.40
628-81225SGY	A	TO-92	2.5	0.590	1.2	10	.56	.53	.51
♦ 628-81230SG	B	SOT-89-3	3.0	0.440	1.2	16	.50	.45	.40
♦ 628-81230SGQ	C	SOT-23-5	3.0	0.440	1.2	16	.50	.45	.40
628-81230SGY	A	TO-92	3.0	0.440	1.2	16	.50	.45	.40
♦ 628-81233SG	B	SOT-89-3	3.3	0.370	1.2	16	.50	.45	.40
♦ 628-81233SGQ	C	SOT-23-5	3.3	0.370	1.2	16	.50	.45	.40
628-81233SGY	A	TO-92	3.3	0.370	1.2	16	.70	.63	.56
♦ 628-81235SG	B	SOT-89-3	3.5	0.340	1.2	16	.50	.45	.40
♦ 628-81235SGQ	C	SOT-23-5	3.5	0.340	1.2	16	.70	.63	.56
628-81235SGY	A	TO-92	3.5	0.340	1.2	16	.56	.53	.51
♦ 628-81240SG	B	SOT-89-3	4.0	0.270	1.2	16	.50	.45	.40
♦ 628-81240SGQ	C	SOT-23-5	4.0	0.270	1.2	16	.70	.63	.56
628-81240SGY	A	TO-92	4.0	0.270	1.2	16	.56	.53	.51
♦ 628-81250SG	B	SOT-89-3	5.0	0.160	1.2	16	.50	.45	.40
♦ 628-81250SGQ	C	SOT-23-5	5.0	0.160	1.2	16	.50	.45	.40
628-81250SGY	A	TO-92	5.0	0.160	1.2	16	.70	.63	.56

The S-813 Series high precision three-terminal voltage regulator are made using a CMOS process. The output voltage is fixed internally. This series has a high accuracy of the output voltage (±2.4%) and needs a smaller input/output difference than the S-812XXSG Series, so battery-powered portable equipment can have a higher capacity and longer service life.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Package Type	Output Voltage (V)	I / O Voltage Difference (V) (Typ.)	Current Consumption (µA) (Typ.)	Input Voltage (V) (Max.)	Price Each 1	100	500
628-81330HG	A	TO-92	3.0	0.140	16	15	.56	.53	.51
♦ 628-81330HGK	B	SOT-89-3	3.0	0.140	16	15	.50	.45	.40
♦ 628-81333HGK	B	SOT-89-3	3.3	0.140	16	15	.70	.63	.56
628-81350HG	A	TO-92	5.0	0.160	16	15	.50	.45	.40
♦ 628-81350HGK	B	SOT-89-3	5.0	0.160	16	15	.50	.45	.40

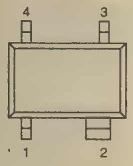
Seiko Instruments Semiconductors

A

NEW!

SC-82AB

Top View



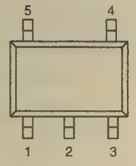
1 Vss
2 VIN
3 VOUT
4 NC

B

NEW!

SOT-23-5

Top View

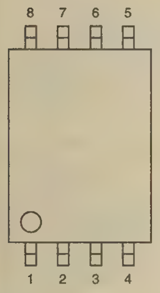


1 ON/$\overline{\text{OFF}}$
2 VOUT
3 NC
4 VSS
5 CONT/EXT

C

NEW!

SSOP-8

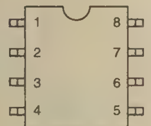


VDIN 1 8 VSS
VCLK 2 7 ON/$\overline{\text{OFF}}$
VSTRE 3 6 CONT/EXT
VOUT 4 5 VIN

D

NEW!

SOP-8



VIN 1 8 VSS
ON/$\overline{\text{OFF}}$ 2 7 CONT
SEL1 3 6 VSW
SEL2 4 5 VOUT

LOW DROPOUT HIGH PRECISION VOLTAGE REGULATORS

♦Surface Mount Device

The S-817 Series is an ultra compact 3-pin positive voltage regulator developed using CMOS technology. Due to housing in an even more miniatured SC-82AB package, the S-817 offers key advantages for small, portable applications. It allows many types of output capacitors, including ceramic types, and ensures highly stable operations at a low load of 1µA.

MOUSER STOCK NO.	Fig.	Package Type	Output Voltage (V)	Dropout Voltage (V) (Typ.)	Current Consumption (µA) (Typ.)	Input Voltage (V) (Max.)	Price Each		
							1	100	500
♦ 628-817A15ANB	A	SC-82AB	1.5	0.580	1.2	10	.58	.52	.46
♦ 628-817A25ANB	A	SC-82AB	2.5	0.310	1.2	10	.58	.52	.46
♦ 628-817A30ANB	A	SC-82AB	3.0	0.250	1.2	10	.58	.52	.46
♦ 628-817A33ANB	A	SC-82AB	3.3	0.250	1.2	10	.58	.52	.46
♦ 628-817A35ANB	A	SC-82AB	3.5	0.220	1.2	10	.58	.52	.46
♦ 628-817A40ANB	A	SC-82AB	4.0	0.190	1.2	10	.58	.52	.46
♦ 628-817A50ANB	A	SC-82AB	5.0	0.160	1.2	10	.58	.52	.46

PFM CONTROLLED STEP-UP SWITCHING REGULATORS

The S-8321 Series is a CMOS PFM control step-up switching regulator which mainly consists of a reference voltage source, an oscillation circuit, a power MOSFET and a comparator. The new method PFM control circuit automatically switches the duty ratio according to load, offering products low ripple over a wide range, high efficiency and high output current. A step-up switching regulator is constructed by externally connecting only a coil, a capacitor and a diode. This feature, along with its small package and low power consumption makes it ideal for the power supply of portable equipment.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Package Type	Output Voltage (V)	Oscillation Frequency (kHz) (Typ.)	Current Consumption		Price Each		
					Operating (µA) (Typ.)	Shutdown (µA) (Max.)	1	100	500
♦ 628-8321ALM	B	SOT-23-5	2.7	100.0	24.0	0.5	.70	.63	.56
♦ 628-8321AIM	B	SOT-23-5	3.0	100.0	26.0	0.5	.70	.63	.56
♦ 628-8321AGM	B	SOT-23-5	3.3	100.0	29.0	0.5	.70	.63	.56
♦ 628-8321AAM	B	SOT-23-5	5.0	100.0	49.0	0.5	.70	.63	.56

PWM CONTROLLED STEP-UP SWITCHING REGULATORS

The S-8323 Series is a CMOS PWM control step-up switching regulator which mainly consists of a reference voltage source, an oscillation circuit, a power MOSFET and an error amplifier. Equipped with best designed control circuits, the products maintain high efficiency over a wide range of conditions with the capability of automatically controlling the duty ratio from 0% to 83% according to each applied load. A step-up switching regulator is constructed by externally connecting only a coil, a capacitor and a diode. This feature, along with its small package and low current consumption make it ideal for the power supply of portable equipment.

♦ 628-8323A27MC	B	SOT-23-5	2.7	50.0	15.5	0.5	.70	.63	.56
♦ 628-8323A30MC	B	SOT-23-5	3.0	50.0	17.2	0.5	.70	.63	.56
♦ 628-8323A33MC	B	SOT-23-5	3.3	50.0	19.1	0.5	.70	.63	.56
♦ 628-8323A50MC	B	SOT-23-5	5.0	50.0	30.2	0.5	.70	.63	.56

PWM/PFM CONTROLLED STEP-UP SWITCHING REGULATORS

The S-8324 Series is a CMOS PWM/PFM control step-up switching regulator which mainly consists of a reference voltage source, an oscillation circuit, a power MOSFET and an error amplifier. The new method PWM/PFM control circuit automatically switches the control method according to the current load, offering products of a wide range, high efficiency. It is constructed by externally connecting only a coil, a capacitor and a diode. This feature, along with its small package and low current consumption make it ideal for the power supply of portable equipment.

♦ 628-8324A27MC	B	SOT-23-5	2.7	50.0	15.5	0.5	.70	.63	.56
♦ 628-8324A30MC	B	SOT-23-5	3.0	50.0	17.2	0.5	.70	.63	.56
♦ 628-8324A33MC	B	SOT-23-5	3.3	50.0	19.1	0.5	.70	.63	.56
♦ 628-8324A50MC	B	SOT-23-5	5.0	50.0	30.2	0.5	.70	.63	.56

PWM CONTROLLED STEP-UP SWITCHING REGULATORS

The S-8330 Series is a CMOS PWM control step-up switching regulator which mainly consists of a reference voltage source, an oscillation circuit, a power MOSFET and an error amplifier. The output voltage can be adjusted by a built-in electric volume circuit and its equipped with a shutdown function. It is a low current consumption device because of it's CMOS structure. A step-up switching regulator is constructed by externally connecting only a coil, a capacitor and a diode. This feature, along with its 8-pin SSOP package and a few external components make it ideal for LCD bias generators of portable equipment.

♦ 628-8330A20FS	C	SSOP-8	2.0	180.0	100.0	1.0	1.90	1.71	1.52
♦ 628-8330A24FS	C	SSOP-8	2.4	180.0	100.0	1.0	1.90	1.71	1.52
♦ 628-8330A30FS	C	SSOP-8	3.0	180.0	100.0	1.0	1.90	1.71	1.52

STEP-UP AND DOWN VOLTAGE REGULATORS

The S-8430AF is a chopper-type DC/DC converter made using the CMOS process. It automatically steps the voltage up and down according to the input voltage. When the input voltage is higher than the output voltage it operates as a series regulator. When the input voltage is lower than the output voltage, it operates as a combinaiton of a step-up switching regulator and a series regulator. The output voltage for normal operation can be selected from either 5V or 3V and the output level during shutdown can be selected from either the VSS level or the input voltage level.

MOUSER STOCK NO.	Fig.	Package Type	Output Voltage (V)	Oscillation Frequency (kHz) (Typ.)	Current Consumption		Price Each		
					Operating (µA) (Typ.)	Shutdown (µA) (Max.)	1	100	500
♦ 628-8430AF	D	SOP-8	3.0	40.0	11.0	2.0	1.68	1.51	1.34

INVERTING SWITCHING REGULATORS

The S-8437/8438 Series is a CMOS inverting switching regulator that consists of a reference voltage source, a CR oscillation circuit, a power MOSFET and an error amplifier. Both devices are suitable for portable devices because of their small 5-pin package, low current consumption and few external parts.

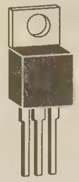
♦ 628-8437AF	B	SOT-23-5	5.0	50.0	13.0	0.1	1.50	1.35	1.20
♦ 628-8438AF	B	SOT-23-5	5.0	50.0	9.0	- - -	1.50	1.35	1.20

PWM/PFM CONTROLLED STEP-DOWN SWITCHING REGULATOR CONTROLLERS

The S-8521 Series is a CMOS regulator which consists of a reference voltage source, an oscillation circuit, an error amplifier and other components. It works with either PWM control or PFM control and can switch from one to the other. It normally operates using the PWM control with a duty ratio of 25% to 100%, but under a light load, it automatically switches to PFM control with a duty ratio of 25%. This ensures a high efficiency over a wide range of conditions, from standby mode to operation of peripheral equipment.

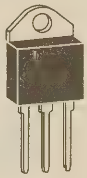
MOUSER STOCK NO.	Fig.	Package Type	Output Voltage (V)	Oscillation Frequency (kHz) (Typ.)	Current Consumption		Price Each		
					Operating (µA) (Typ.)	Shutdown (µA) (Max.)	1	100	500
♦ 628-8521A25MC	B	SOT-23-5	2.5	180.0	35.0	0.5	1.06	.95	.85
♦ 628-8521A30MC	B	SOT-23-5	3.0	180.0	35.0	0.5	1.06	.95	.85
♦ 628-8521A33MC	B	SOT-23-5	3.3	180.0	35.0	0.5	1.06	.95	.85
♦ 628-8521A50MC	B	SOT-23-5	5.0	180.0	35.0	0.5	1.06	.95	.85

A



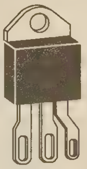
TO-220AB

B



TO-218AC

C



TO-218X

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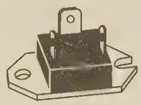
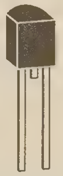


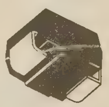
TO-3 Base
Fastpak™

E



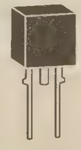
TO-92M

F



DO-214

G



TO-220M

ALTERNISTORS (15.0 TO 40 AMPS)

I = Isolated Case N = Non-Isolated Case

* File # E71639

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	IGT Max. (mA)	IDRM @ 25°C Max. (mA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each 1	100	500
*	519-Q2015L6	A	TO-220AB	I	15.0	200	80	0.05	1.6	2.5	0.5	5.0	2.20	2.00	1.67
*	519-Q4015L6	A	TO-220AB	I	15.0	400	80	0.05	1.6	2.5	0.5	5.0	2.42	2.18	1.82
*	519-Q6015L6	A	TO-220AB	I	15.0	600	80	0.05	1.6	2.5	0.5	5.0	2.58	2.06	1.75
	519-Q2015R6	A	TO-220AB	N	15.0	200	80	0.05	1.6	2.5	0.5	5.0	2.06	1.85	1.55
	519-Q4015R6	A	TO-220AB	N	15.0	400	80	0.05	1.6	2.5	0.5	5.0	2.28	2.05	1.71
	519-Q6015R6	A	TO-220AB	N	15.0	600	80	0.05	1.6	2.5	0.5	5.0	2.64	2.38	1.98
*	519-Q2025L6	A	TO-220AB	I	25.0	200	80	0.05	1.8	2.5	0.5	5.0	4.42	3.85	3.21
*	519-Q4025L6	A	TO-220AB	I	25.0	400	80	0.05	1.8	2.5	0.5	5.0	4.86	4.25	3.54
*	519-Q6025L6	A	TO-220AB	I	25.0	600	80	0.05	1.8	2.5	0.5	5.0	5.60	4.90	4.08
	519-Q2025R6	A	TO-220AB	N	25.0	200	80	0.05	1.8	2.5	0.5	5.0	4.32	3.76	3.14
	519-Q6025R6	A	TO-220AB	N	25.0	600	80	0.05	1.8	2.5	0.5	5.0	5.48	4.79	3.99
*	519-Q2025K6	B	TO-218AC	I	25.0	200	80	0.05	1.8	2.5	0.5	5.0	6.46	5.81	4.84
*	519-Q4025K6	B	TO-218AC	I	25.0	400	80	0.05	1.8	2.5	0.5	5.0	7.18	6.46	5.38
*	519-Q6025K6	B	TO-218AC	I	25.0	600	80	0.05	1.8	2.5	0.5	5.0	8.32	7.49	6.24
*	519-Q2025J6	C	TO-218X	I	25.0	200	80	0.05	1.8	2.5	0.5	5.0	6.60	5.94	4.95
*	519-Q4025J6	C	TO-218X	I	25.0	400	80	0.05	1.8	2.5	0.5	5.0	7.32	6.59	5.49
*	519-Q6025J6	C	TO-218X	I	25.0	600	80	0.05	1.8	2.5	0.5	5.0	8.48	7.63	6.36
*	519-Q8025J6	C	TO-218X	I	25.0	800	80	0.1	1.8	2.5	0.5	5.0	10.36	9.32	7.77
*	519-Q4025P	D	Fastpak	I	25.0	400	80	0.05	1.8	2.5	0.5	5.0	9.32	8.15	6.80
*	519-Q6025P	D	Fastpak	I	25.0	600	80	0.05	1.8	2.5	0.5	5.0	10.82	9.45	7.88
*	519-Q2040J7	C	TO-218X	I	40.0	200	100	0.2	1.8	2.5	0.8	5.0	7.50	6.55	5.46
*	519-Q4040J7	C	TO-218X	I	40.0	400	100	0.2	1.8	2.5	0.8	5.0	8.34	7.27	6.26
*	519-Q6040J7	C	TO-218X	I	40.0	600	100	0.2	1.8	2.5	0.8	5.0	9.66	8.42	7.02
*	519-Q8040J7	C	TO-218X	I	40.0	800	100	0.2	1.8	2.5	0.8	5.0	11.70	10.52	8.78
*	519-Q2040K7	B	TO-218AC	I	40.0	200	100	0.2	1.8	2.5	0.8	5.0	7.32	6.59	5.49
*	519-Q4040K7	B	TO-218AC	I	40.0	400	100	0.2	1.8	2.5	0.8	5.0	8.16	7.34	6.12
*	519-Q6040K7	B	TO-218AC	I	40.0	600	100	0.2	1.8	2.5	0.8	5.0	9.46	8.51	7.10
*	519-Q2040P	D	Fastpak	I	40.0	200	100	0.2	1.8	2.5	0.8	5.0	10.16	8.87	7.40
*	519-Q4040P	D	Fastpak	I	40.0	400	100	0.2	1.8	2.5	0.8	5.0	11.28	9.86	8.22
	519-Q6040P	D	Fastpak	I	40.0	600	100	0.2	1.8	2.5	0.8	5.0	13.10	11.45	9.54

POWER RECTIFIERS

These Teccor power rectifiers come in an electrically-isolated TO-220 package, which allows them to be used in common anode or common cathode circuits using only one part type, thereby simplifying customer's stock requirements.

Features:

- Electrically-isolated packages
- Glass-passivated junctions
- High voltage capabilities
- High surge capabilities

* File # 71639

Package Type: I = Isolated Case N = Non-Isolated Case

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IF RMS Max. (A)	VRRM Min. (V)	VR Min. (V)	IF (AV) Max. (A)	IFSM @ 60Hz Max. (A)	IRM @ 25°C Max. (V)	VFM Max. (V)	I2t A2 (Sec)	Price Each 1	100	500
*	519-D4015L	A	TO-220AB	I	15.0	400	400	9.5	225	0.1	1.6	210	1.74	1.42	1.19
*	519-D6015L	A	TO-220AB	I	15.0	600	600	9.5	225	0.1	1.6	210	2.00	1.64	1.37
*	519-D2020L	A	TO-220AB	I	20.0	200	200	12.7	300	0.1	1.6	374	1.74	1.42	1.19

SIDACS

These sidacs are a silicon bilateral voltage triggered switch with greater power handling capabilities than standard diacs. Upon application of a voltage exceeding the sidac breakover voltage point, it switches on through a negative resistance region to a low on-state voltage. Conduction will continue until the current is interrupted or drops below the minimum holding current of the device.

Features:

- AC circuit oriented
- High surge current capabilities
- Glass-passivated junctions

Applications:

- High voltage lamp ignitors
- Natural gas ignitors
- Gas oil ignitors
- High voltage power supplies
- Over voltage protector
- Pulse generators

Package Type: I = Isolated Case N = Non-Isolated Case

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	V(BO) (V)		IDRM Max. (µA)	IBO Max. (µA)	IH (mA)		Price Each		
						Min.	Max.			Min.	Max.	1	100	500
519-K1200E	E	TO-92M	I	1.0	±90	110	125	10	20	60	150	.94	.83	.69
519-K1300E	E	TO-92M	I	1.0	±90	120	138	10	20	60	150	.94	.83	.69
519-K1500E	E	TO-92M	I	1.0	±90	140	170	10	20	60	150	1.02	.92	.77

SIDACTORS

♦ **Surface Mount Device**

	MOUSER STOCK NO.	Fig.	Case Type	VDRM Min. (V)	VS (V)	VT (V)	IPP (A)	IDRM Max. (µA)	IS (mA)	IT (A)	ITSM (A)	IH (mA)	Price Each 1	100	500
♦	519-P0300SA	F	DO-214	25	40	5	100	5	800	1	20	150	1.25	1.00	.85
	519-P0300EA	E	TO-92M	25	40	5	50	5	800	1	20	150	.86	.77	.65
	519-P0602AA	A	TO-220AB	25	80	5	50	5	800	1	20	150	2.00	1.80	1.51
	519-P0640EA	E	TO-92M	58	77	5	75	5	800	1	20	150	.86	.77	.65
	519-P0720EA	E	TO-92M	65	88	5	75	5	800	1	20	150	.86	.77	.65
	519-P0800EA	E	TO-92M	75	98	5	75	5	800	1	20	150	.86	.77	.65
	519-P1100EA	E	TO-92M	90	130	5	50	5	800	1	20	150	.78	.70	.59
	519-P1300EA	E	TO-92M	120	160	5	50	5	800	1	20	150	.82	.74	.62
	519-P1602AB	A	TO-220AB	130	190	5	100	5	800	1	30	150	2.41	2.17	1.81
♦	519-P1500SA	F	DO-214	140	180	5	50	5	800	1	20	150	2.20	1.65	1.52
	519-P1500EA	E	TO-92M	140	180	5	50	5	800	1	20	150	.86	.77	.65
	519-P2103AA	A	TO-220AB	170	250	10	50	5	800	1	20	150	3.27	2.78	2.36
	519-P2202AB	A	TO-220AB	180	260	5	100	5	800	1	30	150	1.88	1.71	1.44
	519-P2353AA	A	TO-220AB	200	270	10	50	5	800	1	20	150	3.34	2.78	2.36
	519-P2400AA61	G	TO-220M	220	260	5	50	5	800	1	20	150	1.72	1.55	1.31
	519-P2703AB	A	TO-220AB	230	300	10	100	5	800	1	30	150	3.48	3.12	2.62
	519-P3000AA61	G	TO-220M	270	330	5	50	5	800	1	20	150	1.72	1.55	1.31
	519-P3203AB	A	TO-220AB	270	350	10	100	5	800	1	30	150	3.48	3.13	2.62
	519-P3203AC	A	TO-220AB	270	350	10	200	5	800	1	60	150	3.65	3.33	2.77
♦	519-P3100SA	F	DO-214	275	350	5	50	5	800	1	20	150	2.20	1.65	1.52
	519-P3100EA	E	TO-92M	275	350	5	50	5	800	1	20	150	.82	.74	.62
	519-P3100EB	E	TO-92M	275	350	5	150	5	800	1	30	150	1.13	.90	.77
	519-P3002AB	A	TO-220AB	280	360	5	50	5	800	1	30	150	2.52	2.27	1.89
	519-P3403AB	A	TO-220AB	300	400	10	100	5	800	1	30	150	3.48	3.13	2.62

® STMicroelectronics

Triacs

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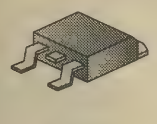
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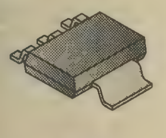
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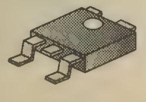
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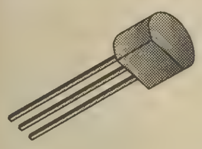
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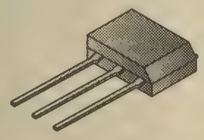
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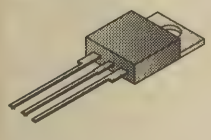
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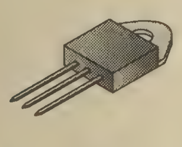
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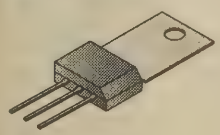
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NON-SENSITIVE GATE TRIACS

(DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Case Type	Pkg. Type	I_{TRMS} Max. (A)	V_{DRM} Min. (V)	I_{GT} Max. (mA)	I_{DRM} @ 25°C Max. (mA)	V_{TM} @ 25°C Max. (V)	P_{G} (AV) (W)	t_{gt} Max. (µSec)	Price Each		
											1	100	500
Thru-hole													
Q4006L5	**511-BTA06-400B**	TO-220AB	I	6.0	400	50	0.01	1.65	1.0	2.0	**0.80**	**0.68**	**0.60**
L4006L9	**511-BTA06-400C**	TO-220AB	I	6.0	400	25	0.01	1.65	1.0	2.0	**0.80**	**0.68**	**0.60**
Q6006L4	**511-BTA06-600B**	TO-220AB	I	6.0	600	50	0.01	1.65	1.0	2.0	**0.94**	**0.80**	**0.71**
Q6004L4	**511-BTA06-600C**	TO-220AB	I	6.0	600	25	0.01	1.65	1.0	2.0	**0.94**	**0.80**	**0.71**
- - - - - - -	**511-BTB06-600C**	TO-220AB	N	6.0	600	25	0.01	1.65	1.0	2.0	**0.78**	**0.66**	**0.59**
Q4008L5	**511-BTA08-400B**	TO-220AB	I	8.0	400	50	0.01	1.75	1.0	2.0	**0.80**	**0.68**	**0.60**
Q4008L4	**511-BTA08-400C**	TO-220AB	I	8.0	400	25	0.01	1.75	1.0	2.0	**0.84**	**0.71**	**0.63**
- - - - - - -	**511-BTB08-400C**	TO-220AB	N	8.0	400	25	0.01	1.75	1.0	2.0	**0.76**	**0.65**	**0.57**
Q6008L5	**511-BTA08-600B**	TO-220AB	I	8.0	600	50	0.01	1.75	1.0	2.0	**0.94**	**0.80**	**0.71**
- - - - - - -	**511-BTB08-600B**	TO-220AB	N	8.0	600	50	0.01	1.75	1.0	2.0	**0.80**	**0.68**	**0.60**
Q6008L4	**511-BTA08-600C**	TO-220AB	I	8.0	600	25	0.01	1.75	1.0	2.0	**0.94**	**0.80**	**0.71**
Q4010L5	**511-BTA10-400B**	TO-220AB	I	10.0	400	50	0.01	1.50	1.0	2.0	**0.86**	**0.73**	**0.65**
- - - - - - -	**511-BTA10-400C**	TO-220AB	I	10.0	400	25	0.01	1.50	1.0	2.0	**0.88**	**0.75**	**0.66**
Q6010L5	**511-BTA10-600B**	TO-220AB	I	10.0	600	50	0.01	1.50	1.0	2.0	**1.08**	**0.92**	**0.81**
- - - - - - -	**511-BTA10-600C**	TO-220AB	I	10.0	600	25	0.01	1.50	1.0	2.0	**1.08**	**0.92**	**0.81**
Q4012L5	**511-BTA12-400B**	TO-220AB	I	12.0	400	50	0.01	1.50	1.0	2.0	**0.98**	**0.83**	**0.74**
- - - - - - -	**511-BTA12-400C**	TO-220AB	I	12.0	400	25	0.01	1.50	1.0	2.0	**0.98**	**0.83**	**0.74**
Q6012L5	**511-BTA12-600B**	TO-220AB	I	12.0	600	50	0.01	1.50	1.0	2.0	**1.16**	**0.99**	**0.87**
- - - - - - -	**511-BTA12-600C**	TO-220AB	I	12.0	600	25	0.01	1.50	1.0	2.0	**1.04**	**0.88**	**0.78**
- - - - - - -	**511-BTB12-600B**	TO-220AB	N	12.0	600	50	0.01	1.50	1.0	2.0	**1.16**	**0.99**	**0.87**
Q4015L5	**511-BTA16-400B**	TO-220AB	I	16.0	400	50	0.01	1.60	1.0	2.0	**1.26**	**1.07**	**0.95**
Q6015L5	**511-BTA16-600B**	TO-220AB	I	16.0	600	50	0.01	1.60	1.0	2.0	**1.36**	**1.16**	**1.02**
Q6015R5	**511-BTB16-600B**	TO-220AB	N	16.0	600	50	0.01	1.60	1.0	2.0	**1.18**	**1.00**	**0.89**
- - - - - - -	**511-BTA26-600B**	TO-3P	I	25.0	600	50	0.01	1.70	1.0	2.5	**4.80**	**4.08**	**3.60**
- - - - - - -	**511-BTA26-700B**	TO-3P	I	25.0	700	100	0.01	1.70	1.0	2.5	**3.60**	**3.06**	**2.70**
Q5025L5	**511-BTB24-600B**	TO-220AB	N	25.0	600	50	0.01	1.80	1.0	2.5	**1.78**	**1.51**	**1.34**
- - - - - - -	**511-BTB24-600BRG**	TO-220AB	N	25.0	600	50	0.01	1.80	1.0	2.0	**1.62**	**1.38**	**1.22**
- - - - - - -	**511-BTA41-400B**	TO-3P	I	40.0	400	50	0.01	1.80	1.0	2.5	**5.20**	**4.42**	**3.90**
Q6040K7	**511-BTA41-600A**	TO-3P	I	40.0	600	100	0.01	1.80	1.0	2.5	**3.78**	**3.21**	**2.84**
- - - - - - -	**511-BTA41-600B**	TO-3P	I	40.0	600	50	0.01	1.80	1.0	2.5	**7.50**	**6.38**	**5.63**
- - - - - - -	**511-BTB41-600B**	TO-3P	N	40.0	600	50	0.01	1.80	1.0	2.5	**6.00**	**5.10**	**4.50**
- - - - - - -	**511-BTA41-700B**	TO-3P	I	40.0	700	50	0.01	1.80	1.0	2.5	**4.16**	**3.54**	**3.12**
- - - - - - -	**511-BTB41-800B**	TO-3P	N	40.0	800	50	0.01	1.80	1.0	2.5	**6.40**	**5.44**	**4.80**

SENSITIVE GATE TRIACS

(DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Case Type	Pkg. Type	I_{TRMS} Max. (A)	V_{DRM} Min. (V)	I_{GT} Max. (mA)	I_{DRM} @ 25°C Max. (mA)	V_{TM} @ 25°C Max. (V)	P_{G} (AV) (W)	t_{gt} Max. (µSec)	Price Each		
											1	100	500
Surface Mount													
- - - - - - -	**511-Z0103MN**	SOT-223	N	1.0	600	5	0.01	1.80	0.1	2.0	**0.65**	**0.55**	**0.48**
- - - - - - -	**511-Z0107MN**	SOT-223	N	1.0	600	7	0.01	1.80	0.1	2.0	**0.63**	**0.54**	**0.47**
- - - - - - -	**511-Z0109DN**	SOT-223	N	1.0	400	10	0.01	1.80	0.1	2.0	**0.62**	**0.53**	**0.46**
- - - - - - -	**511-Z0109MN**	SOT-223	N	1.0	600	10	0.01	1.80	0.1	2.0	**0.63**	**0.54**	**0.47**
- - - - - - -	**511-T405-600B**	TO-252	N	4.0	600	5	0.01	1.75	1.0	2.0	**0.68**	**0.57**	**0.51**
Thru-hole													
- - - - - - -	**511-Z00607MA**	TO-92	N	0.8	600	5	0.01	1.50	0.1	2.0	**0.24**	**0.20**	**0.18**
- - - - - - -	**511-T405-600T**	TO-220AB	N	4.0	600	5	0.01	1.75	1.0	2.0	**0.62**	**0.53**	**0.47**
- - - - - - -	**511-T410-400T**	TO-220AB	N	4.0	400	10	0.01	1.75	1.0	2.0	**0.58**	**0.49**	**0.44**
- - - - - - -	**511-T410-600T**	TO-220AB	N	4.0	600	10	0.01	1.75	1.0	2.0	**0.60**	**0.51**	**0.45**
- - - - - - -	**511-Z0402MF**	TO-202-3	N	4.0	600	3	0.005	2.00	0.2	2.0	**0.80**	**0.68**	**0.60**
- - - - - - -	**511-Z0409MF**	TO-202-3	N	4.0	600	10	0.005	2.00	0.2	2.0	**0.62**	**0.53**	**0.47**
- - - - - - -	**511-BTA06-600S**	TO-220AB	I	6.0	600	10	0.01	1.65	1.0	2.0	**0.82**	**0.70**	**0.62**
- - - - - - -	**511-BTA06-600T**	TO-220AB	I	6.0	600	5	0.01	1.65	1.0	2.0	**0.90**	**0.77**	**0.68**

LOGIC LEVEL TRIACS

(DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Case Type	Pkg. Type	I_{TRMS} Max. (A)	V_{DRM} Min. (V)	I_{GT} Max. (mA)	I_{DRM} @ 25°C Max. (mA)	V_{TM} @ 25°C Max. (V)	P_{G} (AV) (W)	t_{gt} Max. (µSec)	Price Each		
											1	100	500
Thru-hole													
L601E3	**511-Z0103MA**	TO-92	N	0.8	600	3	0.01	1.50	0.1	2.0	**0.33**	**0.28**	**0.25**
L401E5	**511-Z0107DA**	TO-92	N	0.8	400	5	0.01	1.50	0.1	2.0	**0.30**	**0.26**	**0.23**
L601E5	**511-Z0107MA**	TO-92	N	0.8	600	5	0.01	1.50	0.1	2.0	**0.48**	**0.41**	**0.36**
L401E6	**511-Z0109DA**	TO-92	N	0.8	400	10	0.01	1.50	0.1	2.0	**0.36**	**0.31**	**0.27**
L601E6	**511-Z0109MA**	TO-92	N	0.8	600	10	0.01	1.50	0.1	2.0	**0.42**	**0.36**	**0.32**
L4004F51	**511-Z0405DE**	TO-202-1	N	4.0	400	5	0.005	2.00	0.2	2.0	**0.66**	**0.56**	**0.50**
L6004F52	**511-Z0405MF**	TO-202-2	N	4.0	600	5	0.005	2.00	0.2	2.0	**0.72**	**0.61**	**0.54**
L4004F71	**511-Z0409DE**	TO-202-1	N	4.0	400	10	0.005	2.00	0.2	2.0	**0.56**	**0.48**	**0.42**
L6004F71	**511-Z0409ME**	TO-202-1	N	4.0	600	10	0.005	2.00	0.2	2.0	**0.68**	**0.58**	**0.51**
L4004F81	**511-Z0410DE**	TO-202-1	N	4.0	400	25	0.005	2.00	0.2	2.0	**0.56**	**0.48**	**0.42**
L4004F92	**511-Z0410DF**	TO-202-2	N	4.0	400	25	0.005	2.00	0.2	2.0	**0.56**	**0.48**	**0.42**
L6004F92	**511-Z0410MF**	TO-202-2	N	4.0	600	25	0.005	2.00	0.2	2.0	**0.62**	**0.53**	**0.47**
L6008L7	**511-BTA08-600SW**	TO-220AB	I	8.0	600	10	0.01	1.75	1.0	2.0	**0.92**	**0.78**	**0.69**

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STMicroelectronics

Triacs, SCRs, and Trigger Diodes

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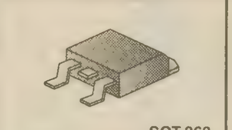
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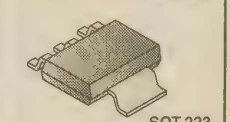
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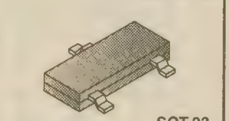
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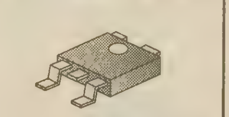
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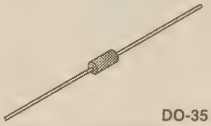
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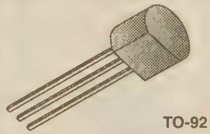
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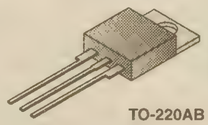
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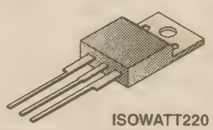
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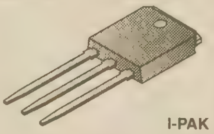
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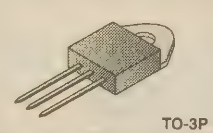
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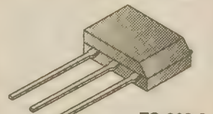
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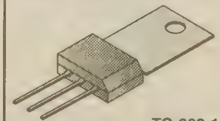
TO-202-1

SNUBBERLESS TRIACS

(DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Case Type	Pkg. Type	I_{TRMS} Max. (A)	V_{DRM} Min. (V)	I_{GT} Max. (mA)	I_{DRM} @ 25°C Max. (mA)	V_{TM} @ 25°C Max. (V)	P_{G} (AV) (W)	tgt Max. (µSec)	Price Each		
											1	100	500
Surface Mount													
- - - - - - -	511-T410-600B	TO-252	N	4.0	600	10	0.01	1.75	1.0	2.0	0.65	0.55	0.49
- - - - - - -	511-T435-600B	TO-252	N	4.0	600	35	0.01	1.75	1.0	2.0	0.62	0.53	0.47
- - - - - - -	511-T835-600G	SOT-263	N	8.0	600	35	0.005	1.50	1.0	2.0	1.44	1.23	1.14
- - - - - - -	511-T1235-600G	SOT-263	N	12.0	600	35	0.005	1.50	1.0	2.0	1.71	1.46	1.37
- - - - - - -	511-T1635-600G	SOT-263	N	16.0	600	35	0.005	1.50	1.0	2.0	2.08	1.78	1.66
- - - - - - -	511-T2535-600G	SOT-263	N	25.0	600	35	0.005	1.50	1.0	2.0	3.04	2.61	2.43
Thru-Hole													
- - - - - - -	511-BTA08-600BW	TO-220AB	I	8.0	600	50	0.01	1.75	1.0	2.0	0.86	0.73	0.65
Q6008L5	511-BTA08-600CW	TO-220AB	I	8.0	600	35	0.01	1.75	1.0	2.0	0.90	0.77	0.68
Q6008R5	511-BTB08-600BW	TO-220AB	N	8.0	600	50	0.01	1.75	1.0	2.0	0.80	0.68	0.60
- - - - - - -	511-BTB08-600CW	TO-220AB	N	8.0	600	35	0.01	1.75	1.0	2.0	0.88	0.75	0.66
- - - - - - -	511-BTA10-600BW	TO-220AB	I	8.0	600	50	0.01	1.65	1.0	2.0	1.00	0.85	0.75
Q6010R5	511-BTB10-600BW	TO-220AB	N	10.0	600	50	0.01	1.65	1.0	2.0	0.84	0.71	0.63
Q6012LH5	511-BTA12-600BW	TO-220AB	I	12.0	600	50	0.01	1.60	1.0	2.0	0.96	0.82	0.72
Q6012LH5	511-BTB12-600BW	TO-220AB	N	12.0	600	50	0.01	1.75	1.0	2.0	0.86	0.73	0.65
- - - - - - -	511-T1230-600W	ISOWATT220	I	12.0	600	30	0.01	1.50	1.0	2.0	1.32	1.12	0.99
Q6015L5	511-BTA16-600BW	TO-220AB	I	16.0	600	50	0.01	1.60	1.0	2.0	1.42	1.21	1.07
- - - - - - -	511-BTA16-600CW	TO-220AB	I	16.0	600	35	0.01	1.60	1.0	2.0	1.64	1.39	1.23
- - - - - - -	511-BTB16-600CW	TO-220AB	N	16.0	600	35	0.01	1.50	1.0	2.0	1.12	0.95	0.84
Q4015R6	511-BTB16-400BW	TO-220AB	N	16.0	400	50	0.01	1.60	1.0	2.0	1.08	0.92	0.81
Q6015R6	511-BTB16-600BW	TO-220AB	N	16.0	600	50	0.01	1.60	1.0	2.0	1.10	0.94	0.83
Q6025R6	511-BTB24-600BW	TO-220AB	N	25.0	600	50	0.01	1.80	1.0	2.0	1.62	1.38	1.22

SCRs

(DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Case Type	Pkg. Type	I_{TRMS} Max. (A)	V_{DRM} Min. (V)	I_{GT} Max. (mA)	I_{DRM} @ 25°C Max. (mA)	V_{TM} @ 25°C Max. (V)	P_{G} (AV) (W)	tgt Max. (µSec)	Price Each		
											1	100	500
Surface Mount													
- - - - - - -	511-TN1215-600G	TO-263	N	12.0	600	15	0.005	1.50	1.0	2.0	1.52	1.30	1.22
Thru-Hole													
- - - - - - -	511-TN22-1500H	I-PAK	N	2.0	1500	1.5	0.10	3.10	0.3	2.0	1.10	0.94	0.83
- - - - - - -	511-TYN058	TO-220AB	N	8.0	50	15	0.01	1.80	1.0	2.0	0.76	0.65	0.57
S2008R	511-TYN208	TO-220AB	N	8.0	200	15	0.01	1.80	1.0	2.0	0.78	0.66	0.59
S4008R	511-TYN408	TO-220AB	N	8.0	400	15	0.01	1.80	1.0	2.0	0.80	0.68	0.60
S6008R	511-TYN608	TO-220AB	N	8.0	600	15	0.01	1.80	1.0	2.0	0.88	0.75	0.66
- - - - - - -	511-TYN410	TO-220AB	N	10.0	400	15	0.01	1.60	1.0	2.0	0.84	0.71	0.63
S4012R	511-TYN412	TO-220AB	N	12.0	400	15	0.01	1.60	1.0	2.0	0.84	0.71	0.63
S6012R	511-TYN612	TO-220AB	N	12.0	600	15	0.01	1.60	1.0	2.0	0.94	0.80	0.71
S4016R	511-TYN416	TO-220AB	N	16.0	400	25	0.01	1.60	1.0	2.0	1.08	0.92	0.81
- - - - - - -	511-TYN616	TO-220AB	N	16.0	600	25	0.01	1.60	1.0	2.0	1.26	1.07	0.95
- - - - - - -	511-TYN825	TO-220AB	N	25.0	800	40	0.01	1.60	1.0	2.0	1.62	1.38	1.22
- - - - - - -	511-BTW68-800	TO-3P	I	30.0	800	50	0.02	2.10	1.0	2.0	5.40	4.59	4.05
- - - - - - -	511-BTW68-1200	TO-3P	I	30.0	1200	50	0.02	2.10	1.0	2.0	6.00	5.10	4.50
S6055W	511-BTW69-600	TO-3P	I	50.0	600	80	0.02	1.90	1.0	2.0	4.60	3.91	3.45
- - - - - - -	511-BTW69-800	TO-3P	I	50.0	800	80	0.02	1.90	1.0	2.0	6.00	5.10	4.50
- - - - - - -	511-BTW69-1000	TO-3P	I	50.0	1000	80	0.02	1.90	1.0	2.0	6.00	5.10	4.50
- - - - - - -	511-BTW69-1200	TO-3P	I	50.0	1200	80	0.02	1.90	1.0	2.0	7.02	5.97	5.27

SENSITIVE GATE SCRs

(DC Gate Trigger Voltage @ 25°C Max.: 1.5V)

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Case Type	Pkg. Type	I_{TRMS} Max. (A)	V_{DRM} Min. (V)	I_{GT} Max. (mA)	I_{DRM} @ 25°C Max. (mA)	V_{TM} @ 25°C Max. (V)	P_{G} (AV) (W)	tgt Max. (µSec)	Price Each		
											1	100	500
Surface Mount													
- - - - - - -	511-P0102BL	SOT-23	N	0.2	200	0.2	0.001	1.30	0.2	0.5	0.40	0.34	0.30
- - - - - - -	511-P0102DL	SOT-23	N	0.2	400	0.2	0.001	1.30	0.2	0.5	0.54	0.46	0.41
- - - - - - -	511-X0202MN	SOT-223	N	1.4	600	0.2	0.005	1.50	0.2	0.5	0.62	0.53	0.47
- - - - - - -	511-TS420-600B	TO-252	N	4.0	600	0.2	5.000	1.60	0.2	0.5	0.58	0.49	0.44
- - - - - - -	511-TN815-600B	TO-252	N	8.0	600	0.015	0.010	1.60	1.0	2.0	0.65	0.55	0.49
- - - - - - -	511-TS820-600B	TO-252	N	8.0	600	0.2	0.005	1.60	0.2	0.5	0.64	0.54	0.48
Thru-Hole													
EC103A	511-P0102AA	TO-92	N	0.8	100	0.2	0.001	1.93	0.1	0.5	0.22	0.19	0.17
EC103B	511-P0102BA	TO-92	N	0.8	200	0.2	0.001	1.93	0.1	0.5	0.22	0.19	0.17
EC103C	511-P0102CA	TO-92	N	0.8	300	0.2	0.001	1.93	0.1	0.5	0.24	0.20	0.18
EC103D	511-P0102DA	TO-92	N	0.8	400	0.2	0.001	1.93	0.1	0.5	0.30	0.26	0.23
EC103D1	511-P0111DA	TO-92	N	0.8	400	0.025	0.001	1.93	0.1	0.5	0.26	0.22	0.20
- - - - - - -	511-X0203NA	TO-92	N	1.25	800	0.2	0.005	1.45	0.2	0.5	0.66	0.56	0.50
- - - - - - -	511-X0205MA	TO-92	N	1.25	600	0.05	0.005	1.45	0.2	0.5	0.58	0.49	0.44
- - - - - - -	511-X0202MA	TO-92	N	1.3	600	0.2	0.005	1.45	0.2	0.5	0.52	0.44	0.39
- - - - - - -	511-X0402BE	TO-202-1	N	4.0	200	0.2	0.005	1.80	0.2	2.0	0.48	0.41	0.36
- - - - - - -	511-X0402MF	TO-202-3	N	4.0	600	0.2	0.005	1.80	0.2	2.0	0.62	0.53	0.47
- - - - - - -	511-X0403DF	TO-202-3	N	4.0	400	0.2	0.005	1.80	0.2	2.0	0.66	0.56	0.50
S4003LS2	511-S0402DH	TO-220AB	N	4.0	400	0.2	0.005	1.60	0.5	0.5	0.94	0.78	0.70
S4008LS2	511-S0802DH	TO-220AB	N	8.0	400	0.2	0.005	1.60	0.5	0.5	1.14	0.97	0.86
- - - - - - -	511-S0802MH	TO-220AB	N	8.0	600	0.2	0.005	1.60	0.5	0.5	1.20	1.02	0.90
- - - - - - -	511-S1206MH	TO-220AB	N	12.0	600	0.2	0.005	1.60	0.5	0.5	1.48	1.26	1.11

TRIGGER DIODES

For quantities greater than listed, call for quote.

Replaces Teccor	MOUSER STOCK NO.	Case Type	$V_{(BO)}$ (V)			$V_{(BO)}$ Semetry (V) Min.	Dynamic Breakover Voltage (V) Min.	$I_{(BO)}$ Max. (µA)	I_{TRM} Max. (A)	Price Each		
			Min.	Type	Max.					1	100	500
Thru-Hole												
HT-32	511-DB3	DO-35	28.0	32.0	36.0	3	5	10.0	2.0	0.16	0.14	0.12
HT-40	511-DB4	DO-35	35.0	40.0	45.0	5	5	10.0	2.0	0.16	0.14	0.12

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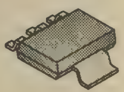
Power MOSFET Transistors

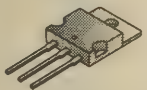
STMicroelectronics

N-CHANNEL ENHANCEMENT MODE MOSFETS

TO-263


SOT-223

TO-252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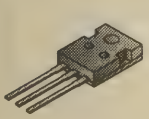

TO-247

MOUSER STOCK NO.	Package Type	Drain Source Breakdown Voltage (Min) (V)	Drain Current (Cont.) (Max) (A)	Static Drain Source On Resistance		Total Dissipation @ 25 C (Max) (W)	Price Each	
				Ohms (Max)	@ Drain Current (A)		1	100
Surface Mount								
511-STD12N05	TO-252	50	12.0	0.150	6.0	45.0	.97	.80
511-STN2NE06	SOT-223	60	2.0	0.250	1.0	2.5	.76	.65
511-STN3NE06	SOT-223	60	3.0	0.100	6.0	2.5	.86	.73
511-STD12NE06	TO-252	60	12.0	0.100	6.0	35.0	.62	.53
511-STD16NE06	TO-252	60	16.0	0.085	8.0	40.0	.78	.66
511-STD20NE06	TO-252	60	20.0	0.040	10.0	50.0	1.06	.90
511-STB55NE06	TO-263	60	55.0	0.022	27.5	130.0	1.54	1.31
511-STB80NE06-10	TO-263	60	80.0	0.010	40.0	150.0	2.44	2.07
511-STN2NE10	SOT-223	100	2.0	0.400	1.0	2.5	.48	.41
511-STD6N10	TO-252	100	6.0	0.450	3.0	35.5	.94	.78
511-STD9N10	TO-252	100	9.0	0.270	4.5	45.0	.92	.78
511-STD16NE10	TO-252	100	16.0	0.100	8.0	50.0	.96	.82
511-STD5N20	TO-252	200	5.0	0.800	2.5	45.0	.62	.53
511-STD7NB20	TO-252	200	7.0	0.400	3.5	55.0	.96	.82
511-IRF630S	TO-263	200	9.0	0.400	5.0	70.0	.92	.78
511-IRF640S	TO-263	200	18.0	0.180	9.0	125.0	1.10	.94
511-STB19NB20	TO-263	200	19.0	0.180	8.5	125.0	1.42	1.21
511-STD2NA40	TO-252	400	2.0	3.600	1.0	40.0	.97	.80
511-STD2NB60	TO-252	600	2.6	3.600	1.6	50.0	.80	.68
Thru-hole								
511-BUZ71	TO-220AB	50	17.0	0.100	9.0	60.0	.66	.56
511-BUZ10	TO-220AB	50	23.0	0.070	14.0	75.0	.88	.75
511-BUZ11A	TO-220AB	50	26.0	0.055	19.0	75.0	1.04	.88
511-BUZ71A	TO-220AB	50	30.0	0.120	9.0	40.0	.62	.53
511-BUZ11	TO-220AB	50	33.0	0.040	19.0	90.0	1.10	.94
511-IRFZ40	TO-220AB	50	50.0	0.028	29.0	150.0	1.54	1.31
511-STP16NE06	TO-220AB	60	16.0	0.100	8.0	60.0	.80	.68
511-STP20NE06	TO-220AB	60	20.0	0.080	10.0	70.0	.80	.68
511-STP30NE06	TO-220AB	60	30.0	0.050	15.0	80.0	.72	.61
511-STP36N06	TO-220AB	60	36.0	0.040	18.0	120.0	2.39	1.98
511-STP36NE06	TO-220AB	60	36.0	0.040	18.0	100.0	1.00	.85
511-STP55NE06	TO-220AB	60	55.0	0.022	27.5	130.0	1.44	1.22
511-STP60N0614	TO-220AB	60	60.0	0.014	30.0	150.0	3.24	2.75
511-STP60NE06-16	TO-220AB	60	60.0	0.016	30.0	150.0	3.20	2.72
511-STP80NE06-10	TO-220AB	60	80.0	0.010	40.0	150.0	2.00	1.70
511-STW80NE06-10	TO-247	60	80.0	0.010	40.0	200.0	3.52	2.99
511-STP50NE08	TO-220AB	80	50.0	0.024	25.0	150.0	1.58	1.34
511-IRF520	TO-220AB	100	10.0	0.270	5.0	70.0	.62	.53
511-IRF530	TO-220AB	100	16.0	0.160	8.0	90.0	.78	.66
511-STP20NE10	TO-220AB	100	20.0	0.100	10.0	90.0	.82	.70
511-IRF540	TO-220AB	100	30.0	0.077	15.0	150.0	1.26	1.07
511-STP50NE10	TO-220AB	100	50.0	0.027	25.0	150.0	1.84	1.56
511-STW50N10	TO-247	100	50.0	0.035	25.0	180.0	7.84	6.66
511-STW60NE10	TO-247	100	60.0	0.022	30.0	180.0	4.20	3.57
511-IRF620	TO-220AB	200	6.0	0.800	3.0	70.0	.66	.56
511-IRF630	TO-220AB	200	9.0	0.400	5.0	75.0	.88	.75
511-STP10NB20	TO-220AB	200	10.0	0.400	5.0	85.0	.96	.82
511-IRF640	TO-220AB	200	18.0	0.180	9.0	125.0	1.10	.94
511-STP19NB20	TO-220AB	200	19.0	0.180	9.5	125.0	1.44	1.22
511-STW34NB20	TO-247	200	34.0	0.075	17.0	180.0	4.08	3.47
511-STP12NB30	TO-220AB	300	12.0	0.400	6.0	125.0	1.52	1.29
511-STP5NB40	TO-220AB	400	4.7	1.800	2.3	80.0	1.86	1.58
511-IRF730	TO-220AB	400	5.5	1.000	3.3	100.0	1.06	.90
511-STP7NB40	TO-220AB	400	7.0	0.900	3.5	100.0	1.18	1.00
511-IRF740	TO-220AB	400	10.0	0.550	5.3	125.0	1.54	1.31
511-STP11NB40	TO-220AB	400	10.7	0.550	5.3	125.0	1.88	1.60
511-STP4NB50	TO-220AB	500	3.8	2.800	1.9	80.0	.80	.68
511-IRF820	TO-220AB	500	4.0	3.000	1.5	80.0	.72	.61
511-IRF830	TO-220AB	500	4.5	1.500	2.7	100.0	1.06	.90
511-STP5NA50	TO-220AB	500	5.0	1.600	2.5	100.0	1.40	1.19
511-IRF840	TO-220AB	500	8.0	0.850	4.8	125.0	1.54	1.31
511-STW10NA50	TO-247	500	8.0	9.600	4.0	150.0	4.24	3.60
511-STP9NB50	TO-220AB	500	8.6	0.850	4.3	125.0	1.88	1.60
511-STW12NA50	TO-247	500	11.6	0.600	6.0	170.0	4.56	3.88
511-IRFP450	TO-247	500	14.0	0.400	8.4	190.0	2.60	2.21
511-STW15NB50	TO-247	500	14.6	0.360	7.5	190.0	4.08	3.47
511-STW15NA50	TO-247	500	14.6	0.400	7.5	190.0	6.16	5.24
511-STW20NB50	TO-247	500	20.0	0.250	10.0	250.0	9.20	7.82
511-IRFP460	TO-247	500	20.0	0.270	12.0	250.0	3.20	2.72
511-STP3NA60	TO-220AB	600	2.9	4.000	1.5	80.0	1.06	.90
511-STP3NB60	TO-220AB	600	3.3	3.600	1.6	80.0	.80	.68
511-IRFBC30	TO-220AB	600	3.6	2.200	2.2	75.0	1.04	.88
511-STP5NB60	TO-220AB	600	5.0	2.000	2.5	100.0	1.28	1.09
511-IRFBC40	TO-220AB	600	6.2	1.200	3.7	125.0	1.84	1.56
511-STW12NA60	TO-247	600	12.0	0.600	6.0	190.0	6.38	5.42
511-STW16NB60	TO-247	600	16.0	0.360	8.0	250.0	5.00	4.25
511-STP3NA80	TO-220AB	800	3.1	4.500	1.5	100.0	1.72	1.46
511-STP4NA80	TO-220AB	800	4.0	3.000	2.0	110.0	2.06	1.75
511-STP4NB80	TO-220AB	800	4.0	3.300	2.0	100.0	1.64	1.39
511-STP5NB80	TO-220AB	800	5.0	2.200	2.5	110.0	1.84	1.56
511-STW7NA80	TO-247	800	6.5	1.900	3.5	150.0	5.54	4.71
511-STW8NB80	TO-247	800	7.5	1.600	3.7	170.0	4.60	3.91
511-STW11NB80	TO-247	800	11.0	0.800	5.5	190.0	5.60	4.76
511-STW5NB90	TO-247	900	5.6	2.500	2.5	160.0	3.10	2.64
511-STW8NB100	TO-247	1000	8.0	1.500	4.0	190.0	5.00	4.25

Power MOSFET Transistors

STMicroelectronics

N-CHANNEL ENHANCEMENT MODE LOGIC LEVEL MOSFETS

* Dual Gate Mosfet

MOUSER STOCK NO.	Package Type	Drain Source Breakdown Voltage (Min) (V)	Drain Current (Cont.) (Max) (A)	Static Drain Source On Resistance		Total Dissipation @ 25 C (Max) (W)	Price Each	
				Ohms (Max)	@ Drain Current (A)		1	100
Surface Mount								
* 511-STS3DNF30L	SO-8	30	3.5	0.0650	1.75	2.0	.84	.71
* 511-STS5DNE30L	SO-8	30	5.0	0.0450	2.50	2.0	1.00	.85
511-STS7NF30L	SO-8	30	7.0	0.0250	3.50	2.5	.78	.66
511-STS10NF30L	SO-8	30	10.0	0.0135	5.00	2.5	1.04	.88
511-STS12NF30L	SO-8	30	12.0	0.0100	6.00	2.5	1.22	1.04
511-STB70NF03L1	TO-263	30	70.0	0.0100	35.00	100.00	1.54	1.31
511-STN3NE06L	SOT-223	60	3.0	0.1200	6.00	2.5	.62	.53
511-STD12NE06L	TO-252	60	12.0	0.1200	6.00	35.0	.68	.58
511-STN2NE10L	SOT-223	100	1.8	0.4000	1.00	2.5	.50	.43
Thru Hole								
511-STP80NE03L06	TO-220AB	30	80.0	0.0060	40.00	150.0	2.20	1.87
511-STD12N06L1	TO-251	60	12.0	0.1500	6.00	45.0	1.10	.91
511-STP19N06L	TO-220AB	60	19.0	0.1000	9.50	80.0	.96	.82
511-STP20NE06L	TO-220AB	60	20.0	0.0700	10.00	70.0	.88	.75
511-STP30NE06L	TO-220AB	60	30.0	0.0500	15.00	80.0	.72	.61
511-STP50N06L	TO-220AB	60	50.0	0.0280	25.00	150.0	2.56	2.18
511-STP50NE10L	TO-220AB	100	50.0	0.0250	25.00	150.0	1.90	1.62

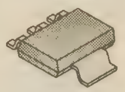
N-CHANNEL IGBT (INSULATED GATE BIPOLAR TRANSISTOR) MOSFETS

MOUSER STOCK NO.	Package Type	Collector-Emitter Voltage (Max) (V)	Collector Current (Cont.) (Max) (A)	Delay Time		Total Dissipation @ 25 C (Max) (W)	Price Each	
				On (nS) (Typ)	Off (nS) (Typ)		1	100
Surface Mount								
511-STGD3NB60H	TO-252	600	6.0	16.0	53.0	35.0	1.46	1.24
511-STGD7NB60H	TO-252	600	7.0	15.0	75.0	55.0	1.64	1.39
Thru Hole								
511-STGP7NB60H	TO-220AB	600	7.0	15.0	75.0	80.0	1.88	1.60
511-STGW12NB60H	TO-247	600	12.0	5.0	76.0	120.0	3.20	2.72
511-STGP20NB60H	TO-220AB	600	20.0	20.0	170.0	125.0	2.64	2.24
511-STGW20NB60H	TO-247	600	20.0	20.0	170.0	150.0	3.40	2.89
511-STGW30NB60H	TO-247	600	30.0	15.0	210.0	190.0	4.00	3.40
511-STGW50NB60H	TO-247	600	50.0	30.0	326.0	250.0	5.60	4.76

POWER BIPOLAR TRANSISTORS

MOUSER STOCK NO.	Case Type	Type	V_{CEO} Max. (V)	IC Max. (A)	$V_{CE\ (SAT)}$		h_{FE}		f_T		Price Each	
					Max. (V)	@ IC (A)	Min/Typ/Max	@ IC (A)	Min/Typ (MHz)	@ IC (A)	1	100
Thru Hole												
511-2N3055	TO-3	NPN	60	15	3	10	20/- - -/70	4	3/- - -	0.5	1.24	1.05
511-2N3439	TO-39	NPN	350	1	0.5	0.5	40/- - -/160	0.02	15/- - -	5	.68	.58
511-2N3440	TO-39	NPN	250	1	0.5	0.5	30/- - -/- - -	0.02	15/- - -	5	.64	.54
511-2N3771	TO-3	NPN	40	30	4	30	15/- - -/60	30	0.2/- - -	1	2.26	1.92
511-2N3772	TO-3	NPN	60	20	4	20	15/- - -/60	20	0.2/- - -	1	2.34	1.99
511-2N4896	TO-39	NPN	60	5	1	5	100/- - -/300	2	80/- - -	0.5	1.68	1.43
511-2N5038	TO-3	NPN	90	20	2.5	20	50/- - -/250	2	- - -/- - -	- - -	3.20	2.72
511-2N5191	SOT-32	NPN	60	4	1.4	4	25/- - -/100	1.5	2/- - -	1	.50	.43
511-2N5192	SOT-32	NPN	80	4	1.4	4	20/- - -/80	1.5	2/- - -	1	.52	.44
511-2N5195	SOT-32	PNP	80	4	1.2	4	20/- - -/80	1.5	2/- - -	1	.52	.44
511-2N5415	TO-39	PNP	200	1	2.5	0.05	30/- - -/150	0.05	15/- - -	10	.80	.68
511-2N5416	TO-39	PNP	300	1	2.5	0.05	30/- - -/120	0.05	15/- - -	10	.86	.73
511-2N5657	SOT-32	NPN	350	0.5	10	0.5	30/- - -/250	0.1	10/- - -	0.05	.64	.54
511-2N5681	TO-39	NPN	100	1	2	1	40/- - -/150	0.25	30/- - -	0.1	1.28	1.09
511-2N5682	TO-39	NPN	120	1	2	1	40/- - -/150	0.25	30/- - -	0.1	1.28	1.09
511-2N5886	TO-3	NPN	80	25	4	25	20/- - -/100	10	4/- - -	1	2.98	2.53
511-2N6036	SOT-32	PNP	80	4	3	4	75/- - -/15000	2	- - -/- - -	- - -	.52	.44
511-2N6059	TO-3	NPN	100	12	3	12	100/- - -/- - -	12	4/- - -	5	1.90	1.62
511-2N6111	TO-220	PNP	30	7	3.5	7	30/- - -/150	2	4/- - -	0.5	.60	.51
511-2N6284	TO-3	NPN	100	20	3	20	750/- - -/18000	10	- - -/- - -	- - -	3.84	3.26
511-2N6287	TO-3	PNP	100	20	3	20	750/- - -/18000	10	- - -/- - -	- - -	3.16	2.69
511-2N6388	TO-220	NPN	80	10	3	10	1000/- - -/20000	5	- - -/- - -	- - -	.66	.56
511-2N6487	TO-220	NPN	60	15	3.5	15	20/- - -/150	5	- - -/- - -	- - -	.62	.53
511-2N6488	TO-220	NPN	80	15	3.5	15	20/- - -/150	5	- - -/- - -	- - -	.64	.54
511-2N6490	TO-220	PNP	60	15	3.5	15	20/- - -/150	5	- - -/- - -	- - -	.70	.60
511-2N6547	TO-3	NPN	400	15	- - -	- - -	6/- - -/- - -	10	- - -/- - -	- - -	4.20	3.57
511-BD237	SOT-32	NPN	80	2	0.6	1	25/- - -/- - -	1	3/- - -	0.25	.54	.46
511-BD537	TO-220	NPN	80	8	0.8	2	15/- - -/- - -	2	3/12	0.5	.78	.66
511-BDW93C	TO-220	NPN	100	12	3	10	750/- - -/20000	5	- - -/- - -	- - -	.74	.63
511-BDW94C	TO-220	PNP	100	12	3	10	750/- - -/20000	5	- - -/- - -	- - -	.74	.63
511-BU208A	TO-3	NPN	700	8	1	4.5	- - -/- - -/- - -	- - -	- - -/7	0.1	2.72	2.31
511-BU406	TO-220	NPN	200	7	1	5	- - -/- - -/- - -	- - -	10/- - -	0.5	1.42	1.21
511-BU407	TO-220	NPN	150	7	1	5	- - -/- - -/- - -	- - -	- - -/10	1	1.36	1.16
511-BU508A	TO-218	NPN	700	8	1	4.5	- - -/- - -/- - -	- - -	- - -/7	0.1	2.46	2.06
511-BU806	TO-218	NPN	200	8	1.5	5	- - -/- - -/- - -	- - -	- - -/- - -	- - -	1.30	1.11
511-BU931P	SOT-93	NPN	400	15	1.8	10	300/- - -/- - -	5	- - -/- - -	- - -	1.98	1.68
511-BU941	TO-3	NPN	400	15	2	12	300/- - -/- - -	5	- - -/- - -	- - -	2.60	2.21
511-BUF420	TO-218	NPN	450	30	2.8	10	- - -/- - -/- - -	- - -	- - -/- - -	- - -	6.72	5.71
511-BUF420A	TO-218	NPN	450	30	2.8	10	- - -/- - -/- - -	- - -	- - -/- - -	- - -	6.78	5.76
511-BUV26	TO-218	NPN	90	14	1.5	12	- - -/- - -/- - -	- - -	- - -/- - -	- - -	1.78	1.51
511-BUV48A	TO-218	NPN	450	15	5	12	- - -/- - -/- - -	- - -	- - -/- - -	- - -	3.64	3.09
511-BUX98AP	TO-218	NPN	450	24	1.2	16	- - -/- - -/- - -	- - -	- - -/- - -	- - -	11.60	9.86
511-D44H11	TO-220	NPN	80	10	1	8	40/- - -/- - -	4	- - -/- - -	- - -	.88	.75
511-D45H11	TO-220	PNP	80	10	1	8	40/70/- - -	4	- - -/- - -	- - -	.90	.77

TO-263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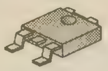
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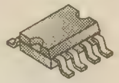
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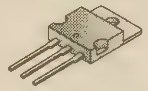
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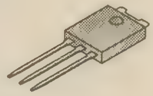
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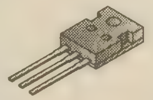
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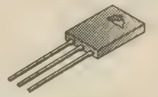
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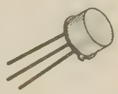
TO-3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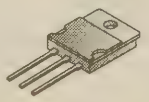
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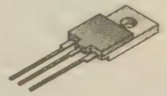
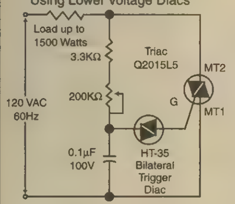

TO-218

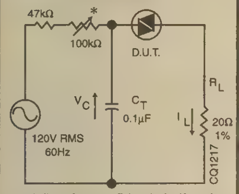
A

DO-35

Typical Diac-Triac Full-Wave Phase Control Circuit Using Lower Voltage Diacs



Circuit Used to Measure Diac Characteristics

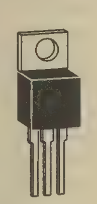


∗ Adjust for one firing in half cycle.
D.U.T. = Diac Under Test

B

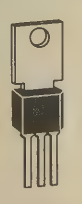
TO-92

C



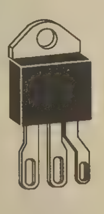
Thermotab® TO-220AB

D



TO-202AB

E



TO-218X

BILATERAL TRIGGER DIACS

These bilateral trigger diacs are a full-wave or bi-directional thyristor. It is triggered from a blocking-to-conduction state for either polarity of applied voltage whenever the amplitude of applied voltage exceeds the breakover voltage rating of the diac.

Features:

- Glass-chip passivation
- DO-35 trigger package
- Pre-tinned leads
- Wide voltage range selections

Electrical Specifications:

- Device dissipation (at TA = -40°C to +40°C) 250mW derate above +40°C: 3.6mW/°C
- Storage temperature: -40°C to +125°C
- Operating temperature: -40°C to +125°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	V(BO) (V)		V(BO) Symmetry (V) Min.	Dynamic Breakover Voltage (V) Min.	I(BO) Max. (µA)	ITRM Max. (A)	Price Each		
			Min.	Max.					1	100	500
519-HT-32	A	DO-35	27.0	37	3	5	50	2.0	.32	.27	.23
519-HT-35	A	DO-35	30.0	40	3	5	50	2.0	.32	.27	.23
519-HT-40	A	DO-35	35.0	45	3	5	50	2.0	.32	.27	.23
519-HT-60	A	DO-35	56.0	70	4	10	50	1.5	.34	.31	.26

SENSITIVE SCRS (0.8 TO 10 AMPS)

Package Type: I = Isolated Case N = Non-Isolated Case

* UL File # 71639

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM & VRRM Min. (V)	IDRM & IRRM@25°C Max. (µA)	IGT Max. (µA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
519-EC103A	B	TO-92	I	0.8	100	1.0	200	1.7	0.8	0.1	2.2	.48	.40	.33
519-EC103B	B	TO-92	I	0.8	200	1.0	200	1.7	0.8	0.1	2.2	.48	.41	.35
519-EC103C	B	TO-92	I	0.8	300	1.0	200	1.7	0.8	0.1	2.2	.55	.44	.37
519-EC103D	B	TO-92	I	0.8	400	1.0	200	1.7	0.8	0.1	2.2	.54	.47	.39
519-EC103M	B	TO-92	I	0.8	600	2.0	200	1.7	0.8	0.1	2.2	.62	.54	.45
519-EC103A1	B	TO-92	I	0.8	100	1.0	12	1.7	0.8	0.1	2.0	.57	.47	.39
519-EC103B2	B	TO-92	I	0.8	200	1.0	50	1.7	0.8	0.1	2.0	.59	.48	.41
519-2N5060	B	TO-92	I	0.8	30	1.0	200	1.7	0.8	0.1	2.2	.56	.45	.38
519-2N5061	B	TO-92	I	0.8	60	1.0	200	1.7	0.8	0.1	2.2	.57	.47	.39
519-2N5062	B	TO-92	I	0.8	100	1.0	200	1.7	0.8	0.1	2.2	.57	.47	.39
519-2N5063	B	TO-92	I	0.8	150	1.0	200	1.7	0.8	0.1	2.2	.62	.50	.42
519-2N5064	B	TO-92	I	0.8	200	1.0	200	1.7	0.8	0.1	2.2	.58	.52	.44
519-TCR22-2	B	TO-92	I	1.5	50	1.0	200	1.5	0.8	0.1	2.2	.54	.47	.39
519-TCR22-3	B	TO-92	I	1.5	100	1.0	200	1.5	0.8	0.1	2.2	.54	.47	.39
519-TCR22-4	B	TO-92	I	1.5	200	1.0	200	1.5	0.8	0.1	2.2	.58	.50	.42
519-TCR22-6	B	TO-92	I	1.5	400	1.0	200	1.5	0.8	0.1	2.2	.66	.58	.48
519-TCR22-8	B	TO-92	I	1.5	600	2.0	200	1.5	0.8	0.1	2.2	.74	.65	.54
* 519-S2003LS1	C	TO-220AB	I	3.0	200	1.0	50	1.6	0.8	0.1	2.0	1.08	.86	.73
* 519-S1003LS2	C	TO-220AB	I	3.0	100	1.0	200	1.6	0.8	0.1	2.0	.98	.78	.66
* 519-S4003LS2	C	TO-220AB	I	3.0	400	1.0	200	1.6	0.8	0.1	2.0	1.18	1.03	.86
519-T106F1	D	TO-202AB	N	4.0	50	2.0	200	2.2	0.8	0.1	2.2	.75	.61	.51
519-T106A1	D	TO-202AB	N	4.0	100	2.0	200	2.2	0.8	0.1	2.2	.68	.59	.50
519-T106B1	D	TO-202AB	N	4.0	200	2.0	200	2.2	0.8	0.1	2.2	.72	.63	.53
519-T106D1	D	TO-202AB	N	4.0	400	2.0	200	2.2	0.8	0.1	2.2	.80	.70	.59
519-T106M1	D	TO-202AB	N	4.0	600	2.0	200	2.2	0.8	0.1	2.2	1.00	.88	.74
* 519-S1008LS2	C	TO-220AB	I	8.0	100	0.005	200	1.6	0.8	0.1	2.2	1.18	.94	.80
* 519-S2008LS2	C	TO-220AB	I	8.0	200	0.005	200	1.6	0.8	0.1	2.2	1.20	.96	.82
* 519-S4008LS2	C	TO-220AB	I	8.0	400	0.005	200	1.6	0.8	0.1	2.2	1.48	1.30	1.08
* 519-S4010LS2	C	TO-220AB	I	10.0	400	0.005	200	1.6	0.8	0.1	2.2	1.56	1.35	1.13
519-S1010FS21	D	TO-202AB	N	10.0	100	0.005	200	1.6	0.8	0.1	2.2	.98	.78	.66
519-S2010FS21	D	TO-202AB	N	10.0	200	0.005	200	1.6	0.8	0.1	2.2	1.03	.82	.70
519-S4010FS21	D	TO-202AB	N	10.0	400	0.005	200	1.6	0.8	0.1	2.2	1.30	1.13	.95

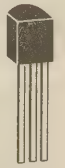
NON-SENSITIVE SCRS (1.0 TO 70.0 AMPS)

Package Type: I = Isolated Case N = Non-Isolated Case

* UL File # 71639

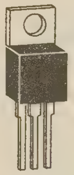
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM & VRRM Min. (V)	IDRM & IRRM@25°C Max. (mA)	IGT Max. (mA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
519-S101E	B	TO-92	I	1.0	100	0.01	10	1.6	1.5	0.3	2.0	.60	.52	.44
519-S201E	B	TO-92	I	1.0	200	0.01	10	1.6	1.5	0.3	2.0	.64	.56	.47
519-S401E	B	TO-92	I	1.0	400	0.01	10	1.6	1.5	0.3	2.0	.70	.61	.51
519-S601E	B	TO-92	I	1.0	600	0.01	10	1.6	1.5	0.3	2.0	.78	.68	.57
* 519-S2006L	C	TO-220AB	I	6.0	200	0.01	15	1.6	1.5	0.5	2.0	1.18	1.04	.87
* 519-S6006L	C	TO-220AB	I	6.0	600	0.01	15	1.6	1.5	0.5	2.0	1.50	1.30	1.09
* 519-S2008L	C	TO-220AB	I	8.0	200	0.01	15	1.6	1.5	0.5	2.0	1.28	1.12	.93
* 519-S4008L	C	TO-220AB	I	8.0	400	0.01	15	1.6	1.5	0.5	2.0	1.38	1.21	1.01
* 519-S6008L	C	TO-220AB	I	8.0	600	0.01	15	1.6	1.5	0.5	2.0	1.62	1.40	1.17
519-S2008R	C	TO-220AB	N	8.0	200	0.01	15	1.6	1.5	0.5	2.0	1.14	1.01	.83
519-S6008R	C	TO-220AB	N	8.0	600	0.01	15	1.6	1.5	0.5	2.0	1.44	1.26	1.05
* 519-S2010L	C	TO-220AB	I	10.0	200	0.01	15	1.6	1.5	0.5	2.0	1.33	1.06	.90
* 519-S4010L	C	TO-220AB	I	10.0	400	0.01	15	1.6	1.5	0.5	2.0	1.46	1.28	1.06
* 519-S6010L	C	TO-220AB	I	10.0	600	0.01	15	1.6	1.5	0.5	2.0	1.70	1.48	1.23
519-S2012R	C	TO-220AB	N	12.0	200	0.01	20	1.6	1.5	0.5	2.0	1.20	.96	.82
519-S4012R	C	TO-220AB	N	12.0	400	0.01	20	1.6	1.5	0.5	2.0	1.40	1.22	1.02
519-S6012R	C	TO-220AB	N	12.0	600	0.01	20	1.6	1.5	0.5	2.0	1.64	1.42	1.19
* 519-S2015L	C	TO-220AB	I	15.0	200	0.01	30	1.6	1.5	0.6	2.0	1.40	1.12	.95
* 519-S4015L	C	TO-220AB	I	15.0	400	0.01	30	1.6	1.5	0.6	2.0	1.74	1.51	1.26
* 519-S6015L	C	TO-220AB	I	15.0	600	0.01	30	1.6	1.5	0.6	2.0	2.02	1.76	1.47
* 519-S2020L	C	TO-220AB	I	20.0	200	0.01	30	1.6	1.5	0.6	2.0	1.75	1.40	1.19
* 519-S4020L	C	TO-220AB	I	20.0	400	0.01	30	1.6	1.5	0.6	2.0	2.08	1.82	1.52
* 519-S6020L	C	TO-220AB	I	20.0	600	0.01	30	1.6	1.5	0.6	2.0	2.48	1.98	1.65
* 519-S2025L	C	TO-220AB	I	25.0	200	0.01	30	1.6	1.5	0.8	2.0	1.88	1.50	1.28
* 519-S4025L	C	TO-220AB	I	25.0	400	0.01	30	1.6	1.5	0.8	2.0	2.70	2.36	1.97
* 519-S6025L	C	TO-220AB	I	25.0	600	0.01	30	1.6	1.5	0.8	2.0	2.90	2.54	2.12
519-S2055W	E	TO-218X	N	55.0	200	0.01	40	1.8	1.5	0.8	2.5	4.95	3.96	3.37
519-S4055W	E	TO-218X	N	55.0	400	0.01	40	1.8	1.5	0.8	2.5	5.32	4.64	3.87
519-S6055W	E	TO-218X	N	55.0	600	0.01	40	1.8	1.5	0.8	2.5	6.18	5.40	4.50
* 519-S2065J	E	TO-218X	I	65.0	200	0.02	50	1.8	2.0	1.0	2.5	6.73	5.38	4.57
* 519-S4065J	E	TO-218X	I	65.0	400	0.02	50	1.8	2.0	1.0	2.5	7.54	6.48	5.47
* 519-S6065J	E	TO-218X	I	65.0	600	0.02	50	1.8	2.0	1.0	2.5	8.56	7.49	6.24
519-S2070W	E	TO-218X	N	70.0	200	0.02	50	1.8	2.0	1.0	2.5	6.38	5.10	4.34
519-S4070W	E	TO-218X	N	70.0	400	0.02	50	1.8	2.0	1.0	2.5	6.20	5.42	4.52
519-S6070W	E	TO-218X	N	70.0	600	0.02	50	1.8	2.0	1.0	2.5	7.20	6.30	5.25



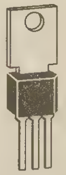
TO-92

A



Thermotab®
TO-220AB

B



TO-202AB

C

LOGIC TRIACS (1.0 TO 8.0 AMPS)

Package Type: I = Isolated Case N = Non-Isolated Case

* File # E71639 For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	IGT Max. (mA)	IDRM @ 25°C Max. (mA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
519-L201E3	A	TO-92	I	1.0	200	3	0.01	1.6	2.0	0.2	2.5	.96	.85	.71
519-L601E3	A	TO-92	I	1.0	600	3	0.01	1.6	2.0	0.2	2.5	1.28	1.12	.93
* 519-L2004L3	B	TO-220AB	I	4.0	200	3	0.01	1.6	2.0	0.3	2.5	1.94	1.69	1.41
* 519-L4004L3	B	TO-220AB	I	4.0	400	3	0.01	1.6	2.0	0.3	2.5	1.87	1.50	1.40
* 519-L6004L3	B	TO-220AB	I	4.0	600	3	0.01	1.6	2.0	0.3	2.5	2.38	2.09	1.74
519-L2004F31	C	TO-202AB	N	4.0	200	3	0.01	1.6	2.0	0.3	2.5	1.20	1.06	.89
519-L4004F31	C	TO-202AB	N	4.0	400	3	0.01	1.6	2.0	0.3	2.5	1.30	1.13	.95
519-L6004F31	C	TO-202AB	N	4.0	600	3	0.01	1.6	2.0	0.3	2.5	1.50	1.31	1.10
519-L2004F51	C	TO-202AB	N	4.0	200	5	0.01	1.6	2.0	0.3	2.5	1.10	.97	.81
519-L4004F51	C	TO-202AB	N	4.0	400	5	0.01	1.6	2.0	0.3	2.5	1.18	1.03	.86
519-L6004F51	C	TO-202AB	N	4.0	600	5	0.01	1.6	2.0	0.3	2.5	1.36	1.19	.99
* 519-L2008L6	B	TO-220AB	I	8.0	200	5	0.02	1.6	2.0	0.4	2.5	1.82	1.60	1.34
* 519-L4008L6	B	TO-220AB	I	8.0	400	5	0.02	1.6	2.0	0.4	2.5	1.72	1.55	1.29
* 519-L6008L6	B	TO-220AB	I	8.0	600	5	0.02	1.6	2.0	0.4	2.5	2.28	1.98	1.65

GATED TRIACS (1.0 TO 15.0 AMPS)

Package Type: I = Isolated Case N = Non-Isolated Case

* File # E71639 For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT.RMS Max. (A)	VDRM Min. (V)	IGT Max. (mA)	IDRM @ 25°C Max. (mA)	VTM @ 25°C Max. (V)	VGT @ 25°C Max. (V)	PG (AV) (W)	tgt Max. (µSec)	Price Each		
												1	100	500
519-Q201E3	A	TO-92	I	1.0	200	10	0.02	1.6	2.0	0.2	2.5	.72	.63	.53
519-Q401E3	A	TO-92	I	1.0	400	10	0.02	1.6	2.0	0.2	2.5	.88	.76	.64
* 519-Q2004L3	B	TO-220AB	I	4.0	200	10	0.05	1.6	2.0	0.3	2.5	1.58	1.39	1.16
* 519-Q4004L3	B	TO-220AB	I	4.0	400	10	0.05	1.6	2.0	0.3	2.5	1.87	1.49	1.25
* 519-Q6004L3	B	TO-220AB	I	4.0	600	10	0.05	1.6	2.0	0.3	2.5	1.98	1.73	1.44
* 519-Q2004L4	B	TO-220AB	I	4.0	200	25	0.05	1.6	2.5	0.3	3.0	1.15	.92	.78
* 519-Q4004L4	B	TO-220AB	I	4.0	400	25	0.05	1.6	2.5	0.3	3.0	1.28	1.02	.87
* 519-Q6004L4	B	TO-220AB	I	4.0	600	25	0.05	1.6	2.5	0.3	3.0	1.50	1.20	1.02
519-Q2004F31	C	TO-202AB	N	4.0	200	10	0.05	1.6	2.0	0.3	2.5	1.00	.90	.75
519-Q4004F31	C	TO-202AB	N	4.0	400	10	0.05	1.6	2.0	0.3	2.5	1.17	.94	.78
519-Q6004F31	C	TO-202AB	N	4.0	600	10	0.05	1.6	2.0	0.3	2.5	1.24	1.08	.90
519-Q2004F41	C	TO-202AB	N	4.0	200	25	0.05	1.6	2.5	0.3	3.0	1.00	.80	.68
519-Q4004F41	C	TO-202AB	N	4.0	400	25	0.05	1.6	2.5	0.3	3.0	1.10	.88	.75
* 519-Q4006L4	B	TO-220AB	I	6.0	400	25	0.05	1.6	2.5	0.5	3.0	1.45	1.16	.99
* 519-Q4008L4	B	TO-220AB	I	8.0	400	25	0.05	1.6	2.5	0.5	3.0	1.78	1.55	1.29
* 519-Q6008L5	B	TO-220AB	I	8.0	600	25	0.05	1.6	2.5	0.5	3.0	1.96	1.73	1.44
519-Q2008F41	C	TO-202AB	N	8.0	200	25	0.05	1.6	2.5	0.5	3.0	1.24	1.08	.90
519-Q2008R4	B	TO-220AB	N	8.0	200	25	0.05	1.6	2.5	0.5	3.0	1.33	1.17	.95
519-Q4008R4	B	TO-220AB	N	8.0	400	25	0.05	1.6	2.5	0.5	3.0	1.44	1.26	1.05
519-Q6008R5	B	TO-220AB	N	8.0	600	50	0.05	1.6	2.5	0.5	3.0	1.60	1.40	1.17
* 519-Q2010L5	B	TO-220AB	I	10.0	200	50	0.05	1.6	2.5	0.5	3.0	1.70	1.50	1.25
* 519-Q4010L5	B	TO-220AB	I	10.0	400	50	0.05	1.6	2.5	0.5	3.0	1.94	1.69	1.41
* 519-Q6010L5	B	TO-220AB	I	10.0	600	50	0.05	1.6	2.5	0.5	3.0	2.24	1.96	1.64
519-Q2010R5	B	TO-220AB	N	10.0	200	50	0.05	1.6	2.5	0.5	3.0	1.62	1.40	1.17
519-Q4010R5	B	TO-220AB	N	10.0	400	50	0.05	1.6	2.5	0.5	3.0	1.80	1.57	1.31
519-Q6010R5	B	TO-220AB	N	10.0	600	50	0.05	1.6	2.5	0.5	3.0	2.10	1.84	1.53
* 519-Q2015L5	B	TO-220AB	I	15.0	200	50	0.05	1.6	2.5	0.5	4.0	2.12	1.84	1.54
* 519-Q4015L5	B	TO-220AB	I	15.0	400	50	0.05	1.6	2.5	0.5	4.0	2.32	2.02	1.68
* 519-Q6015L5	B	TO-220AB	I	15.0	600	50	0.05	1.6	2.5	0.5	4.0	2.70	2.43	2.03
519-Q2015R5	B	TO-220AB	N	15.0	200	50	0.05	1.6	2.5	0.5	4.0	1.90	1.71	1.43
519-Q4015R5	B	TO-220AB	N	15.0	400	50	0.05	1.6	2.5	0.5	4.0	2.36	1.89	1.58
519-Q6015R5	B	TO-220AB	N	15.0	600	50	0.05	1.6	2.5	0.5	4.0	2.52	2.20	1.83

QUADRAC, INTERNALLY TRIGGERED TRIACS (4.0 TO 15.0 AMPS)

Package Type: I = Isolated Case N = Non-Isolated Case

* File # 71639 For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Pkg. Type	IT RMS Max. (A)	VDRM Min. (V)	IDRM @25°C Max. (mA)	VTM @ 25°C Max. (V)	VBO (Min/Max) (V)	CT Max. (µF)	IH Max. (mA)	tgt Max. (µSec)	Price Each		
												1	100	500
* 519-Q2004LT	B	TO-220AB	I	4.0	200	0.05	1.6	33 / 43	0.1	40	3.0	1.66	1.44	1.20
* 519-Q4004LT	B	TO-220AB	I	4.0	400	0.05	1.6	33 / 43	0.1	40	3.0	1.80	1.57	1.31
* 519-Q6004LT	B	TO-220AB	I	4.0	600	0.05	1.6	33 / 43	0.1	40	3.0	2.06	1.80	1.50
* 519-Q2008LT	B	TO-220AB	I	8.0	200	0.05	1.6	33 / 43	0.1	60	3.0	1.63	1.30	1.11
* 519-Q4008LT	B	TO-220AB	I	8.0	400	0.05	1.6	33 / 43	0.1	60	3.0	2.00	1.75	1.46
* 519-Q6008LT	B	TO-220AB	I	8.0	600	0.05	1.6	33 / 43	0.1	60	3.0	2.32	2.02	1.68
* 519-Q2010LT	B	TO-220AB	I	10.0	200	0.05	1.6	33 / 43	0.1	60	3.0	1.75	1.40	1.19
* 519-Q4010LT	B	TO-220AB	I	10.0	400	0.05	1.6	33 / 43	0.1	60	3.0	1.93	1.54	1.31
* 519-Q2015LT	B	TO-220AB	I	15.0	200	0.05	1.6	33 / 43	0.1	70	3.0	2.00	1.60	1.36
* 519-Q4015LT	B	TO-220AB	I	15.0	400	0.05	1.6	33 / 43	0.1	70	3.0	2.66	2.32	1.94
* 519-Q6015LT	B	TO-220AB	I	15.0	600	0.05	1.6	33 / 43	0.1	70	3.0	3.04	2.65	2.21

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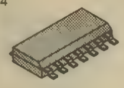
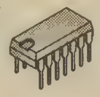
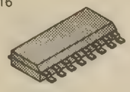
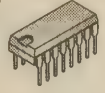
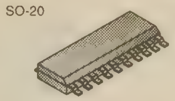
Digital Logic Integrated Circuits

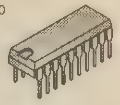

SO-14


DIP-14


SO-16


DIP-16


SO-20


DIP-20

74AC ADVANCED HIGH SPEED CMOS

- Supply voltage: 2.0 to 6.0V
- Operating temperature: -40°C to +85°C
- Output current: 24mA min.
- Propagation delay time: 4ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each	
			1	100
Surface Mount				
511-74AC00M	SO-14	Quad 2-input NAND gate	.34	.29
511-74AC02M	SO-14	Quad 2-input NOR gate	.34	.29
511-74AC04M	SO-14	Hex inverter/buffer	.34	.29
511-74AC08M	SO-14	Quad 2-input AND gate	.34	.29
511-74AC14M	SO-14	Hex schmitt inverter	.40	.34
511-74AC32M	SO-14	Quad 2-input OR gate	.34	.29
511-74AC74M	SO-14	Dual D-type flip-flop with preset & clear	.40	.34
511-74AC86M	SO-14	Quad exclusive OR gate	.34	.29
511-74AC125M	SO-14	Quad bus buffer (3-state)	.46	.39
511-74AC138M	SO-16	3-to-8 line decoder (inv.)	.46	.39
511-74AC157M	SO-16	Quad 2-channel multiplexer	.46	.39
511-74AC158M	SO-16	Quad 2-channel multiplexer	.46	.39
511-74AC240M	SO-20	Octal bus buffer (3-state/inv.)	.62	.53
511-74AC244M	SO-20	Octal bus buffer (3-state)	.62	.53
511-74AC245M	SO-20	Octal bus transceiver (3-state)	.62	.53
511-74AC257M	SO-16	Quad 2-channel multiplexer (3-state)	.46	.39
511-74AC273M	SO-20	Octal D-type flip-flop with clear	.62	.53
511-74AC373M	SO-20	Octal D-type latch (3-state)	.62	.53
511-74AC374M	SO-20	Octal D-type flip-flop (3-state)	.62	.53
511-74AC541M	SO-20	Octal bus buffer (3-state)	.70	.60
511-74AC573M	SO-20	Octal D-type latch (3-state)	.70	.60
511-74AC574M	SO-20	Octal D-type flip-flop (3-state)	.70	.60
Thru Hole				
511-74AC00B	DIP-14	Quad 2-input NAND gate	.34	.29
511-74AC02B	DIP-14	Quad 2-input NOR gate	.34	.29
511-74AC04B	DIP-14	Hex inverter/buffer	.34	.29
511-74AC08B	DIP-14	Quad 2-input AND gate	.34	.29
511-74AC14B	DIP-14	Hex schmitt inverter	.40	.34
511-74AC32B	DIP-14	Quad 2-input OR gate	.34	.29
511-74AC74B	DIP-14	Dual D-type flip-flop with preset & clear	.40	.34
511-74AC86B	DIP-14	Quad exclusive OR gate	.34	.29
511-74AC125B	DIP-14	Quad bus buffer (3-state)	.46	.39
511-74AC138B	DIP-16	3-to-8 line decoder (inv.)	.46	.39
511-74AC240B	DIP-20	Octal bus buffer (3-state/inv.)	.62	.53
511-74AC244B	DIP-20	Octal bus buffer (3-state)	.62	.53
511-74AC245B	DIP-20	Octal bus transceiver (3-state)	.62	.53
511-74AC257B	DIP-16	Quad 2-channel multiplexer (3-state)	.46	.39
511-74AC273B	DIP-20	Octal D-type flip-flop with clear	.62	.53
511-74AC373B	DIP-20	Octal D-type latch (3-state)	.62	.53
511-74AC374B	DIP-20	Octal D-type flip-flop (3-state)	.62	.53
511-74AC573B	DIP-20	Octal D-type latch (3-state)	.70	.60
511-74AC574B	DIP-20	Octal D-type flip-flop (3-state)	.70	.60

74ACT ADVANCED HIGH SPEED CMOS

- Supply voltage: 2.0 to 6.0V
- Operating temperature: -40°C to +85°C
- Output current: 24mA min.
- Propagation delay time: 4ns typ.

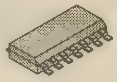
MOUSER STOCK NO.	Package Type	Description	Price Each	
			1	100
Surface Mount				
511-74ACT00M	SO-14	Quad 2-input NAND gate	.34	.29
511-74ACT02M	SO-14	Quad 2-input NOR gate	.34	.29
511-74ACT04M	SO-14	Hex inverter	.34	.29
511-74ACT08M	SO-14	Quad 2-input AND gate	.34	.29
511-74ACT14M	SO-14	Hex schmitt inverter	.40	.34
511-74ACT32M	SO-14	Quad 2-input OR gate	.34	.29
511-74ACT74M	SO-14	Dual D-type flip-flop with preset & clear	.40	.34
511-74ACT86M	SO-14	Quad exclusive OR gate	.34	.29
511-74ACT125M	SO-14	Quad bus buffer (3-state)	.46	.39
511-74ACT138M	SO-16	3-to-8 line decoder (inv.)	.46	.39
511-74ACT174M	SO-16	Hex D-type flip-flop with clear	.46	.39
511-74ACT240M	SO-20	Octal bus buffer (3-state/inv.)	.62	.53
511-74ACT244M	SO-20	Octal bus buffer (3-state)	.62	.53
511-74ACT245M	SO-20	Octal bus transceiver (3-state)	.80	.68
511-74ACT257M	SO-16	Quad 2-channel multiplexer (3-state)	.46	.39
511-74ACT273M	SO-20	Octal D-type flip-flop clear	.62	.53
511-74ACT373M	SO-20	Octal D-type latch (3-state)	.62	.53
511-74ACT374M	SO-20	Octal D-type flip-flop (3-state)	.62	.53
511-74ACT573M	SO-20	Octal D-type latch (3-state)	.70	.60
511-74ACT574M	SO-20	Octal D-type flip-flop (3-state)	.70	.60
Thru-Hole				
511-74ACT00B	DIP-14	Quad 2-input NAND gate	.34	.29
511-74ACT02B	DIP-14	Quad 2-input NOR gate	.34	.29
511-74ACT04B	DIP-14	Hex schmitt inverter	.34	.29
511-74ACT08B	DIP-14	Quad 2-input AND gate	.34	.29
511-74ACT32B	DIP-14	Quad 2-input OR gate	.34	.29
511-74ACT74B	DIP-14	Dual D-type flip-flop with preset & clear	.40	.34
511-74ACT86B	DIP-14	Quad exclusive OR gate	.34	.29
511-74ACT125B	DIP-14	Quad bus buffer (3-state)	.46	.39
511-74ACT138B	DIP-16	3-to-8 line decoder (inv.)	.46	.39
511-74ACT240B	DIP-20	Octal bus buffer (3-state/inv.)	.62	.53
511-74ACT244B	DIP-20	Octal bus buffer (3-state)	.62	.53
511-74ACT245B	DIP-20	Octal bus transceiver (3-state)	.62	.53
511-74ACT257B	DIP-16	Quad 2-channel multiplexer (3-state)	.46	.39
511-74ACT273B	DIP-20	Octal D-type flip-flop with clear	.62	.53
511-74ACT373B	DIP-20	Octal D-type latch (3-state)	.62	.53
511-74ACT374B	DIP-20	Octal D-type flip-flop (3-state)	.62	.53
511-74ACT573B	DIP-20	Octal D-type latch (3-state)	.70	.60
511-74ACT574B	DIP-20	Octal D-type flip-flop (3-state)	.70	.60

74HC HIGH SPEED CMOS

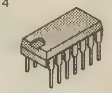
- Supply voltage: 4.5 to 5.5V
- Operating temperature: -40°C to +85°C
- Output current: 6mA min.
- Propagation delay time: 12ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each	
			1	100
Surface Mount				
511-M74HC00M	SO-14	Quad 2-input NAND gate	.34	.29
511-M74HC02M	SO-14	Quad 2-input NOR gate	.34	.29
511-M74HC03M	SO-14	Quad 2-input NAND gate (open drain)	.34	.29
511-M74HC04M	SO-14	Hex inverter	.34	.29
511-M74HC08M	SO-14	Quad 2-input AND gate	.34	.29
511-M74HC10M	SO-14	Triple 3-input NAND gate	.34	.29
511-M74HC11M	SO-14	Triple 3-input AND gate	.34	.29
511-M74HC14M	SO-14	Hex schmitt inverter	.34	.29
511-M74HC20M	SO-14	Dual 4-input NAND gate	.34	.29
511-M74HC21M	SO-14	Dual 4-input AND gate	.34	.29
511-M74HC27M	SO-14	Triple 3-input NOR gate	.34	.29
511-M74HC30M	SO-14	8-input NAND gate	.34	.29
511-M74HC32M	SO-14	Quad 2-input OR gate	.34	.29
511-M74HC42M	SO-16	BCD to decimal decoder	.52	.44
511-M74HC73M	SO-14	Dual J-K flip-flop with clear	.40	.34
511-M74HC74M	SO-14	Dual D-type flip-flop with preset & clear	.40	.34
511-M74HC85M	SO-16	4-bit magnitude comparator	.52	.44
511-M74HC86M	SO-14	Quad exclusive OR gate	.40	.34
511-M74HC107M	SO-14	Dual J-K flip-flop with clear	.40	.34
511-M74HC109M	SO-16	Dual J-K flip-flop with preset & clear	.40	.34
511-M74HC123M	SO-16	Dual retrig. monostable multivibrator with clear	.60	.51
511-M74HC125M	SO-14	Quad bus buffer (3-state)	.40	.34
511-M74HC126M	SO-14	Quad bus buffer (3-state)	.40	.34
511-M74HC132M	SO-14	Quad 2-input schmitt NAND gate	.40	.34
511-M74HC133M	SO-16	13-input NAND gate	.34	.29
511-M74HC137M	SO-16	3-to-8 line decoder latch (inv.)	.50	.43
511-M74HC138M	SO-16	3-to-8 line decoder (inv.)	.48	.41
511-M74HC139M	SO-16	Dual 2-to-4 line decoder/demultiplexer	.44	.37
511-M74HC147M	SO-16	10-to-4 line priority encoder	.48	.41
511-M74HC148M	SO-16	8-to-3 line priority encoder	.52	.44
511-M74HC151M	SO-16	8-channel multiplexer	.44	.37
511-M74HC153M	SO-16	Dual 4-channel multiplexer	.48	.41
511-M74HC154M	SO-16	4-to-16 line decoder/demultiplexer	2.66	2.26
511-M74HC155M	SO-16	Dual 2-to-4 line decoder/3-to-8 line decoder	.48	.41
511-M74HC157M	SO-16	Quad 2-channel multiplexer	.44	.37
511-M74HC161M	SO-16	Synchronous binary counter with async. clear	.52	.44
511-M74HC163M	SO-16	Synchronous binary counter with sync. clear	.52	.44
511-M74HC164M	SO-14	8-bit serial-in-parallel-out (SIPO) shift register	.50	.43
511-M74HC165M	SO-16	8-bit parallel-in-serial-out (PISO) shift register	.50	.43
511-M74HC166M	SO-16	8-bit parallel-in-serial-out (PISO) shift register	.52	.44
511-M74HC173M	SO-16	Quad D-type register (3-state)	.52	.44
511-M74HC174M	SO-16	Hex D-type flip-flop with clear	.52	.44
511-M74HC175M	SO-16	Quad D-type flip-flop with clear	.52	.44
511-M74HC190M	SO-16	BCD synchronous up/down counter	.72	.61
511-M74HC191M	SO-16	4-bit synchronous binary up/down counter	.72	.61
511-M74HC193M	SO-16	Synchronous binary up/down counter	.62	.53
511-M74HC221M	SO-16	Dual monostable multivibrator	.52	.44
511-M74HC238M	SO-16	3-to-8 line decoder	.50	.43
511-M74HC240M	SO-20	Octal bus buffer (3-state/inv.)	.62	.53
511-M74HC244M	SO-20	Octal bus buffer (3-state)	.62	.53
511-M74HC245M	SO-20	Octal bus transceiver (3-state)	.80	.68
511-M74HC251M	SO-16	8-channel multiplexer (3-state)	.48	.41
511-M74HC253M	SO-16	Dual 4-channel multiplexer (3-state)	.48	.41
511-M74HC257M	SO-16	Quad 2-channel multiplexer (3-state)	.48	.41
511-M74HC259M	SO-16	8-bit addressable latch	.56	.48
511-M74HC266M	SO-14	Quad exclusive OR gate with open drain	.44	.37
511-M74HC273M	SO-20	Octal D-type flip-flop with clear	.62	.53
511-M74HC283M	SO-16	4-bit binary full adder	.56	.48
511-M74HC299M	SO-20	8-bit parallel-in-parallel-out (PIPO) shift register	.96	.82
511-M74HC365M	SO-16	Hex bus buffer (3-state)	.44	.37
511-M74HC367M	SO-16	Hex bus buffer (3-state)	.44	.37
511-M74HC368M	SO-16	Hex bus buffer (3-state/inv.)	.44	.37
511-M74HC373M	SO-20	Octal D-type latch (3-state)	.62	.53
511-M74HC374M	SO-20	Octal D-type flip-flop (3-state)	.62	.53
511-M74HC377M	SO-20	Quad D-type flip-flop	.58	.49
511-M74HC390M	SO-16	Dual decade counter	.58	.49
511-M74HC393M	SO-14	Dual binary counter	.58	.49
511-M74HC540M	SO-20	Octal bus buffer (3-state/inv.)	.70	.60
511-M74HC541M	SO-20	Octal bus buffer (3-state)	.70	.60
511-M74HC573M	SO-20	Octal D-type latch (3-state)	.70	.60
511-M74HC574M	SO-20	Octal D-type flip-flop (3-state)	.70	.60
511-M74HC590M	SO-16	8-bit binary counter register (3-state)	.86	.73
511-M74HC595M	SO-16	8-bit shift register output latch (3-state)	.82	.70
511-M74HC597M	SO-16	8-bit latch shift register	.82	.70
511-M74HC688M	SO-20	8-bit equality comparator	.82	.70
511-M74HC4002M	SO-14	Dual 4-input NOR gate	.34	.29
511-M74HC4016M	SO-14	Quad bilateral switch	.44	.37
511-M74HC4017M	SO-16	Decade counter/divider	.60	.51
511-M74HC4020M	SO-16	14-stage binary counter	.70	.60
511-M74HC4024M	SO-14	7-stage binary counter	.52	.44
511-M74HC4040M	SO-16	12-stage binary counter	.68	.58
511-M74HC4049M	SO-16	Hex buffer/converter (inv.)	.44	.37
511-M74HC4050M	SO-16	Hex buffer/converter	.44	.37
511-M74HC4051M	SO-16	Single 8-channel analog multiplexer/demultiplexer	.84	.71
511-M74HC4052M	SO-16	Dual 4-channel analog multiplexer/demultiplexer	.84	.71
511-M74HC4053M	SO-16	Triple 2-channel analog multiplexer/demultiplexer	.84	.71

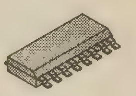
SO-14



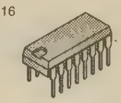
DIP-14



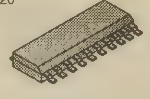
SO-16



DIP-16



SO-20



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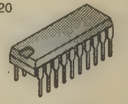

74HC HIGH SPEED CMOS (cont.)

- Supply voltage: 2.0 to 6.0V
- Output current: 6mA min.
- Operating temperature: -40°C to +85°C
- Propagation delay time: 12ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each	
			1	100
Surface Mount				
511-M74HC4060M	SO-16	14-stage binary counter/oscillator	.64	.54
511-M74HC4066M	SO-14	Quad bilateral switch	.44	.37
511-M74HC4075M	SO-14	Triple 3-input OR gate	.34	.29
511-M74HC4078M	SO-14	8-input NOR/OR gate	.34	.29
511-M74HC4094M	SO-16	8-bit serial-in-parallel-out (SIPO) shift register	.70	.60
511-M74HC4316M	SO-16	Quad bilateral switch	.48	.41
511-M74HC4520M	SO-16	Dual 4-bit binary counter	.62	.53
511-M74HC4538M	SO-16	Dual monostable multivibrator	.64	.54
511-M74HC7266M	SO-14	Quad exclusive NOR gate	.44	.37
511-M74HCU04M	SO-14	Hex inverter (single stage)	.34	.29
Thru-Hole				
511-M74HC00	DIP-14	Quad 2-input NAND gate	.34	.29
511-M74HC02	DIP-14	Quad 2-input NOR gate	.34	.29
511-M74HC03	DIP-14	Quad 2-input NAND gate (open drain)	.34	.29
511-M74HC04	DIP-14	Hex inverter	.34	.29
511-M74HC05	DIP-14	Hex inverter	.34	.29
511-M74HC08	DIP-14	Quad 2-input AND gate	.34	.29
511-M74HC10	DIP-14	Triple 3-input NAND gate	.34	.29
511-M74HC11	DIP-14	Triple 3-input AND gate	.34	.29
511-M74HC14	DIP-14	Hex schmitt inverter	.34	.29
511-M74HC20	DIP-14	Dual 4-input NAND gate	.34	.29
511-M74HC21	DIP-14	Dual 4-input AND gate	.34	.29
511-M74HC27	DIP-14	Triple 3-input NOR gate	.34	.29
511-M74HC30	DIP-14	8-input NAND gate	.34	.29
511-M74HC32	DIP-14	Quad 2-input OR gate	.34	.29
511-M74HC42	DIP-16	BCD to decimal decoder	.52	.44
511-M74HC51	DIP-14	Dual 2-wide 2-input AND-OR inv. gate	.34	.29
511-M74HC73	DIP-14	Dual J-K flip-flop with clear	.40	.34
511-M74HC74	DIP-14	Dual D-type flip-flop with preset & clear	.40	.34
511-M74HC75	DIP-16	4-bit D-type latch	.40	.34
511-M74HC76	DIP-16	Dual J-K flip-flop with preset & clear	.40	.34
511-M74HC85	DIP-16	4-bit magnitude comparator	.52	.44
511-M74HC86	DIP-14	Quad exclusive OR gate	.40	.34
511-M74HC107	DIP-14	Dual J-K flip-flop with clear	.40	.34
511-M74HC109	DIP-16	Dual J-K flip-flop with preset & clear	.40	.34
511-M74HC112	DIP-16	Dual J-K flip-flop with preset & clear	.40	.34
511-M74HC113	DIP-14	Dual J-K flip-flop with preset	.40	.34
511-M74HC123	DIP-16	Dual retrig. monostable multivibrator with clear	.56	.48
511-M74HC125	DIP-14	Quad bus buffer (3-state)	.40	.34
511-M74HC126	DIP-14	Quad bus buffer (3-state)	.40	.34
511-M74HC132	DIP-14	Quad 2-input schmitt NAND gate	.40	.34
511-M74HC133	DIP-16	13-input NAND gate	.34	.29
511-M74HC137	DIP-16	3-to-8 line decoder latch (inv.)	.50	.43
511-M74HC138	DIP-16	3-to-8 line decoder (inv.)	.48	.41
511-M74HC139	DIP-16	Dual 2-to-4 line decoder/demultiplexer	.44	.37
511-M74HC147	DIP-16	10-to-4 line priority encoder	.48	.41
511-M74HC148	DIP-16	8-to-3 line priority encoder	.52	.44
511-M74HC151	DIP-16	8-channel multiplexer	.44	.37
511-M74HC153	DIP-16	Dual 4-channel multiplexer	.48	.41
511-M74HC154	DIP-16	4-to-16 line decoder/demultiplexer	2.20	1.87
511-M74HC155	DIP-16	Dual 2-to-4 line decoder/3-to-8 line decoder	.48	.41
511-M74HC157	DIP-16	Quad 2-channel multiplexer	.44	.37
511-M74HC161	DIP-16	Synchronous binary counter with async. clear	.52	.44
511-M74HC163	DIP-16	Synchronous binary counter with sync. clear	.52	.44
511-M74HC164	DIP-14	8-bit serial-in-parallel-out (SIPO) shift register	.50	.43
511-M74HC165	DIP-16	8-bit parallel-in-serial-out (PISO) shift register	.50	.43
511-M74HC166	DIP-16	8-bit parallel-in-serial-out (PISO) shift register	.52	.44
511-M74HC173	DIP-16	Quad D-type register (3-state)	.52	.44
511-M74HC174	DIP-16	Hex D-type flip-flop with clear	.52	.44
511-M74HC175	DIP-16	Quad D-type flip-flop with clear	.52	.44
511-M74HC190	DIP-16	BCD synchronous up/down counter	.72	.61
511-M74HC191	DIP-16	4-bit synchronous binary up/down counter	.72	.61
511-M74HC192	DIP-16	Synchronous up/down decade counter	.62	.53
511-M74HC193	DIP-16	Synchronous binary up/down counter	.62	.53
511-M74HC194	DIP-16	4-bit parallel-in-parallel-out (PIPO) shift register	.58	.49
511-M74HC221	DIP-16	Dual monostable multivibrator	.52	.44
511-M74HC237	DIP-16	3-to-8 line decoder latch	.52	.44
511-M74HC238	DIP-16	3-to-8 line decoder	.50	.43
511-M74HC240	DIP-20	Octal bus buffer (3-state/inv.)	.62	.53
511-M74HC241	DIP-20	Octal bus buffer (3-state)	.62	.53
511-M74HC243	DIP-14	Quad bus transceiver (3-state)	.56	.48
511-M74HC244	DIP-20	Octal bus buffer (3-state)	.62	.53
511-M74HC245	DIP-20	Octal bus transceiver (3-state)	.80	.68
511-M74HC251	DIP-16	8-channel multiplexer (3-state)	.48	.41
511-M74HC253	DIP-16	Dual 4-channel multiplexer (3-state)	.48	.41
511-M74HC257	DIP-16	Quad 2-channel multiplexer (3-state)	.48	.41
511-M74HC259	DIP-16	8-bit addressable latch	.56	.48
511-M74HC266	DIP-14	Quad exclusive OR gate with open drain	.44	.37
511-M74HC273	DIP-20	Octal D-type flip-flop with clear	.62	.53
511-M74HC279	DIP-16	Quad set/reset latch	.50	.43
511-M74HC280	DIP-14	9-bit parity generator	.52	.44
511-M74HC283	DIP-16	4-bit binary full adder	.56	.48
511-M74HC298	DIP-16	Quad 2-channel multiplexer register	.48	.41

74HC HIGH SPEED CMOS (cont.)

MOUSER STOCK NO.	Package Type	Description	Price Each	
			1	100
Thru-Hole				
511-M74HC299	DIP-20	8-bit parallel-in-parallel-out (PIPO) shift register	.96	.82
511-M74HC365	DIP-16	Hex bus buffer (3-state)	.44	.37
511-M74HC366	DIP-16	Hex bus buffer (3-state/inv.)	.44	.37
511-M74HC367	DIP-16	Hex bus buffer (3-state)	.44	.37
511-M74HC368	DIP-16	Hex bus buffer (3-state/inv.)	.44	.37
511-M74HC373	DIP-20	Octal D-type latch (3-state)	.62	.53
511-M74HC374	DIP-20	Octal D-type flip-flop (3-state)	.62	.53
511-M74HC377	DIP-20	Quad D-type flip-flop	.58	.49
511-M74HC390	DIP-16	Dual decade counter	.58	.49
511-M74HC393	DIP-14	Dual binary counter	.58	.49
511-M74HC423	DIP-16	Dual monostable multivibrator with clear	.52	.44
511-M74HC533	DIP-20	Octal D-type latch (3-state/inv.)	.62	.53
511-M74HC534	DIP-20	Octal D-type flip-flop (3-state/inv.)	.62	.53
511-M74HC540	DIP-20	Octal bus buffer (3-state/inv.)	.70	.60
511-M74HC541	DIP-20	Octal bus buffer (3-state)	.70	.60
511-M74HC563	DIP-20	Octal D-type latch (3-state/inv.)	.70	.60
511-M74HC564	DIP-20	Octal D-type flip-flop (3-state/inv.)	.70	.60
511-M74HC573	DIP-20	Octal D-type latch (3-state)	.70	.60
511-M74HC574	DIP-20	Octal D-type flip-flop (3-state)	.70	.60
511-M74HC590	DIP-16	8-bit binary counter register (3-state)	.86	.73
511-M74HC595	DIP-16	8-bit shift register output latch (3-state)	.82	.70
511-M74HC597	DIP-16	8-bit latch shift register	.82	.70
511-M74HC623	DIP-20	Octal bus transceiver (3-state)	.84	.71
511-M74HC640	DIP-20	Octal bus transceiver (3-state/inv.)	.88	.75
511-M74HC670	DIP-16	4-word X 4-bit register file (3-state)	.84	.71
511-M74HC688	DIP-20	8-bit equality comparator	.82	.70
511-M74HC4002	DIP-14	Dual 4-input NOR gate	.34	.29
511-M74HC4016	DIP-14	Quad bilateral switch	.44	.37
511-M74HC4017	DIP-16	Decade counter/divider	.60	.51
511-M74HC4020	DIP-16	14-stage binary counter	.70	.60
511-M74HC4024	DIP-14	7-stage binary counter	.52	.44
511-M74HC4040	DIP-16	12-stage binary counter	.70	.60
511-M74HC4049	DIP-16	Hex buffer/converter (inv.)	.44	.37
511-M74HC4050	DIP-16	Hex buffer/converter	.44	.37
511-M74HC4051	DIP-16	Single 8-channel analog multiplexer/demultiplexer	.84	.71
511-M74HC4052	DIP-16	Dual 4-channel analog multiplexer/demultiplexer	.84	.71
511-M74HC4053	DIP-16	Triple 2-channel analog multiplexer/demultiplexer	.84	.71
511-M74HC4060	DIP-16	14-stage binary counter/oscillator	.64	.54
511-M74HC4066	DIP-14	Quad bilateral switch	.44	.37
511-M74HC4072	DIP-14	Dual 4-input OR gate	.34	.29
511-M74HC4075	DIP-14	Triple 3-input OR gate	.34	.29
511-M74HC4078	DIP-14	8-input NOR/OR gate	.34	.29
511-M74HC4094	DIP-16	8-bit serial-in-parallel-out (SIPO) shift register	.70	.60
511-M74HC4316	DIP-16	Quad bilateral switch	.48	.41
511-M74HC4511	DIP-16	BCD-to-7-segment LED latch/decoder/driver	.64	.54
511-M74HC4514	DIP-24	4-to-16 line decoder latch	2.20	1.87
511-M74HC4515	DIP-24	4-to-16 line decoder latch (inv.)	2.20	1.87
511-M74HC4518	DIP-16	Dual decade counter	.62	.53
511-M74HC4520	DIP-16	Dual 4-bit binary counter	.62	.53
511-M74HC4538	DIP-16	Dual monostable multivibrator	.64	.54
511-M74HC4543	DIP-16	BCD-to-7-segment LCD latch/decoder/driver	.70	.60
511-M74HC7266	DIP-14	Quad exclusive NOR gate	.44	.37
511-M74HCU04	DIP-14	Hex inverter (single stage)	.34	.29

74HCT HIGH SPEED CMOS

- Supply voltage: 4.5 to 5.5V
- Output current: 6mA min.
- Operating temperature: -40°C to +85°C
- Propagation delay time: 12ns typ.

Surface Mount				
511-M74HCT00M	SO-14	Quad 2-input NAND gate	.34	.29
511-M74HCT02M	SO-14	Quad 2-input NOR gate	.34	.29
511-M74HCT04M	SO-14	Hex inverter	.34	.29
511-M74HCT08M	SO-14	Quad 2-input AND gate	.34	.29
511-M74HCT10M	SO-14	Triple 3-input NAND gate	.34	.29
511-M74HCT14M	SO-14	Hex schmitt inverter	.40	.34
511-M74HCT30M	SO-14	8-input NAND gate	.34	.29
511-M74HCT32M	SO-14	Quad 2-input OR gate	.34	.29
511-M74HCT74M	SO-14	Dual D-type flip-flop with preset & clear	.44	.37
511-M74HCT86M	SO-14	Quad exclusive OR gate	.40	.34
511-M74HCT125M	SO-14	Quad bus buffer (3-state)	.40	.34
511-M74HCT138M	SO-16	3-to-8 line decoder (inv.)	.48	.41
511-M74HCT157M	SO-16	Quad 2-channel multiplexer	.52	.44
511-M74HCT241M	SO-20	Octal bus buffer (3-state)	.68	.58
511-M74HCT244M	SO-20	Octal bus buffer (3-state)	.68	.58
511-M74HCT245M	SO-20	Octal bus transceiver (3-state)	.80	.68
511-M74HCT257M	SO-16	Quad 2-channel multiplexer (3-state)	.50	.43
511-M74HCT273M	SO-20	Octal D-type flip-flop with clear	.66	.56
511-M74HCT367M	SO-16	Hex bus buffer (3-state)	.44	.37
511-M74HCT373M	SO-20	Octal D-type latch (3-state)	.68	.58
511-M74HCT374M	SO-20	Octal D-type flip-flop (3-state)	.68	.58
511-M74HCT540M	SO-20	Octal bus buffer (3-state)	.70	.60
511-M74HCT541M	SO-20	Octal bus buffer (3-state)	.70	.60
511-M74HCT573M	SO-20	Octal D-type latch (3-state)	.70	.60
511-M74HCT574M	SO-20	Octal D-type flip-flop (3-state)	.70	.60
511-M74HCT7259M	SO-16	8-bit addressable latch/decoder/driver	2.48	2.11

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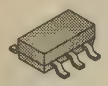
SOT-23-5L



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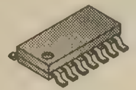

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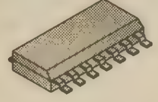

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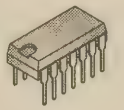

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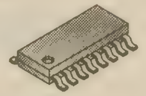

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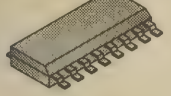

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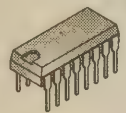

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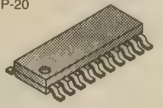

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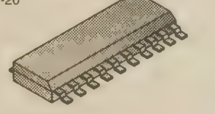

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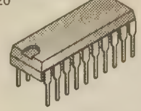


74HCT HIGH SPEED CMOS (cont.)

- Supply voltage: 4.5 to 5.5V
- Operating temperature: -40°C to +85°C
- Output current: 6mA min.
- Propagation delay time: 12ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each 1	100
Thru-Hole				
511-M74HCT00	DIP-14	Quad 2-input NAND gate	.34	.29
511-M74HCT04	DIP-14	Hex inverter	.34	.29
511-M74HCT08	DIP-14	Quad 2-input AND gate	.34	.29
511-M74HCT10	DIP-14	Triple 3-input NAND gate	.34	.29
511-M74HCT14	DIP-14	Hex schmitt inverter	.40	.34
511-M74HCT27	DIP-14	Triple 3-input NOR gate	.34	.29
511-M74HCT30	DIP-14	8-input NAND gate	.34	.29
511-M74HCT32	DIP-14	Quad 2-input OR gate	.34	.29
511-M74HCT74	DIP-14	Dual D-type flip-flop with preset & clear	.44	.37
511-M74HCT86	DIP-14	Quad exclusive OR gate	.40	.34
511-M74HCT125	DIP-14	Quad bus buffer (3-state)	.40	.34
511-M74HCT137	DIP-16	3-to-8 line decoder latch (inv.)	.50	.43
511-M74HCT138	DIP-16	3-to-8 line decoder (inv.)	.48	.41
511-M74HCT157	DIP-16	Quad 2-channel multiplexer	.52	.44
511-M74HCT164	DIP-14	8-bit serial-in-parallel-out (SIPO) shift register	.50	.43
511-M74HCT174	DIP-16	Hex D-type flip-flop with clear	.52	.44
511-M74HCT240	DIP-20	Octal bus buffer (3-state/inv.)	.68	.58
511-M74HCT241	DIP-20	Octal bus buffer (3-state)	.68	.58
511-M74HCT244	DIP-20	Octal bus buffer (3-state)	.68	.58
511-M74HCT245	DIP-20	Octal bus transceiver (3-state)	.80	.68
511-M74HCT257	DIP-16	Quad 2-channel multiplexer (3-state)	.50	.43
511-M74HCT273	DIP-20	Octal D-type flip-flop with clear	.66	.56
511-M74HCT373	DIP-20	Octal D-type latch (3-state)	.68	.58
511-M74HCT374	DIP-20	Octal D-type flip-flop (3-state)	.68	.58
511-M74HCT540	DIP-20	Octal bus buffer (3-state/inv.)	.70	.60
511-M74HCT541	DIP-20	Octal bus buffer (3-state)	.70	.60
511-M74HCT573	DIP-20	Octal D-type latch (3-state)	.70	.60
511-M74HCT574	DIP-20	Octal D-type flip-flop (3-state)	.70	.60
511-M74HCT640	DIP-20	Octal bus transceiver (3-state/inv.)	.92	.78
511-M74HCT646	DIP-24	Octal bus transceiver register (3-state)	2.48	2.11
511-M74HCT688	DIP-20	8-bit equality comparator	.82	.70
511-M74HCT7007	DIP-14	Hex buffer	.40	.34
511-M74HCT7259	DIP-16	8-bit addressable latch/decoder/driver	2.48	2.11

74LCX LOW VOLTAGE CMOS

- Supply voltage: 2.7 to 3.6V
- Operating temperature: -40°C to +85°C
- Output current: 24mA min.
- Propagation delay time: 4.5ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each 1	100
Surface Mount				
511-74LCX00M	SO-14	Quad 2-input NAND gate with 5V tolerant input	.46	.39
511-74LCX00T	TSOP-14	Quad 2-input NAND gate with 5V tolerant input	.46	.39
511-74LCX02M	SO-14	Quad 2-input NOR gate with 5V tolerant input	.52	.44
511-74LCX02T	TSOP-14	Quad 2-input NOR gate with 5V tolerant input	.40	.34
511-74LCX04M	SO-14	Hex inverter with 5V tolerant input	.46	.39
511-74LCX04T	TSOP-14	Hex inverter with 5V tolerant input	.40	.34
511-74LCX08M	SO-14	Quad 2-input AND gate with 5V tolerant input	.46	.39
511-74LCX08T	TSOP-14	Quad 2-input AND gate with 5V tolerant input	.46	.39
511-74LCX14M	SO-14	Hex schmitt inverter with 5V tolerant input	.52	.44
511-74LCX14T	TSOP-14	Hex schmitt inverter with 5V tolerant input	.40	.34
511-74LCX32M	SO-14	Quad 2-input OR gate with 5V tolerant input	.46	.39
511-74LCX32T	TSOP-14	Quad 2-input OR gate with 5V tolerant input	.40	.34
511-74LCX74M	SO-14	Dual D-type flip-flop w/preset & clear, 5V tol. input	.52	.44
511-74LCX74T	TSOP-14	Dual D-type flip-flop w/preset & clear, 5V tol. input	.50	.43
511-74LCX86M	SO-14	Quad exclusive OR gate with 5V tolerant input	.46	.39
511-74LCX86T	TSOP-14	Quad exclusive OR gate with 5V tolerant input	.46	.39
511-74LCX125M	SO-14	Quad bus buffer 3-state with 5V tol. input/output	.60	.51
511-74LCX125T	TSOP-14	Quad bus buffer 3-state with 5V tol. input/output	.50	.43
511-74LCX240M	SO-16	Octal bus buffer 3-state/inv. w/5V tol. input/output	1.12	.95
511-74LCX240T	TSOP-16	Octal bus buffer 3-state/inv. w/5V tol. input/output	1.12	.95
511-74LCX244M	SO-20	Octal bus buffer 3-state w/5V tol. input/output	1.12	.95
511-74LCX244T	TSOP-20	Octal bus buffer 3-state w/5V tol. input/output	1.12	.95
511-74LCX245M	SO-20	Octal bus tranceiver 3-state w/5V tol. input/output	1.12	.95
511-74LCX245T	TSOP-20	Octal bus tranceiver 3-state w/5V tol. input/output	1.12	.95
511-74LCX373M	SO-20	Octal D-type latch 3-state w/5V tol. input/output	.96	.82
511-74LCX374M	SO-20	Octal D-type flip-flop 3-state w/5V tol. input/output	.86	.73
511-74LCX573M	SO-20	Octal D-type latch 3-state w/5V tol. input/output	1.02	.87
511-74LCX574M	SO-20	Octal D-type flip-flop 3-state w/5V tol. input/output	1.08	.92

74LVQ LOW VOLTAGE CMOS

- Supply voltage: 3.0 to 3.6V
- Operating temperature: -40°C to +85°C
- Output current: 4mA min.
- Propagation delay time: 6ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each 1	100
Surface Mount				
511-74LVQ00M	SO-14	Quad 2-input NAND gate	.34	.29
511-74LVQ02M	SO-14	Quad 2-input NOR gate	.34	.29
511-74LVQ04M	SO-14	Hex inverter	.34	.29
511-74LVQ08M	SO-14	Quad 2-input AND gate	.34	.29
511-74LVQ14M	SO-14	Hex schmitt inverter	.40	.34
511-74LVQ32M	SO-14	Quad 2-input OR gate	.34	.29
511-74LVQ74M	SO-14	Dual D-type flip-flop with preset & clear	.42	.36
511-74LVQ86M	SO-14	Quad exclusive OR gate	.46	.39
511-74LVQ125M	SO-14	Quad bus buffer (3-state)	.46	.39
511-74LVQ138M	SO-16	3-to-8 line decoder (inv.)	.46	.39
511-74LVQ157M	SO-16	Quad 2-channel multiplexer	.50	.43
511-74LVQ240M	SO-20	Octal bus buffer (3-state/inv.)	.62	.53
511-74LVQ241M	SO-20	Octal bus buffer (3-state)	.62	.53
511-74LVQ244M	SO-20	Octal bus buffer (3-state)	.62	.53
511-74LVQ245M	SO-20	Octal bus transceiver (3-state)	.62	.53
511-74LVQ273M	SO-20	Octal D-type flip-flop with clear	.62	.53
511-74LVQ373M	SO-20	Octal D-type latch (3-state)	.62	.53
511-74LVQ374M	SO-20	Octal D-type flip-flop (3-state)	.62	.53
511-74LVQ573M	SO-20	Octal D-type latch (3-state)	.62	.53
511-74LVQ574M	SO-20	Octal D-type flip-flop (3-state)	.62	.53

74V1G SINGLE GATE HIGH SPEED CMOS

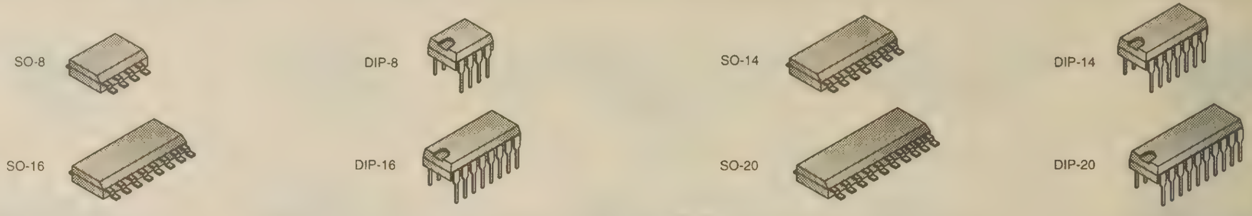
- Supply voltage: 2.0 to 5.5V
- Operating temperature: -40°C to +85°C
- Output current: 8mA min.
- Propagation delay time: 4ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each 1	100
Surface Mount				
511-74V1G00S	SOT-23-5L	Single 2-input NAND gate	.28	.24
511-74V1G02S	SOT-23-5L	Single 2-input NOR gate	.28	.24
511-74V1G03S	SOT-23-5L	Single 2-input NAND gate (open drain)	.28	.24
511-74V1G04S	SOT-23-5L	Single inverter	.28	.24
511-74V1G08S	SOT-23-5L	Single 2-input AND gate	.28	.24
511-74V1G14S	SOT-23-5L	Single schmitt inverter	.28	.24
511-74V1G32S	SOT-23-5L	Single 2-input OR gate	.28	.24
511-74V1G70S	SOT-23-5L	Single bus buffer	.28	.24
511-74V1G86S	SOT-23-5L	Single exclusive OR gate	.28	.24
511-74V1G125S	SOT-23-5L	Single bus buffer (3-state)	.28	.24

74V1T SINGLE GATE HIGH SPEED CMOS

- Supply voltage: 4.5 to 5.5V
- Operating temperature: -40°C to +85°C
- Output current: 8mA min.
- Propagation delay time: 4ns typ.

MOUSER STOCK NO.	Package Type	Description	Price Each 1	100
Surface Mount				
511-74V1T00S	SOT-23-5L	Single 2-input NAND gate	.28	.24
511-74V1T02S	SOT-23-5L	Single 2-input NOR gate	.28	.24
511-74V1T03S	SOT-23-5L	Single 2-input NAND gate (open drain)	.28	.24
511-74V1T04S	SOT-23-5L	Single inverter	.28	.24
511-74V1T08S	SOT-23-5L	Single 2-input AND gate	.28	.24
511-74V1T14S	SOT-23-5L	Single schmitt inverter	.28	.24
511-74V1T32S	SOT-23-5L	Single 2-input OR gate	.28	.24
511-74V1T70S	SOT-23-5L	Single bus buffer	.28	.24
511-74V1T86S	SOT-23-5L	Single exclusive OR gate	.28	.24
511-74V1T125S	SOT-23-5L	Single bus buffer (3-state)	.28	.24



4000 SERIES CMOS

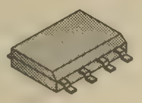
- Supply voltage: 3.0 to 18.0V
- Operating temperature: -40°C to +85°C
- Output current: 7mA min.
- Propagation delay time: 65ns typ.

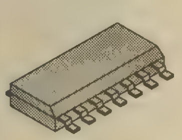
MOUSER STOCK NO.	Package Type	Description	Price Each	
			1	100
Surface Mount				
511-4000BM	SO-14	Dual 3-input NOR gate plus inverter	.34	.29
511-4001BM	SO-14	Quad 2-input NOR gate	.34	.29
511-4002BM	SO-14	Dual 4-input NOR gate	.34	.29
511-4007UBM	SO-14	Dual complementary pair plus inverter	.34	.29
511-4009UBM	SO-16	Hex buffer/converters inverting	.40	.34
511-4010BM	SO-16	Hex buffer/converters non-inverting	.40	.34
511-4011BM	SO-14	Quad 2-input NAND gate	.34	.29
511-4012BM	SO-14	Dual 4-input NAND gate	.34	.29
511-4013BM	SO-14	Dual D-type flip-flop	.40	.34
511-4014BM	SO-16	8-stage static synchronous shift register	.66	.56
511-4015BM	SO-16	Dual 4-stage static shift register	.66	.56
511-4016BM	SO-14	Quad bilateral switch	.38	.32
511-4017BM	SO-16	Decade counter/divider	.60	.51
511-4018BM	SO-16	Presettable divide-by N counter	.62	.53
511-4019BM	SO-16	Quad AND/OR selectable gate	.40	.34
511-4020BM	SO-16	14-stage binary/ripple counter	.62	.53
511-4021BM	SO-16	8-stage static shift register	.66	.56
511-4022BM	SO-16	Divide-by-8 counter/divider	.66	.56
511-4023BM	SO-14	Triple 3-input NAND gate	.34	.29
511-4024BM	SO-14	7-stage binary/ripple counter	.48	.41
511-4025BM	SO-14	Triple 3-input NOR gate	.34	.29
511-4027BM	SO-16	Dual J-K master-slave flip-flop	.44	.37
511-4028BM	SO-16	BCD-to-decimal decoder	.52	.44
511-4029BM	SO-16	Presettable up/down counter	.62	.53
511-4030BM	SO-14	Quad exclusive OR gate	.40	.34
511-4035BM	SO-16	4-stage parallel I/O shift register	.58	.49
511-4040BM	SO-16	12-stage binary/ripple counter	.62	.53
511-4041UBM	SO-14	Quad true/complement buffer	.52	.44
511-4043BM	SO-16	Quad 3-state NOR reset/set latch	.52	.44
511-4044BM	SO-16	Quad 3-state NAND reset/set latch	.52	.44
511-4047BM	SO-14	Monostable/astable multivibrator	.60	.51
511-4049UBM	SO-16	Hex inverting buffer/converter	.38	.32
511-4050BM	SO-16	Hex non-inverting buffer/converter	.38	.32
511-4051BM	SO-16	Single 8-ch analog multiplexer/demultiplexer	.52	.44
511-4052BM	SO-16	Differential 4-ch analog multiplexer/demultiplexer	.52	.44
511-4053BM	SO-16	Triple 2-ch analog multiplexer/demultiplexer	.52	.44
511-4054BM	SO-16	4-segment display driver	.62	.53
511-4056BM	SO-16	BCD-to-7 segment decoder/driver	.62	.53
511-4060BM	SO-16	14-stage counter/driver and oscillator	.62	.53
511-4063BM	SO-16	4-bit magnitude comparator	.52	.44
511-4066BM	SO-14	Quad bilateral switch	.40	.34
511-4067BM	SO-24	Single 16-ch analog multiplexer/demultiplexer	2.72	2.31
511-4068BM	SO-14	8-input NAND/AND gate	.34	.29
511-4069UBM	SO-14	Hex inverter	.34	.29
511-4070BM	SO-14	Quad exclusive OR gate	.34	.29
511-4071BM	SO-14	Quad 2-input OR gate	.34	.29
511-4072BM	SO-14	Dual 4-input OR gate	.34	.29
511-4073BM	SO-14	Triple 3-input AND gate	.34	.29
511-4075BM	SO-14	Triple 3-input OR gate	.34	.29
511-4076BM	SO-16	4-bit D-Type register	.58	.49
511-4077BM	SO-14	Quad exclusive NOR gate	.34	.29
511-4078BM	SO-14	8-input NOR/OR gate	.34	.29
511-4081BM	SO-14	Quad 2-input AND gate	.34	.29
511-4082BM	SO-14	Dual 4-input AND gate	.34	.29
511-4093BM	SO-14	Quad 2-input NAND schmitt trigger	.38	.32
511-4094BM	SO-16	8-stage shift-and-store bus register	.60	.51
511-4097BM	SO-24	8-Channel analog multiplexer/demultiplexer	2.72	2.31
511-4098BM	SO-16	Dual monostable multivibrator	.56	.48
511-4099BM	SO-16	8-bit addressable latch	.68	.58
511-4502BM	SO-16	Strobbed hex inverter/buffer	.56	.48
511-4503BM	SO-16	Hex buffer (3-state)(non-inverter)	.58	.49
511-4511BM	SO-16	BCD-to-7 segment latch/decoder/driver	.78	.66
511-4512BM	SO-16	8-channel data selector with 3-state output	.50	.43
511-4518BM	SO-16	Dual BCD up counter	.58	.49
511-4520BM	SO-16	Dual binary up counter	.58	.49
511-4532BM	SO-16	8-input priority encoder	.56	.48
511-4538BM	SO-16	Dual precision monostable multivibrator	.70	.60
511-4541BM	SO-16	Programmable timer	.64	.54
511-4556BM	SO-16	Dual 1-of-4 decoder/demultiplexer (output low)	.58	.49
511-4585BM	SO-16	4-bit magnitude comparator	.64	.54
511-40106BM	SO-14	Hex schmitt trigger	.44	.37
511-40107BM	SO-8	Dual 2-input NAND buffer/driver	.44	.37
511-40109BM	SO-16	Quad low-to-high voltage level shifter	2.98	2.53
511-40174BM	SO-16	Hex D-type flip-flop	.58	.49

MOUSER STOCK NO.	Package Type	Description	Price Each	
			1	100
Thru-Hole				
511-4001	DIP-14	Quad 2-input NOR gate	.34	.29
511-4002	DIP-14	Dual 4-input NOR gate	.34	.29
511-4007U	DIP-14	Dual complementary pair plus inverter	.34	.29
511-4009U	DIP-16	Hex buffer/converters inverting	.40	.34
511-4010	DIP-16	Hex buffer/converters non-inverting	.40	.34
511-4011	DIP-14	Quad 2-input NAND gate	.34	.29
511-4012	DIP-14	Dual 4-input NAND gate	.34	.29
511-4013	DIP-14	Dual D-type flip-flop	.40	.34
511-4014	DIP-16	8-stage static synchronous shift register	.66	.56
511-4015	DIP-16	Dual 4-stage static shift register	.66	.56
511-4016	DIP-14	Quad bilateral switch	.38	.32
511-4017	DIP-16	Decade counter/divider	.60	.51
511-4018	DIP-16	Presettable divide-by N counter	.62	.53
511-4019	DIP-16	Quad AND/OR selectable gate	.40	.34
511-4020	DIP-16	14-stage binary/ripple counter	.62	.53
511-4021	DIP-16	8-stage static shift register	.66	.56
511-4022	DIP-16	Divide-by-8 counter/divider	.66	.56
511-4023	DIP-14	Triple 3-input NAND gate	.34	.29
511-4024	DIP-14	7-stage binary/ripple counter	.48	.41
511-4025	DIP-14	Triple 3-input NOR gate	.34	.29
511-4027	DIP-16	Dual J-K master-slave flip-flop	.44	.37
511-4028	DIP-16	BCD-to-decimal decoder	.52	.44
511-4029	DIP-16	Presettable up/down counter	.62	.53
511-4030	DIP-14	Quad exclusive OR gate	.40	.34
511-4035	DIP-16	4-stage parallel I/O shift register	.58	.49
511-4040	DIP-16	12-stage binary/ripple counter	.62	.53
511-4041U	DIP-14	Quad true/complement buffer	.52	.44
511-4042	DIP-16	Quad clocked D-latch	.44	.37
511-4043	DIP-16	Quad 3-state NOR reset/set latch	.52	.44
511-4044	DIP-16	Quad 3-state NAND reset/set latch	.52	.44
511-4046	DIP-16	Micropower phase locked loop	.70	.60
511-4047	DIP-14	Monostable/astable multivibrator	.60	.51
511-4049U	DIP-16	Hex inverting buffer/converter	.38	.32
511-4050	DIP-16	Hex non-inverting buffer/converter	.38	.32
511-4051	DIP-16	Single 8-ch analog multiplexer/demultiplexer	.52	.44
511-4052	DIP-16	Differential 4-ch analog multiplexer/demultiplexer	.52	.44
511-4053	DIP-16	Triple 2-ch analog multiplexer/demultiplexer	.52	.44
511-4054	DIP-16	4-segment display driver	.62	.53
511-4056	DIP-16	BCD-to-7 segment decoder/driver	.62	.53
511-4060	DIP-16	14-stage counter/driver and oscillator	.62	.53
511-4063	DIP-16	4-bit magnitude comparator	.52	.44
511-4066	DIP-14	Quad bilateral switch	.40	.34
511-4068	DIP-14	8-input NAND/AND gate	.34	.29
511-4069U	DIP-14	Hex inverter	.34	.29
511-4070	DIP-14	Quad exclusive OR gate	.34	.29
511-4071	DIP-14	Quad 2-input OR gate	.34	.29
511-4072	DIP-14	Dual 4-input OR gate	.34	.29
511-4073	DIP-14	Triple 3-input AND gate	.34	.29
511-4076	DIP-16	4-bit D-Type register	.58	.49
511-4077	DIP-14	Quad exclusive NOR gate	.34	.29
511-4078	DIP-14	8-input NOR/OR gate	.34	.29
511-4081	DIP-14	Quad 2-input AND gate	.34	.29
511-4082	DIP-14	Dual 4-input AND gate	.34	.29
511-4093	DIP-14	Quad 2-input NAND schmitt trigger	.38	.32
511-4094	DIP-16	8-stage shift-and-store bus register	.60	.51
511-4095	DIP-14	Gated J-K master-slave flip-flop	.60	.51
511-4098	DIP-16	Dual monostable multivibrator	.56	.48
511-4099	DIP-16	8-bit addressable latch	.68	.58
511-4503	DIP-16	Hex buffer (3-state)(non-inverter)	.58	.49
511-4511	DIP-16	BCD-to-7 segment latch/decoder/driver	.78	.66
511-4512	DIP-16	8-channel data selector with 3-state output	.50	.43
511-4516	DIP-16	Presettable 4-bit binary up/down counter	.64	.54
511-4517	DIP-16	Dual 64-stage static shift register	1.58	1.34
511-4518	DIP-16	Dual BCD up counter	.58	.49
511-4520	DIP-16	Dual binary up counter	.58	.49
511-4532	DIP-16	8-input priority encoder	.56	.48
511-4536	DIP-16	Programmable timer	1.04	.88
511-4538	DIP-16	Dual precision monostable multivibrator	.70	.60
511-4541	DIP-16	Programmable timer	.64	.54
511-4555	DIP-16	Dual 1-of-4 decoder/demultiplexer (output high)	.58	.49
511-4556	DIP-16	Dual 1-of-4 decoder/demultiplexer (output low)	.58	.49
511-40103	DIP-16	Presettable 8-bit binary down counter	.94	.80
511-40106	DIP-14	Hex schmitt trigger	.44	.37
511-40107	DIP-8	Dual 2-input NAND buffer/driver	.44	.37
511-40109	DIP-16	Quad low-to-high voltage level shifter	2.98	2.53
511-40161	DIP-16	Binary counter/asynchronous clear	.74	.63
511-40174	DIP-16	Hex D-type flip-flop	.58	.49

Operational Amplifiers

STMicroelectronics


SO-8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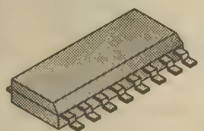
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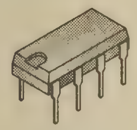
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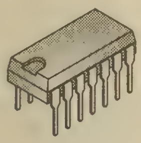
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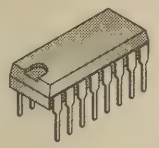
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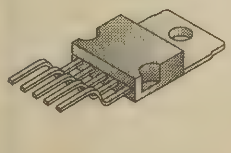
Pentawatt

GENERAL PURPOSE OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-LM201AD	SO-8	S	2.0	75 nA	1.00	0.50	± 22	3.00	-40 to +105	.84	.71
511-LM248D	SO-14	Q	5.0	100 nA	1.30	0.50	± 22	3.60	-40 to +105	.88	.75
511-LM301AD	SO-8	S	7.5	250 nA	1.00	0.50	± 22	3.00	0 to +70	.56	.48
511-LM348D	SO-14	Q	5.0	100 nA	1.30	0.50	± 22	3.60	0 to +70	.50	.43
511-MC1458D	SO-8	D	5.0	500 nA	1.00	0.80	± 22	5.00	0 to +70	.28	.24
511-MC1458ID	SO-8	D	5.0	500 nA	1.00	0.80	± 22	5.00	-40 to +105	.34	.29
511-TL081ACD	SO-8	S	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.74	.63
511-TL081CD	SO-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.40	.34
511-TL081ID	SO-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.50	.43
511-TL082ACD	SO-8	D	6.0	100 pA	4.00	16.00	± 18	2.50	0 to +70	.74	.63
511-TL082CD	SO-8	D	10.0	100 pA	4.00	16.00	± 18	2.50	0 to +70	.44	.37
511-TL082ID	SO-8	D	10.0	100 pA	4.00	16.00	± 18	2.50	-40 to +105	.54	.46
511-TL084ACD	SO-14	Q	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.96	.82
511-TL084CD	SO-14	Q	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.52	.44
511-TL084ID	SO-14	Q	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.64	.54
511-UA741CD	SO-8	S	5.0	100 nA	1.00	0.50	± 22	2.80	0 to +70	.30	.26
511-UA741ID	SO-8	S	5.0	100 nA	1.00	0.50	± 22	2.80	-40 to +105	.36	.31
Thru-Hole											
511-L165V	Pentawatt	S	10.0	1 uA	- - -	8.00	± 18	- - -	-40 to +150	1.38	1.17
511-LM201AN	DIP-8	S	2.0	75 nA	1.00	0.50	± 22	3.00	-40 to +105	.82	.70
511-LM248N	DIP-14	Q	5.0	100 nA	1.30	0.50	± 22	3.60	-40 to +105	.82	.70
511-LM301AN	DIP-8	S	7.5	250 nA	1.00	0.50	± 22	3.00	0 to +70	.56	.48
511-LM348N	DIP-14	Q	5.0	100 nA	1.30	0.50	± 22	3.60	0 to +70	.48	.41
511-MC1458IN	DIP-8	D	5.0	500 nA	1.00	0.80	± 22	5.00	-40 to +105	.32	.27
511-MC1458N	DIP-8	D	5.0	500 nA	1.00	0.80	± 22	5.00	0 to +70	.26	.22
511-TL081ACN	DIP-8	S	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.74	.63
511-TL081CN	DIP-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.40	.34
511-TL081IN	DIP-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.50	.43
511-TL082ACN	DIP-8	D	6.0	100 pA	4.00	16.00	± 18	2.50	0 to +70	.74	.63
511-TL082CN	DIP-8	D	10.0	100 pA	4.00	16.00	± 18	2.50	0 to +70	.44	.37
511-TL082IN	DIP-8	D	10.0	100 pA	4.00	16.00	± 18	2.50	-40 to +105	.54	.46
511-TL084ACN	DIP-14	Q	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.96	.82
511-TL084CN	DIP-14	Q	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.52	.44
511-TL084IN	DIP-14	Q	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.64	.54
511-UA741CN	DIP-8	S	5.0	100 nA	1.00	0.50	± 22	2.80	0 to +70	.30	.26
511-UA741IN	DIP-8	S	5.0	100 nA	1.00	0.50	± 22	2.80	-40 to +105	.36	.31

HIGH PERFORMANCE OPERATIONAL AMPLIFIERS

Surface Mount											
511-LF355D	SO-8	S	10.0	200 pA	2.50	5.00	± 18	4.00	0 to +70	.70	.60
511-LF356D	SO-8	S	10.0	200 pA	5.00	12.00	± 22	4.00	0 to +70	.70	.60
511-LF357D	SO-8	S	10.0	200 pA	20.00	50.00	± 22	10.00	0 to +70	.70	.60
511-LS204CD	SO-8	D	3.5	300 nA	2.50	1.00	± 18	1.50	0 to +70	.90	.77
511-LS204ID	SO-8	D	2.5	150 nA	3.00	1.50	± 18	1.20	-40 to +105	1.06	.90
511-LS404CD	SO-14	Q	5.0	300 nA	2.50	1.00	± 18	3.00	0 to +70	1.56	1.33
511-LS404ID	SO-14	Q	2.5	200 nA	3.00	1.50	± 18	2.00	-40 to +105	2.40	2.04
511-TSH24ID	SO-14	Q	2.5	650 nA	25.00	15.00	±18 or +36	2.75	-40 to +125	1.28	1.09
Thru-Hole											
511-LF355N	DIP-8	S	10.0	200 pA	2.50	5.00	± 18	4.00	0 to +70	.70	.60
511-LF356N	DIP-8	S	10.0	200 pA	5.00	12.00	± 22	4.00	0 to +70	.70	.60
511-LF357N	DIP-8	S	10.0	200 pA	20.00	50.00	± 22	10.00	0 to +70	.70	.60
511-LS204CN	DIP-8	D	3.5	300 nA	2.50	1.00	± 18	1.50	0 to +70	.90	.77
511-LS404CN	DIP-14	Q	5.0	300 nA	2.50	1.00	± 18	3.00	0 to +70	1.56	1.33
511-LS404IN	DIP-14	Q	2.5	200 nA	3.00	1.50	± 18	2.00	-40 to +105	.88	.75
511-TSH24IN	DIP-14	Q	2.5	650 nA	25.00	15.00	±18 or +36	2.75	-40 to +125	1.28	1.09

HIGH SPEED OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-TS272ACD	SO-8	D	5.0	150 pA	3.50	5.50	18	1.50	0 to +70	1.34	1.14
511-TS272AID	SO-8	D	5.0	150 pA	3.50	5.50	18	1.50	-40 to +125	1.62	1.38
511-TS272CD	SO-8	D	5.0	150 pA	3.50	5.50	18	1.50	0 to +70	.72	.61
511-TS272ID	SO-8	D	5.0	150 pA	3.50	5.50	18	1.50	-40 to +125	.92	.78
511-TS274ACD	SO-14	Q	5.0	150 pA	3.50	5.50	3 to 16	1.50	0 to +70	1.68	1.43
511-TS274AID	SO-14	Q	5.0	300 pA	3.50	5.50	3 to 16	1.50	-40 to +125	2.12	1.80
511-TS274CD	SO-14	Q	10.0	150 pA	3.50	5.50	3 to 16	1.50	0 to +70	.86	.73
511-TS274ID	SO-14	Q	10.0	300 pA	3.50	5.50	3 to 16	1.50	-40 to +125	1.10	.94
511-TS512ID	SO-8	D	2.5	150 nA	3.00	1.50	± 18	1.20	-40 to +125	.60	.51
511-TS514ID	SO-14	Q	2.5	150 nA	3.00	1.50	± 18	2.40	-40 to +125	.94	.80
511-TSH10ID	SO-8	S	10.0	30uA	140.00	150.00	± 7	40.00	-40 to +125	.90	.77
511-TSH11ID	SO-8	S	15.0	300 pA	120.00	150.00	± 7	40.00	-40 to +125	.98	.83
511-TSH22ID	SO-8	D	2.5	650 nA	25.00	15.00	±18 or +36	2.75	-40 to +125	1.10	.94
511-TSH31ID	SO-8	S	15.0	300 pA	250.00	300.00	± 7	40.00	-40 to +125	1.34	1.14
511-TSH93ID	SO-14	T	4.0	15 uA	150.00	110.00	14	6.00	-40 to +125	2.04	1.73
511-TSH94ID	SO-16	Q	3.0	15 uA	150.00	110.00	14	6.00	-40 to +125	2.54	2.16
511-TSH95ID	SO-16	Q	4.0	15 uA	150.00	110.00	14	6.00	-40 to +125	2.16	1.84
Thru-Hole											
511-TS272ACN	DIP-8	D	5.0	150 pA	3.50	5.50	18	1.50	0 to +70	1.34	1.14
511-TS272AIN	DIP-8	D	5.0	150 pA	3.50	5.50	18	1.50	-40 to +125	1.62	1.38
511-TS272CN	DIP-8	D	5.0	150 pA	3.50	5.50	18	1.50	0 to +70	.72	.61
511-TS272IN	DIP-8	D	5.0	150 pA	3.50	5.50	18	1.50	-40 to +125	.92	.78
511-TS274ACN	DIP-14	Q	5.0	150 pA	3.50	5.50	3 to 16	1.50	0 to +70	1.68	1.43
511-TS274AIN	DIP-14	Q	5.0	300 pA	3.50	5.50	3 to 16	1.50	-40 to +125	2.12	1.80
511-TS274CN	DIP-14	Q	10.0	150 pA	3.50	5.50	3 to 16	1.50	0 to +70	.86	.73
511-TS274IN	DIP-14	Q	10.0	300 pA	3.50	5.50	3 to 16	1.50	-40 to +125	1.10	.94
511-TS512IN	DIP-8	D	2.5	150 nA	3.00	1.50	± 18	1.20	-40 to +125	.60	.51
511-TS514IN	DIP-14	Q	2.5	150 nA	3.00	1.50	± 18	2.40	-40 to +125	.94	.80
511-TSH10IN	DIP-8	S	10.0	30 uA	140.00	150.00	± 7	40.00	-40 to +125	.90	.77
511-TSH11IN	DIP-8	S	15.0	300 pA	120.00	150.00	± 7	40.00	-40 to +125	.98	.83
511-TSH22IN	DIP-8	D	2.5	650 nA	25.00	15.00	±18 or +36	2.75	-40 to +125	1.10	.94
511-TSH31IN	DIP-8	S	15.0	300 pA	280.00	300.00	± 7	40.00	-40 to +125	1.34	1.14
511-TSH93IN	DIP-14	T	4.0	15 uA	150.00	110.00	14	6.00	-40 to +125	2.04	1.73
511-TSH94IN	DIP-16	Q	3.0	15 uA	150.00	110.00	14	6.00	-40 to +125	2.12	1.80
511-TSH95IN	DIP-16	Q	4.0	15 uA	150.00	110.00	14	6.00	-40 to +125	2.16	1.84

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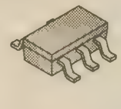
Operational Amplifiers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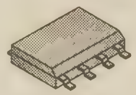
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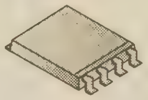
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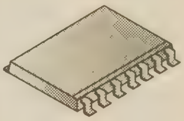
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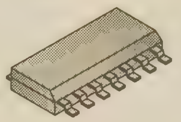
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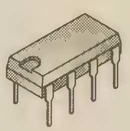
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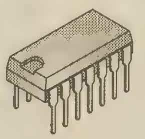
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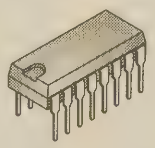

DIP-16

LOW NOISE OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-LM833D	SO-8	D	5.0	1000 nA	15.00	7.00	±18 or +36	8.00	-40 to +105	.50	.43
511-MC33078D	SO-8	D	2.0	750 nA	15.00	7.00	±18 or +36	5.00	-40 to +105	.64	.54
511-MC33079D	SO-14	Q	2.5	750 nA	15.00	7.00	±18 or +36	10.00	-40 to +105	.88	.75
511-TL071ACD	SO-8	S	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.70	.60
511-TL071CD	SO-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.40	.34
511-TL071ID	SO-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.50	.43
511-TL072ACD	SO-8	D	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.74	.63
511-TL072CD	SO-8	D	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.48	.41
511-TL072ID	SO-8	D	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.54	.46
511-TL074ACD	SO-14	Q	6.0	200 pA	3.00	13.00	± 18	2.50	0 to +70	.96	.82
511-TL074CD	SO-14	Q	10.0	200 pA	3.00	13.00	± 18	2.50	0 to +70	.52	.44
511-TL074ID	SO-14	Q	10.0	200 pA	3.00	13.00	± 18	2.50	-40 to +105	.64	.54
511-TS522ID	SO-8	D	0.85	750 nA	15.00	7.00	±18 or +36	5.00	-40 to +105	.68	.58
511-TS524ID	SO-14	Q	0.95	750 nA	15.00	7.00	±18 or +36	10.00	-40 to +105	.95	.81
Thru-Hole											
511-LM833N	DIP-8	D	5.0	1000 nA	15.00	7.00	±18 or +36	8.00	-40 to +105	.48	.41
511-MC33078N	DIP-8	D	2.0	750 nA	15.00	7.00	±18 or +36	5.00	-40 to +105	.64	.54
511-MC33079N	DIP-14	Q	2.5	750 nA	15.00	7.00	±18 or +36	10.00	-40 to +105	.88	.75
511-TL071ACN	DIP-8	S	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.70	.60
511-TL071CN	DIP-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.40	.34
511-TL071IN	DIP-8	S	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.50	.43
511-TL072ACN	DIP-8	D	6.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.74	.63
511-TL072CN	DIP-8	D	10.0	200 pA	4.00	16.00	± 18	2.50	0 to +70	.48	.41
511-TL072IN	DIP-8	D	10.0	200 pA	4.00	16.00	± 18	2.50	-40 to +105	.54	.46
511-TL074ACN	DIP-14	Q	6.0	200 pA	3.00	13.00	± 18	2.50	0 to +70	.96	.82
511-TL074CN	DIP-14	Q	10.0	200 pA	3.00	13.00	± 18	2.50	0 to +70	.52	.44
511-TL074IN	DIP-14	Q	10.0	200 pA	3.00	13.00	± 18	2.50	-40 to +105	.64	.54
511-TS522IN	DIP-8	D	0.85	750 nA	15.00	7.00	±18 or +36	5.00	-40 to +105	.68	.58
511-TS524IN	DIP-14	Q	0.95	750 nA	15.00	7.00	±18 or +36	10.00	-40 to +105	.95	.81

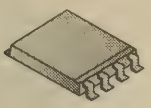
LOW POWER OPERATIONAL AMPLIFIERS

Additional product is available on next page.

Surface Mount											
511-LM224D	SO-14	Q	5.0	150 pA	1.30	0.40	±16 or 32	3.00	-40 to +105	.34	.29
511-LM258D	SO-8	D	5.0	150 nA	1.10	0.60	+ 32	2.00	-40 to +105	.32	.27
511-LM2902D	SO-14	Q	7.0	150 nA	1.30	0.40	±16 or 32	3.00	-40 to +125	.32	.27
511-LM2902P	TSSOP-14	Q	7.0	150 nA	1.30	0.40	±16 or 32	3.00	-40 to +125	.40	.34
511-LM2904D	SO-8	D	7.0	150 nA	1.10	0.60	+ 32	1.20	-40 to +125	.32	.27
511-LM2904P	TSSOP-8	D	7.0	150 nA	1.10	0.60	+ 32	1.20	-40 to +125	.36	.31
511-LM324AD	SO-14	Q	3.0	100 nA	1.30	0.40	±16 or 32	3.00	0 to +70	.38	.32
511-LM324D	SO-14	Q	7.0	150 pA	1.30	0.40	±16 or 32	3.00	0 to +70	.28	.24
511-LM358AD	SO-8	D	3.0	50 nA	1.10	0.60	+ 32	2.00	0 to +70	.38	.32
511-LM358D	SO-8	D	7.0	150 nA	1.10	0.60	+ 32	2.00	0 to +70	.26	.22
511-LM358P	TSSOP-8	D	7.0	150 nA	1.10	0.60	+ 32	2.00	0 to +70	.34	.29
511-MC3303D	SO-14	Q	5.0	500 nA	1.00	0.50	±18 or 36	7.00	-40 to +105	.64	.54
511-MC33171D	SO-8	S	4.5	100 nA	2.10	2.00	± 22	0.25	-40 to +105	.58	.49
511-MC33172D	SO-8	D	4.5	100 nA	2.10	2.00	± 22	0.25	-40 to +105	.84	.71
511-MC33174D	SO-14	Q	4.5	100 nA	2.10	2.00	± 22	0.25	-40 to +105	1.10	.94
511-MC3403D	SO-14	Q	5.0	500 nA	1.00	0.50	±18 or 36	7.00	0 to +70	.52	.44
511-MC3403P	TSSOP-14	Q	5.0	500 nA	1.00	0.50	±18 or 36	7.00	0 to +70	.38	.32
511-TL061ACD	SO-8	S	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.70	.60
511-TL061CD	SO-8	S	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.44	.37
511-TL061ID	SO-8	S	6.0	200 pA	1.00	3.50	± 18	250.00	-40 to +105	.54	.46
511-TL062ACD	SO-8	D	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.74	.63
511-TL062CD	SO-8	D	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.46	.39
511-TL062ID	SO-8	D	6.0	200 pA	1.00	3.50	± 18	250.00	-40 to +105	.58	.49
511-TL064ACD	SO-14	Q	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	1.02	.87
511-TL064CD	SO-14	Q	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.62	.53
511-TL064ID	SO-14	Q	6.0	200 pA	1.00	3.50	± 18	250.00	-40 to +105	.72	.61
511-TS27M2ACD	SO-8	D	5.0	150 pA	1.00	0.60	18	0.20	0 to +70	1.36	1.16
511-TS27M2ACP	TSSOP-8	D	5.0	150 pA	1.00	0.60	18	0.20	0 to +70	1.46	1.24
511-TS27M2AID	SO-8	D	5.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.68	1.43
511-TS27M2AIP	TSSOP-8	D	5.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.74	1.48
511-TS27M2CD	SO-8	D	10.0	150 pA	1.00	0.60	18	0.20	0 to +70	.72	.61
511-TS27M2CP	TSSOP-8	D	10.0	150 pA	1.00	0.60	18	0.20	0 to +70	.84	.71
511-TS27M2ID	SO-8	D	10.0	300 pA	1.00	0.60	18	0.20	-40 to +125	.92	.78
511-TS27M2IP	TSSOP-8	D	10.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.00	.85
511-TS27M4ACD	SO-14	Q	5.0	150 pA	1.00	0.60	18	0.20	0 to +70	1.70	1.45
511-TS27M4ACP	TSSOP-14	Q	5.0	150 pA	1.00	0.60	18	0.20	0 to +70	1.90	1.62
511-TS27M4AID	SO-14	Q	5.0	300 pA	1.00	0.60	18	0.20	-40 to +125	2.12	1.80
511-TS27M4AIP	TSSOP-14	Q	5.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.96	1.67
511-TS27M4CD	SO-14	Q	10.0	150 pA	1.00	0.60	18	0.20	0 to +70	.90	.77
511-TS27M4CP	TSSOP-14	Q	10.0	150 pA	1.00	0.60	18	0.20	0 to +70	1.06	.90
511-TS27M4ID	SO-14	Q	10.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.10	.94
511-TS27M4IP	TSSOP-14	Q	10.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.22	1.04
511-TS321AID	SO-8	S	2.0	150 nA	0.80	0.40	±16 or 32	0.60	-40 to +125	.46	.39
511-TS321AIL	SOT-23-5	S	2.0	150 nA	0.80	0.40	±16 or 32	0.60	-40 to +125	.52	.44
511-TS321ID	SO-8	S	4.0	150 nA	0.80	0.40	±16 or 32	0.60	-40 to +125	.34	.29
511-TS321IL	SOT-23-5	S	4.0	150 nA	0.80	0.40	±16 or 32	0.60	-40 to +125	.38	.32
Thru-Hole											
511-L272	DIP-16	D	60.0	2.5 uA	0.35	1.00	28	- - -	-40 to +85	1.70	1.45
511-LM224N	DIP-14	Q	5.0	150 pA	1.30	0.40	±16 or 32	3.00	-40 to +105	.32	.27
511-LM258N	DIP-8	D	5.0	150 nA	1.10	0.60	+ 32	2.00	-40 to +105	.30	.26
511-LM2902N	DIP-14	Q	7.0	150 nA	1.30	0.40	±16 or 32	3.00	-40 to +125	.30	.26
511-LM2904N	DIP-8	D	7.0	150 nA	1.10	0.60	+ 32	1.20	-40 to +125	.30	.26
511-LM324AN	DIP-14	Q	3.0	100 nA	1.30	0.40	±16 or 32	3.00	0 to +70	.34	.29
511-LM324N	DIP-14	Q	7.0	150 pA	1.30	0.40	±16 or 32	3.00	0 to +70	.26	.22
511-LM358AN	DIP-8	D	3.0	50 nA	1.10	0.60	+ 32	2.00	0 to +70	.38	.32
511-LM358N	DIP-8	D	7.0	150 nA	1.10	0.60	+ 32	2.00	0 to +70	.26	.22
511-MC3303N	DIP-14	Q	5.0	500 nA	1.00	0.50	±18 or 36	7.00	-40 to +105	.64	.54
511-MC33171N	DIP-8	S	4.5	100 nA	2.10	2.00	± 22	0.25	-40 to +105	.58	.49
511-MC33172N	DIP-8	D	4.5	100 nA	2.10	2.00	± 22	0.25	-40 to +105	.84	.71
511-MC33174N	DIP-14	Q	4.5	100 nA	2.10	2.00	± 22	0.25	-40 to +105	1.10	.94
511-MC3403N	DIP-14	Q	5.0	500 nA	1.00	0.50	±18 or 36	7.00	0 to +70	.52	.44
511-TL061ACN	DIP-8	S	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.70	.60
511-TL061CN	DIP-8	S	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.44	.37
511-TL061IN	DIP-8	S	6.0	200 pA	1.00	3.50	± 18	250.00	-40 to +105	.54	.46

STMicroelectronics

Operational Amplifiers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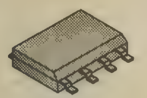
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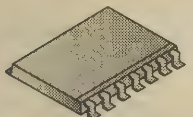
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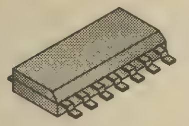
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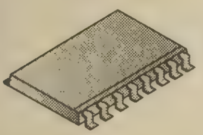
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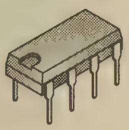
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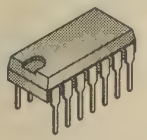
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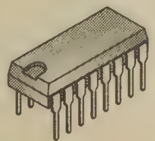
DIP-16

LOW POWER OPERATIONAL AMPLIFIERS

Additional product is available on previous page.

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Thru-Hole											
511-TL062ACN	DIP-8	D	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.74	.63
511-TL062CN	DIP-8	D	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.46	.39
511-TL062IN	DIP-8	D	6.0	200 pA	1.00	3.50	± 18	250.00	-40 to +105	.58	.49
511-TL064ACN	DIP-14	Q	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	1.02	.87
511-TL064CN	DIP-14	Q	15.0	400 pA	1.00	3.50	± 18	250.00	0 to +70	.62	.53
511-TL064IN	DIP-14	Q	6.0	200 pA	1.00	3.50	± 18	250.00	-40 to +105	.72	.61
511-TS27M2ACN	DIP-8	D	5.0	150 pA	1.00	0.60	18	0.20	0 to +70	1.34	1.14
511-TS27M2AIN	DIP-8	D	5.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.68	1.43
511-TS27M2CN	DIP-8	D	10.0	150 pA	1.00	0.60	18	0.20	0 to +70	.72	.61
511-TS27M2IN	DIP-8	D	10.0	300 pA	1.00	0.60	18	0.20	-40 to +125	.92	.78
511-TS27M4ACN	DIP-14	Q	5.0	150 pA	1.00	0.60	18	0.20	0 to +70	1.70	1.45
511-TS27M4AIN	DIP-14	Q	5.0	300 pA	1.00	0.60	18	0.20	-40 to +125	2.12	1.80
511-TS27M4CN	DIP-14	Q	10.0	150 pA	1.00	0.60	18	0.20	0 to +70	.90	.77
511-TS27M4IN	DIP-14	Q	10.0	300 pA	1.00	0.60	18	0.20	-40 to +125	1.10	.94

PRECISION OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-UA748CD	SO-8	S	7.5	50 nA	1	0.5	± 22	3	0 to +70	.48	.41
511-UA748ID	SO-8	S	2	10 nA	1	0.5	± 22	3	-40 to +105	.58	.49
Thru-Hole											
511-OP07CN	DIP-8	S	0.15	7 nA	0.5	0.17	± 22	5	-40 to +105	.76	.64
511-TEB1033N	DIP-8	D	1	100 nA	2	1	± 18	1.5	0 to +70	.94	.80
511-UA748CN	DIP-8	S	7.5	50 nA	1	0.5	± 22	3	0 to +70	.48	.41
511-UA748IN	DIP-8	S	2	10 nA	1	0.5	± 22	3	-40 to +105	.58	.49

PROGRAMMABLE OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-LM246D	SO-16	Q	5	250 nA	1	0.5	± 22	2	-40 to +105	1.70	1.45
511-LM346D	SO-16	Q	5	250 nA	1	0.5	± 22	2	0 to +70	1.24	1.05
511-TS271ACD	SO-8	S	5	150 pA	0.1	0.04	18	0.15	0 to +70	.80	.68
511-TS271AID	SO-8	S	5	300 pA	0.1	0.04	18	0.15	-40 to +125	.94	.80
511-TS271CD	SO-8	S	10	150 pA	0.1	0.04	18	0.15	0 to +70	.50	.43
511-TS271ID	SO-8	S	10	300 pA	0.1	0.04	18	0.15	-40 to +125	.64	.54
511-UA776CD	SO-8	S	5	50 nA	0.7	0.8	± 18	0.18	0 to +70	.66	.56
Thru-Hole											
511-LM246N	DIP-16	Q	5	250 nA	1	0.5	± 22	2	-40 to +105	1.60	1.36
511-LM346N	DIP-16	Q	5	250 nA	1	0.5	± 22	2	0 to +70	1.24	1.05
511-TS271ACN	DIP-8	S	5	150 pA	0.1	0.04	18	0.15	0 to +70	.80	.68
511-TS271AIN	DIP-8	S	5	300 pA	0.1	0.04	18	0.15	-40 to +125	.94	.80
511-TS271CN	DIP-8	S	10	150 pA	0.1	0.04	18	0.15	0 to +70	.50	.43
511-TS271IN	DIP-8	S	10	300 pA	0.1	0.04	18	0.15	-40 to +125	.64	.54
511-UA776CN	DIP-8	S	5	50 nA	0.7	0.8	± 18	0.18	0 to +70	.66	.56

RAIL-TO-RAIL FULL CMOS OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-TS3V902ID	SO-14	D	10	150 pA	0.7	0.5	18	0.3	-40 to +125	1.00	.85
511-TS3V904ID	SO-16	Q	10	150 pA	0.8	+0.8/-0.5	18	0.35	-40 to +125	1.36	1.16
511-TS3V914ID	SO-14	Q	10	150 pA	0.9	+0.8/-0.5	18	0.35	-40 to +125	1.42	1.21
511-TS902ID	SO-14	D	10	150 pA	0.7	0.5	18	0.3	-40 to +125	1.28	1.09
511-TS904ID	SO-16	Q	10	150 pA	0.8	+0.8/-0.5	18	0.35	-40 to +125	1.54	1.31
511-TS912BID	SO-8	D	2	100 pA	1	0.8	18	0.35	-40 to +125	1.46	1.24
511-TS912ID	SO-8	D	10	100 pA	1	0.8	18	0.35	-40 to +125	1.06	.90
511-TS914ID	SO-14	Q	10	150 pA	0.9	+0.8/-0.5	18	0.35	-40 to +125	1.44	1.22
Thru-Hole											
511-TS3V912IN	DIP-8	D	10	100 pA	1	0.8	18	0.35	-40 to +125	.94	.80
511-TS3V914IN	DIP-14	Q	10	150 pA	0.9	+0.8/-0.5	18	0.35	-40 to +125	1.42	1.21
511-TS902IN	DIP-14	D	10	150 pA	0.7	0.5	18	0.3	-40 to +125	1.28	1.09
511-TS904IN	DIP-16	Q	10	100 pA	1	+0.8/-0.5	18	0.35	-40 to +125	1.54	1.31
511-TS912IN	DIP-8	D	10	100 pA	1	0.8	18	0.35	-40 to +125	1.06	.90
511-TS914IN	DIP-14	Q	10	150 pA	0.9	+0.8/-0.5	18	0.35	-40 to +125	1.44	1.22

RAIL-TO-RAIL HIGH OUTPUT CURRENT OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-TS921ID	SO-8	S	3	100 nA	4	1.3	12	1.5	-40 to +125	.82	.70
511-TS922AID	SO-8	D	0.9	100 nA	4	1.3	14	3	-40 to +125	1.18	1.00
511-TS922AIP	TSSOP-8	D	0.9	100 nA	4	1.3	14	3	-40 to +125	1.28	1.09
511-TS922ID	SO-8	D	3	100 nA	4	1.3	14	3	-40 to +125	1.18	1.00
511-TS922IP	TSSOP-8	D	3	100 nA	4	1.3	14	3	-40 to +125	1.02	.87
511-TS924AID	SO-14	Q	0.9	100 nA	4	1.3	14	7	-40 to +125	1.86	1.58
511-TS924AIP	TSSOP-14	Q	0.9	100 nA	4	1.3	14	7	-40 to +125	1.96	1.67
511-TS924ID	SO-14	Q	3	100 nA	4	1.3	14	7	-40 to +125	1.54	1.31
511-TS924IP	TSSOP-14	Q	3	100 nA	4	1.3	14	7	-40 to +125	1.66	1.41
511-TS925AID	SO-16	Q	0.9	100 nA	4	1.3	14	8	-40 to +125	1.60	1.36
511-TS925AIP	TSSOP-16	Q	0.9	100 nA	4	1.3	14	8	-40 to +125	1.98	1.68
511-TS925ID	SO-16	Q	3	100 nA	4	1.3	14	8	-40 to +125	1.60	1.36
511-TS925IP	TSSOP-16	Q	3	100 nA	4	1.3	14	8	-40 to +125	1.78	1.51
Thru-Hole											
511-TS921IN	DIP-8	S	3	100 nA	4	1.3	12	1.5	-40 to +125	.82	.70
511-TS922AIN	DIP-8	D	0.9	100 nA	4	1.3	14	3	-40 to +125	1.18	1.00
511-TS922IN	DIP-8	D	3	100 nA	4	1.3	14	3	-40 to +125	1.18	1.00
511-TS924AIN	DIP-14	Q	0.9	100 nA	4	1.3	14	7	-40 to +125	1.86	1.58
511-TS924IN	DIP-14	Q	3	100 nA	4	1.3	14	7	-40 to +125	1.54	1.31
511-TS925AIN	DIP-16	Q	0.9	100 nA	4	1.3	14	8	-40 to +125	1.60	1.36
511-TS925IN	DIP-16	Q	3	100 nA	4	1.3	14	8	-40 to +125	1.60	1.36

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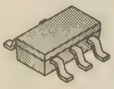
Operational Amplifiers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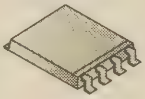
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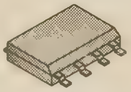
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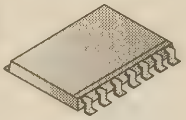
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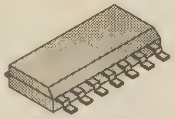
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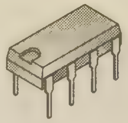
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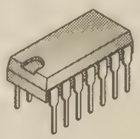
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RAIL-TO-RAIL LOW POWER OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-TS461CD	SO-8	S	5	750 nA	10	4	12	2.8	-20 to +70	**.24**	**.20**
511-TS461CL	SOT-23-5	S	5	750 nA	10	4	12	2.8	-20 to +70	**.24**	**.20**
511-TS462CD	SO-8	D	5	750 nA	10	4	12	2.8	-20 to +70	**.42**	**.36**
511-TS462CP	TSSOP-8	D	5	750 nA	10	4	12	2.8	-20 to +70	**.50**	**.43**
511-TS464CD	SO-14	Q	5	750 nA	10	4	12	2.8	-20 to +70	**.44**	**.37**
511-TS464CP	TSSOP-14	Q	5	750 nA	10	4	12	2.8	-20 to +70	**.48**	**.41**
511-TS951ID	SO-8	S	6	100 nA	3	1	12	1.3	-40 to +125	**.72**	**.61**
511-TS951IL	SOT-23-5	S	6	100 nA	3	1	12	1.3	-40 to +125	**.72**	**.61**
511-TS952ID	SO-8	D	6	100 nA	3	1	12	1.3	-40 to +125	**.62**	**.53**
511-TS952IP	TSSOP-8	D	6	100 nA	3	1	12	1.3	-40 to +125	**.62**	**.53**
511-TS954ID	SO-14	Q	6	100 nA	3	1	12	1.3	-40 to +125	**.78**	**.66**
511-TS954IP	TSSOP-14	Q	6	100 nA	3	1	12	1.3	-40 to +125	**.78**	**.66**
Thru-Hole											
511-TS462CN	DIP-8	D	5	750 nA	10	4	12	2.8	-20 to +70	**.42**	**.36**
511-TS464CN	DIP-14	Q	5	750 nA	10	4	12	2.8	-20 to +70	**.44**	**.37**
511-TS952IN	DIP-8	D	6	100 nA	3	1	12	1.3	-40 to +125	**.62**	**.53**
511-TS954IN	DIP-14	Q	6	100 nA	3	1	12	1.3	-40 to +125	**.78**	**.66**

RAIL-TO-RAIL ULTRA-MICROPOWER OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-TS942AID	SO-8	D	5	150 pA	10	4	12	2	-40 to +85	**1.58**	**1.34**
511-TS942AIP	TSSOP-8	D	5	150 pA	10	4	12	2	-40 to +85	**1.14**	**.97**
511-TS942BID	SO-8	D	2	150 pA	10	4	12	2	-40 to +85	**1.24**	**1.05**
511-TS942BIP	TSSOP-8	D	2	150 pA	10	4	12	2	-40 to +85	**1.24**	**1.05**
511-TS942ID	SO-8	D	10	150 pA	10	4	12	2	-40 to +85	**1.58**	**1.34**
511-TS942IP	TSSOP-8	D	10	150 pA	10	4	12	2	-40 to +85	**.94**	**.80**
Thru-Hole											
511-TS942AIN	DIP-8	D	5	150 pA	10	4	12	2	-40 to +85	**1.58**	**1.34**
511-TS942BIN	DIP-8	D	2	150 pA	10	4	12	2	-40 to +85	**1.24**	**1.05**
511-TS942IN	DIP-8	D	10	150 pA	10	4	12	2	-40 to +85	**1.58**	**1.34**

VERY LOW POWER OPERATIONAL AMPLIFIERS

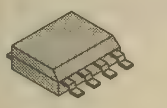
MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-TS27L2ACD	SO-8	D	5	150 nA	0.1	0.04	18	15	0 to +70	**1.36**	**1.16**
511-TS27L2ACP	TSSOP-8	D	5	150 nA	0.1	0.04	18	15	0 to +70	**1.46**	**1.24**
511-TS27L2AID	SO-8	D	5	300 nA	0.1	0.04	18	15	-40 to +125	**1.60**	**1.36**
511-TS27L2AIP	TSSOP-8	D	5	300 nA	0.1	0.04	18	15	-40 to +125	**1.70**	**1.45**
511-TS27L2BID	SO-8	D	2	300 nA	0.1	0.04	18	15	-40 to +125	**1.70**	**1.45**
511-TS27L2BIP	TSSOP-8	D	2	300 nA	0.1	0.04	18	15	-40 to +125	**1.70**	**1.45**
511-TS27L2CD	SO-8	D	10	150 nA	0.1	0.04	18	15	0 to +70	**.72**	**.61**
511-TS27L2CP	TSSOP-8	D	10	150 nA	0.1	0.04	18	15	0 to +70	**.84**	**.71**
511-TS27L2ID	SO-8	D	10	300 nA	0.1	0.04	18	15	-40 to +125	**.92**	**.78**
511-TS27L2IP	TSSOP-8	D	10	300 nA	0.1	0.04	18	15	-40 to +125	**.98**	**.83**
511-TS27L4ACD	SO-14	Q	5	150 nA	0.1	0.04	18	15	0 to +70	**.92**	**.78**
511-TS27L4ACP	TSSOP-14	Q	5	150 nA	0.1	0.04	18	15	0 to +70	**1.84**	**1.56**
511-TS27L4AID	SO-14	Q	5	300 nA	0.1	0.04	18	15	-40 to +125	**1.60**	**1.36**
511-TS27L4AIP	TSSOP-14	Q	5	300 nA	0.1	0.04	18	15	-40 to +125	**1.90**	**1.62**
511-TS27L4CD	SO-14	Q	10	150 nA	0.1	0.04	18	15	0 to +70	**.90**	**.77**
511-TS27L4CP	TSSOP-14	Q	10	150 nA	0.1	0.04	18	15	0 to +70	**1.02**	**.87**
511-TS27L4ID	SO-14	Q	10	300 nA	0.1	0.04	18	15	-40 to +125	**1.12**	**.95**
511-TS27L4IP	TSSOP-14	Q	10	300 nA	0.1	0.04	18	15	-40 to +125	**1.24**	**1.05**
Thru-Hole											
511-TS27L2ACN	DIP-8	D	5	150 nA	0.1	0.04	18	15	0 to +70	**1.38**	**1.17**
511-TS27L2AIN	DIP-8	D	5	300 nA	0.1	0.04	18	15	-40 to +125	**1.60**	**1.36**
511-TS27L2CN	DIP-8	D	10	150 nA	0.1	0.04	18	15	0 to +70	**.72**	**.61**
511-TS27L4ACN	DIP-14	Q	5	150 nA	0.1	0.04	18	15	0 to +70	**.92**	**.78**
511-TS27L4AIN	DIP-14	Q	5	300 nA	0.1	0.04	18	15	-40 to +125	**1.60**	**1.36**
511-TS27L4CN	DIP-14	Q	10	150 nA	0.1	0.04	18	15	0 to +70	**.90**	**.77**

WIDEBAND WIDTH OPERATIONAL AMPLIFIERS

MOUSER STOCK NO.	Package Type	Single, Dual, Quad, Triple	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each	
										1	100
Surface Mount											
511-LF347D	SO-14	Q	10	200 pA	4	16	+/- 18	2.7	0 to +70	**.58**	**.49**
511-LF351D	SO-8	S	10	200 pA	4	16	+/- 18	3.4	0 to +70	**.46**	**.39**
511-LF353D	SO-8	D	10	200 pA	4	16	+/- 18	3.2	0 to +70	**.48**	**.41**
511-MC4558CD	SO-8	D	5	400 nA	5.5	2.2	+/- 22	4.5	0 to +70	**.38**	**.32**
511-MC4558CP	TSSOP-8	D	5	400 nA	5.5	2.2	+/- 22	4.5	0 to +70	**.38**	**.32**
511-TSH150ID	SO-8	S	5	30 uA	150	190	+/- 7	30	-40 to +125	**3.76**	**3.20**
511-TSH151ID	SO-8	S	10	300 pA	150	200	+/- 7	30	-40 to +125	**3.98**	**3.38**
511-TSH321AID	SO-8	S	10	300 pA	300	400	+/- 7	30	-40 to +125	**.46**	**.39**
511-TSH321ID	SO-8	S	10	300 pA	300	400	+/- 7	30	-40 to +125	**4.00**	**3.40**
Thru-Hole											
511-LF347N	DIP-14	Q	10	200 pA	4	16	+/- 18	2.7	0 to +70	**.56**	**.48**
511-LF351N	DIP-8	S	10	200 pA	4	16	+/- 18	3.4	0 to +70	**.44**	**.37**
511-LF353N	DIP-8	D	10	200 pA	4	16	+/- 18	3.2	0 to +70	**.48**	**.41**
511-MC4558CN	DIP-8	D	5	400 nA	5.5	2.2	+/- 22	4.5	0 to +70	**.38**	**.32**
511-TSH150IN	DIP-8	S	5	30 uA	150	190	+/- 7	30	-40 to +125	**3.76**	**3.20**
511-TSH151IN	DIP-8	S	10	300 pA	150	200	+/- 7	30	-40 to +125	**3.98**	**3.38**
511-TSH321IN	DIP-8	S	10	300 pA	300	400	+/- 7	30	-40 to +125	**4.00**	**3.40**

STMicroelectronics

Power Management IC's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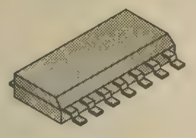
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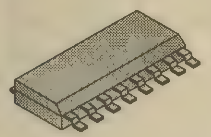
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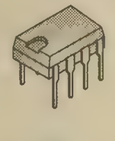
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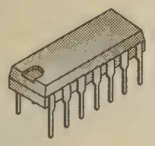
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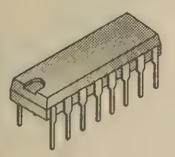
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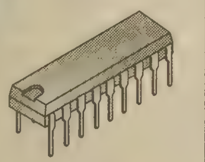
Powerdip-8 + 8
Powerdip-12+2+2


DIP-18

DARLINGTON ARRAYS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package Type	Description	Output Voltage (V)	Output Leakage Current		Temperature Range (C°)	VCE (SAT)		Price Each	
				Max (uA)	VCE (V)		Max (V)	@IC (A)	1	100
Surface Mount										
511-ULN2001D1	SO-16	Seven NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.40	.34
511-ULN2003D1	SO-16	Seven NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.40	.34
511-ULN2004D1	SO-16	Seven NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.40	.34
Thru Hole										
511-L603C	DIP-18	Eight NPN darlington pairs	90	10	90	-20 to +150	2	0.3	1.56	1.33
511-L702B	PWRDIP-8+8	Four NPN darlington pairs	90	50	90	-20 to +150	1.9	1.25	2.64	2.24
511-ULN2001A	DIP-16	Seven NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.40	.34
511-ULN2002A	DIP-16	Seven NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.40	.34
511-ULN2003A	DIP-16	Seven NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.40	.34
511-ULN2004A	DIP-16	Seven NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.40	.34
511-ULN2064B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	1.20	1.02
511-ULN2065B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	1.20	1.02
511-ULN2066B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	1.20	1.02
511-ULN2067B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	1.20	1.02
511-ULN2068B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	1.20	1.02
511-ULN2069B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	1.20	1.02
511-ULN2071B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	1.20	1.02
511-ULN2074B	PWRDIP-12+2+2	Four NPN darlington switches	50	100	50	-20 to +85	1.4	1.25	1.20	1.02
511-ULN2075B	PWRDIP-12+2+2	Four NPN darlington switches	80	100	80	-20 to +85	1.5	1.5	1.20	1.02
511-ULN2801A	DIP-18	Eight NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.50	.43
511-ULN2802A	DIP-18	Eight NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.50	.43
511-ULN2803A	DIP-18	Eight NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.50	.43
511-ULN2804A	DIP-18	Eight NPN darlington pairs	50	500	50	-20 to +85	1.6	0.35	.50	.43
511-ULN2805A	DIP-18	Eight NPN darlington pairs	50	50	50	-20 to +85	1.6	0.35	.50	.43
511-CA3046	DIP-14	Five NPN darlington pairs	20	- - - -	- - - -	-40 to +85	0.23	0.01	.98	.83

TIMERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package Type	Description	Supply Voltage (V)	Supply Current Max.(mA)	Output Current Max(mA)	Output Frequency Max	Price Each	
							1	100
Surface Mount								
511-NE555D	SO-8	Single general purpose	+4.5 to +18	15	200	>500kHz	.28	.24
511-TS555CD	SO-8	Single CMOS low power	+2 to +16	.400	50	2.7MHz	.40	.34
511-TS555ID	SO-8	Single CMOS low power	+2 to +16	.400	50	2.7MHz	.50	.43
511-TS3V555ID	SO-8	Single low power	+2.7 to +16	.250	8	2.7MHz	.40	.34
511-NE556D	SO-14	Dual general purpose	+4.5 to +18	30	200	>500kHz	.36	.31
511-TS556CD	SO-14	Dual CMOS low power	+2 to +16	.800	50	2.7MHz	.54	.46
511-TS556ID	SO-14	Dual CMOS low power	+2 to +16	.800	50	2.7MHz	.64	.54
511-TS3V556ID	SO-14	Dual CMOS low power	+2.7 to +16	.250	8	2.7MHz	.50	.43
Thru Hole								
511-NE555N	DIP-8	Single general purpose	+4.5 to +18	15	200	>500kHz	.36	.31
511-TS555CN	DIP-8	Single CMOS low power	+2 to +16	.400	50	2.7MHz	.40	.34
511-TS555IN	DIP-8	Single CMOS low power	+2 to +16	.400	50	2.7MHz	.50	.43
511-TS3V555IN	DIP-8	Single low power	+2.7 to +16	.250	8	2.7MHz	.40	.34
511-NE556	DIP-14	Dual general purpose	+4.5 to +18	30	200	>500kHz	.36	.31
511-TS556CN	DIP-14	Dual CMOS low power	+2 to +16	.800	50	2.7MHz	.54	.46
511-TS556IN	DIP-14	Dual CMOS low power	+2 to +16	.800	50	2.7MHz	.64	.54
511-TS3V556IN	DIP-14	Dual CMOS low power	+2.7 to +16	.250	8	2.7MHz	.50	.43

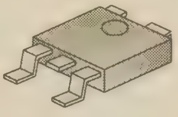
VOLTAGE COMPARATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package Type	Single Dual Quad	Input Offset Voltage Max (mV)	Input Bias Current Max(nA)	Response Time Typ (ns)	Supply Currents		Operating Temperature Range (C°)	Price Each	
						Positive Typ/Max (mA)	Negative Typ/Max (mA)		1	100
Surface Mount										
511-LM211D	SO-8	Single	3	100	200	5.1/6.0	4.1/5.0	- 40 to + 105	.34	.29
511-LM219D	SO-14	Dual	4	500	80	8.0/11.5	3.0/4.5	- 40 to + 105	1.04	.88
511-LM239D	SO-14	Quad	5	250	1300	1.3/2.5	——/——	- 40 to + 105	.34	.29
511-LM293D	SO-8	Dual	5	250	1300	0.4/1.0	——/——	- 40 to + 105	.32	.27
511-LM311D	SO-8	Single	7.5	250	200	5.1/7.5	4.1/5.0	- 65 to +150	.26	.22
511-LM319D	SO-14	Dual	8	1000	80	8.0/12.5	3.0/5.0	0 to + 70	.78	.66
511-LM339AD	SO-14	Quad	2	100	1300	1.3/2.5	——/——	0 to + 70	.40	.34
511-LM339D	SO-14	Quad	5	250	1300	1.3/2.5	——/——	0 to + 70	.26	.22
511-TS339CD	SO-14	Quad	5	0.6	1500	0.036/0.08	——/——	0 to + 70	.86	.73
511-TS339ID	SO-14	Quad	5	0.6	1500	0.036/0.08	——/——	- 40 to + 125	1.02	.87
511-TS3V339ID	SO-14	Quad	5	0.6	1500	0.009/0.02	——/——	- 40 to + 125	.64	.54
511-TS372CD	SO-8	Dual	10	0.15	600	0.3/0.75	——/——	0 to + 70	.56	.48
511-TS372ID	SO-8	Dual	10	0.15	600	0.3/0.75	——/——	- 40 to + 125	.70	.60
511-TS374CD	SO-14	Quad	10	0.15	600	0.6/1.0	——/——	0 to + 70	.78	.66
511-TS374ID	SO-14	Quad	10	0.3	600	0.6/1.0	——/——	- 40 to + 125	1.02	.87
511-LM393D	SO-8	Dual	5	250	1300	0.4/1.0	——/——	0 to + 70	.26	.22
511-TS393CD	SO-8	Dual	5	0.6	0.15	0.02/0.04	——/——	0 to + 70	.58	.49
511-TS393ID	SO-8	Dual	5	0.6	0.15	0.02/0.04	——/——	- 40 to + 125	.74	.63
511-LM2901D	SO-14	Quad	7	250	1300	1.1/2.0	——/——	- 40 to + 125	.32	.27
511-LM2903D	SO-8	Dual	7	250	1300	0.4/1.0	——/——	- 40 to + 125	.32	.27
511-TS3702CD	SO-8	Dual	5	0.6	0.15	0.018/.04	——/——	0 to + 70	.58	.49
511-TS3702ID	SO-8	Dual	5	0.6	0.15	0.018/.04	——/——	- 40 to + 125	.74	.63
511-TS3704CD	SO-14	Quad	5	0.6	0.12	0.036/.08	——/——	0 to + 70	.86	.73
Thru Hole										
511-LM211N	DIP-8	Single	3	100	200	5.1/6.0	4.1/5.0	- 40 to + 105	.32	.27
511-LM239N	DIP-14	Quad	5	250	1300	1.3/2.5	——/——	- 40 to + 105	.32	.27
511-LM293N	DIP-8	Dual	5	250	1300	0.4/1.0	——/——	- 40 to + 105	.30	.26
511-LM311N	DIP-8	Single	7.5	250	200	5.1/7.5	4.1/5.0	- 65 to +150	.24	.20
511-LM319N	DIP-14	Dual	8	1000	80	8.0/12.5	3.0/5.0	0 to + 70	.78	.66
511-LM339AN	DIP-14	Quad	2	100	1300	1.3/2.5	——/——	0 to + 70	.38	.32
511-LM339N	DIP-14	Quad	5	250	1300	1.3/2.5	——/——	0 to + 70	.24	.20
511-TS339CN	DIP-14	Quad	5	0.6	1500	0.036/0.08	——/——	0 to + 70	.86	.73
511-TS339IN	DIP-14	Quad	5	0.6	1500	0.036/0.08	——/——	- 40 to + 125	1.02	.87
511-TS372CN	DIP-8	Dual	10	0.15	600	0.3/0.75	——/——	0 to + 70	.56	.48
511-TS372IN	DIP-8	Dual	10	0.3	600	0.3/0.75	——/——	- 40 to + 125	.70	.60
511-TS374CN	DIP-14	Quad	10	0.15	600	0.6/1.0	——/——	0 to + 70	.78	.66
511-LM393N	DIP-8	Dual	5	250	1300	0.4/1.0	——/——	0 to + 70	.24	.20
511-TS393CN	DIP-8	Dual	5	0.6	0.15	0.02/0.04	——/——	0 to + 70	.58	.49
511-TS393IN	DIP-8	Dual	5	0.6	0.15	0.02/0.04	——/——	- 40 to + 125	.74	.63
511-LM2901N	DIP-14	Quad	7	250	1300	1.1/2.0	——/——	- 40 to + 125	.30	.26
511-LM2903N	DIP-8	Dual	7	250	1300	0.4/1.0	——/——	- 40 to + 125	.30	.26
511-TS3702CN	DIP-8	Dual	5	0.6	0.15	0.018/.04	——/——	0 to + 70	.58	.49
511-TS3702IN	DIP-8	Dual	5	0.6	0.15	0.018/.04	——/——	- 40 to + 125	.74	.63
511-TS3704CN	DIP-14	Quad	5	0.6	0.12	0.036/.08	——/——	0 to + 70	.86	.73

Voltage Regulators

STMicroelectronics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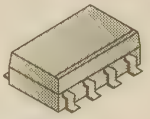
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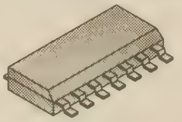
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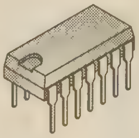
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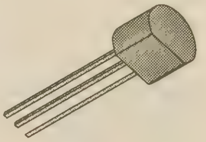
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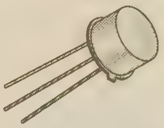
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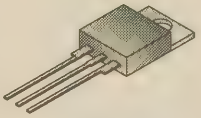
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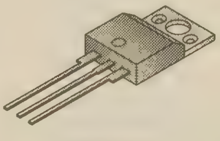
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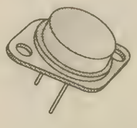

TO-3

NEGATIVE ADJUSTABLE VOLTAGE REGULATORS

MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Input-Output Volt. Diff. (Max)(V)	Line Regulation %/V (Max)	Load Regulation %/V (Max)	Temp. Range (°C)	Price Each	
								1	100
Surface Mount									
511-LM723CD	SO-14	2-37	0.15	- - - - - - - - -	0.5	0.6	0 to +70	.38	.32
Thru Hole									
511-LM723CN	DIP-14	2-37	0.15	- - - - - - - - -	0.5	0.6	0 to +70	.32	.27
511-LM337H	TO-39	1.2-37	0.5	40	0.04	1.0	0 to +125	2.94	2.50
511-LM337K	TO-3	1.2-37	1.5	40	0.04	1.0	0 to +125	3.62	3.08
511-LM337SP	TO-220	1.2-37	1.5	40	0.04	1.0	0 to +125	.96	.82

POSITIVE ADJUSTABLE VOLTAGE REGULATORS

MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Input-Output Volt. Diff. (Max)(V)	Line Regulation %/V (Max)	Load Regulation %/V (Max)	Temp. Range (°C)	Price Each	
								1	100
Surface Mount									
511-LM317LD	SO-8	1.2-37	0.1	40	0.04	0.5	0 to +125	.34	.29
511-LM217LD	SO-8	1.2-37	0.1	40	0.02	0.3	-25 to +150	.36	.31
511-LM723CD	SO-14	2-37	0.15	- - - - - - - - -	0.5	0.6	0 to +70	.38	.32
511-LM317MDT	TO-252	1.2-37	0.5	40	0.04	0.5	0 to +125	.64	.54
Thru Hole									
511-LM317LZ	TO-92	1.2-37	0.1	40	0.04	0.5	0 to +125	.28	.24
511-LM217LZ	TO-92	1.2-37	0.1	40	0.02	0.3	-25 to +150	.38	.32
511-LM723CN	DIP-14	2-37	0.15	- - - - - - - - -	0.5	0.6	0 to +70	.32	.27
511-LM317K	TO-3	1.2-37	1.5	40	0.04	0.5	0 to +125	1.68	1.43
511-LM317T	TO-220	1.2-37	1.5	40	0.04	0.5	0 to +125	.56	.48
511-LM217K	TO-3	1.2-37	1.5	40	0.02	0.3	-25 to +150	2.40	2.04
511-LM217T	TO-220	1.2-37	1.5	40	0.02	0.3	-25 to +150	.74	.63
511-LM117K	TO-3	1.2-37	1.5	40	0.02	0.3	-55 to +150	2.92	2.48
511-LM350K	TO-3	1.2-37	3.0	35	0.03	0.5	0 to +125	4.48	3.81
511-LM338K	TO-3	1.2-37	5.0	35	0.03	0.5	0 to +125	6.28	5.34

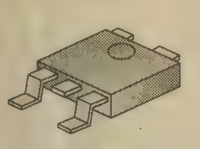
NEGATIVE FIXED VOLTAGE REGULATORS

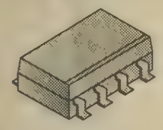
MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ)(V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temp. Range (°C)	Price Each	
								1	100
Surface Mount									
511-L79L05ACD	SO-8	5.0	0.1	1.7	150	60	0 to +125	.38	.32
511-L79L06ACD	SO-8	6.0	0.1	1.7	150	60	0 to +125	.42	.36
511-L79L08ACD	SO-8	8.0	0.1	1.7	175	80	0 to +125	.42	.36
511-L79L09ACD	SO-8	9.0	0.1	1.7	225	80	0 to +125	.42	.36
511-L79L12ACD	SO-8	12.0	0.1	1.7	250	100	0 to +125	.38	.32
511-L79L15ACD	SO-8	15.0	0.1	1.7	300	150	0 to +125	.42	.36
511-L7905CD2T	TO-252	5.0	1.5	1.4	100	100	0 to +150	.62	.53
511-L7906CD2T	TO-252	6.0	1.5	1.4	120	120	0 to +150	.62	.53
511-L7912CD2T	TO-252	12.0	1.5	1.1	240	240	0 to +150	.62	.53
511-L7924CD2T	TO-252	24.0	1.5	1.1	480	480	0 to +150	.62	.53
Thru Hole									
511-L79L05ACZ	TO-92	5.0	0.1	1.7	150	60	0 to +125	.28	.24
511-L79L08ACZ	TO-92	8.0	0.1	1.7	175	80	0 to +125	.32	.27
511-L79L09ACZ	TO-92	9.0	0.1	1.7	225	80	0 to +125	.32	.27
511-L79L12ACZ	TO-92	12.0	0.1	1.7	250	100	0 to +125	.28	.24
511-L79L15ACZ	TO-92	15.0	0.1	1.7	300	150	0 to +125	.32	.27
511-L7905ACV	TO-220	5.0	1.5	1.4	100	100	0 to +125	.46	.39
511-L7905CP	Isowatt220	5.0	1.5	1.4	100	100	0 to +150	.52	.44
511-L7905CT	TO-3	5.0	1.5	1.4	100	100	0 to +150	1.44	1.22
511-L7905CV	TO-220	5.0	1.5	1.4	100	100	0 to +150	.46	.39
511-L7952ACV	TO-220	5.2	1.5	1.4	105	105	0 to +125	.50	.43
511-L7952CT	TO-3	5.2	1.5	1.4	105	105	0 to +150	1.44	1.22
511-L7952CV	TO-220	5.2	1.5	1.4	105	105	0 to +150	.40	.34
511-L7906ACV	TO-220	6.0	1.5	1.4	120	120	0 to +125	.50	.43
511-L7906CT	TO-3	6.0	1.5	1.4	120	120	0 to +150	1.44	1.22
511-L7906CV	TO-220	6.0	1.5	1.4	120	120	0 to +150	.40	.34
511-L7908ACV	TO-220	8.0	1.5	1.1	160	160	0 to +125	.46	.39
511-L7908CT	TO-3	8.0	1.5	1.1	160	160	0 to +150	1.44	1.22
511-L7908CV	TO-220	8.0	1.5	1.1	160	160	0 to +150	.40	.34
511-L7912ACV	TO-220	12.0	1.5	1.1	240	240	0 to +125	.46	.39
511-L7912CP	Isowatt220	12.0	1.5	1.1	240	240	0 to +150	.48	.41
511-L7912CT	TO-3	12.0	1.5	1.1	240	240	0 to +150	1.44	1.22
511-L7912CV	TO-220	12.0	1.5	1.1	240	240	0 to +150	.40	.34
511-L7915ACV	TO-220	15.0	1.5	1.1	300	300	0 to +125	.40	.34
511-L7915CT	TO-3	15.0	1.5	1.1	300	300	0 to +150	1.44	1.22
511-L7915CV	TO-220	15.0	1.5	1.1	300	300	0 to +150	.40	.34
511-L7918ACV	TO-220	18.0	1.5	1.1	360	360	0 to +125	.50	.43
511-L7918CV	TO-220	18.0	1.5	1.1	360	360	0 to +150	.40	.34
511-L7920ACV	TO-220	20.0	1.5	1.1	400	400	0 to +125	.50	.43
511-L7920CV	TO-220	20.0	1.5	1.1	400	400	0 to +150	.40	.34
511-L7924ACV	TO-220	24.0	1.5	1.1	480	480	0 to +125	.50	.43
511-L7924CT	TO-3	24.0	1.5	1.1	480	480	0 to +150	1.44	1.22
511-L7924CV	TO-220	24.0	1.5	1.1	480	480	0 to +150	.40	.34

POSITIVE FIXED VOLTAGE REGULATORS

MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ)(V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temp. Range (°C)	Price Each	
								1	100
Surface Mount									
511-L78L33ACD	SO-8	3.3	0.1	1.7	150	60	0 to +125	.36	.31
511-L78L05ACD	SO-8	5.0	0.1	1.7	150	60	0 to +125	.34	.29
511-L78L05CD	SO-8	5.0	0.1	1.7	200	60	0 to +125	.30	.26

POSITIVE FIXED VOLTAGE REGULATORS (CONT.)


TO-252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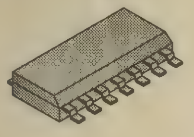
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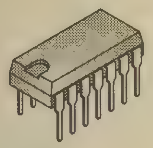
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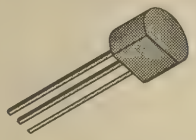
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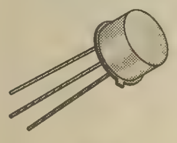
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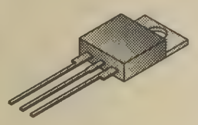
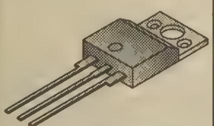

TO-220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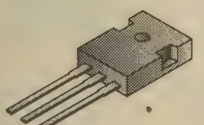
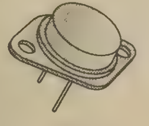
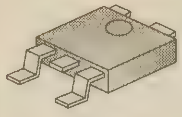

SOT-82


TO-3P

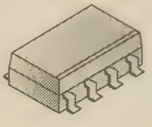
MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ)(V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temp. Range (°C)	Price Each	
								1	100
Surface Mount									
511-L78L05ABD	SO-8	5.0	0.1	1.7	150	60	-40 to +125	.40	.34
511-L78L06ACD	SO-8	6.0	0.1	1.7	150	60	0 to +125	.36	.31
511-L78L06CD	SO-8	6.0	0.1	1.7	200	60	0 to +125	.32	.27
511-L78L08ACD	SO-8	8.0	0.1	1.7	175	80	0 to +125	.36	.31
511-L78L08CD	SO-8	8.0	0.1	1.7	200	80	0 to +125	.32	.27
511-L78L08ABD	SO-8	8.0	0.1	1.7	175	80	-40 to +125	.40	.34
511-L78L09ACD	SO-8	9.0	0.1	1.7	225	80	0 to +125	.36	.31
511-L78L09CD	SO-8	9.0	0.1	1.7	250	80	0 to +125	.32	.27
511-L78L12ACD	SO-8	12.0	0.1	1.7	250	100	0 to +125	.34	.29
511-L78L12CD	SO-8	12.0	0.1	1.7	250	100	0 to +125	.30	.26
511-L78L12ABD	SO-8	12.0	0.1	1.7	250	100	-40 to +125	.40	.34
511-L78L15ACD	SO-8	15.0	0.1	1.7	300	150	0 to +125	.36	.31
511-L78L15CD	SO-8	15.0	0.1	1.7	300	150	0 to +125	.32	.27
511-L78L18CD	SO-8	18.0	0.1	1.7	320	170	0 to +125	.34	.29
511-L78M05ACDT	TO-252	5.0	0.5	2.0	100	100	0 to +125	.56	.48
511-L78M05CDT	TO-252	5.0	0.5	2.0	100	100	0 to +150	.48	.41
511-L78M05ABDT	TO-252	5.0	0.5	2.0	100	100	-40 to +125	.88	.75
511-L78M06ACDT	TO-252	6.0	0.5	2.0	100	120	0 to +125	.56	.48
511-L78M06CDT	TO-252	6.0	0.5	2.0	100	120	0 to +150	.48	.41
511-L78M06ABDT	TO-252	6.0	0.5	2.0	100	120	-40 to +125	.88	.75
511-L78M08ACDT	TO-252	8.0	0.5	2.0	100	160	0 to +125	.56	.48
511-L78M08CDT	TO-252	8.0	0.5	2.0	100	160	0 to +150	.48	.41
511-L78M08ABDT	TO-252	8.0	0.5	2.0	100	160	-40 to +125	.88	.75
511-L78M09ACDT	TO-252	9.0	0.5	2.0	100	180	0 to +125	.56	.48
511-L78M09CDT	TO-252	9.0	0.5	2.0	100	180	0 to +150	.48	.41
511-L78M09ABDT	TO-252	9.0	0.5	2.0	100	180	-40 to +125	.84	.71
511-L78M10CDT	TO-252	10.0	0.5	2.0	100	200	0 to +150	.48	.41
511-L78M12ACDT	TO-252	12.0	0.5	2.0	100	240	0 to +125	.56	.48
511-L78M12CDT	TO-252	12.0	0.5	2.0	100	240	0 to +150	.48	.41
511-L78M12ABDT	TO-252	12.0	0.5	2.0	100	240	-40 to +125	.88	.75
511-L78M15CDT	TO-252	15.0	0.5	2.0	100	300	0 to +150	.48	.41
511-L78M24CDT	TO-252	24.0	0.5	2.0	100	480	0 to +150	.37	.30
511-L7805CD2T	TO-252	5.0	1.5	2.0	50	100	-55 to +150	.56	.48
511-L7806CD2T	TO-252	6.0	1.5	2.0	60	100	-55 to +150	.56	.48
511-L7808CD2T	TO-252	8.0	1.5	2.0	80	100	-55 to +150	.56	.48
511-L7809CD2T	TO-252	9.0	1.5	2.0	100	100	-55 to +150	.56	.48
511-L7812CD2T	TO-252	12.0	1.5	2.0	120	100	-55 to +150	.56	.48
511-L7815CD2T	TO-252	15.0	1.5	2.0	150	150	-55 to +150	.56	.48
Thru Hole									
511-L78L33ACZ	TO-92	3.3	0.1	1.7	150	60	0 to +125	.28	.24
511-L78L33ABZ	TO-92	3.3	0.1	1.7	150	60	-40 to +125	.28	.24
511-L78L05ACZ	TO-92	5.0	0.1	1.7	150	60	0 to +125	.28	.24
511-L78L05ABZ	TO-92	5.0	0.1	1.7	150	60	-40 to +125	.28	.24
511-L78L06ACZ	TO-92	6.0	0.1	1.7	150	60	0 to +125	.28	.24
511-L78L08ACZ	TO-92	8.0	0.1	1.7	175	80	0 to +125	.28	.24
511-L78L08ABZ	TO-92	8.0	0.1	1.7	175	80	-40 to +125	.30	.26
511-L78L09ACZ	TO-92	9.0	0.1	1.7	225	80	0 to +125	.28	.24
511-L78L12ACZ	TO-92	12.0	0.1	1.7	250	100	0 to +125	.28	.24
511-L78L12ABZ	TO-92	12.0	0.1	1.7	250	100	-40 to +125	.28	.24
511-L78L15ACZ	TO-92	15.0	0.1	1.7	300	150	0 to +125	.28	.24
511-L78L24ACZ	TO-92	24.0	0.1	1.7	350	200	0 to +125	.32	.27
511-LM2930A	TO-220	5.0	0.4	0.25	75	110	- - - - - - -	1.24	1.05
511-LM2931A	TO-220	5.0	0.4	0.25	75	110	- - - - - - -	1.44	1.22
511-L78M05CP	Isowatt220	5.0	0.5	2.0	100	100	0 to +150	.48	.41
511-L78M05CV	TO-220	5.0	0.5	2.0	100	100	0 to +150	.40	.34
511-L78M05CX	SOT-82	5.0	0.5	2.0	100	100	0 to +150	.37	.30
511-L78M05ABV	TO-220	5.0	0.5	2.0	100	100	-40 to +125	.56	.48
511-L78M06ABV	TO-220	6.0	0.5	2.0	100	120	-40 to +125	.56	.48
511-L78M08CP	Isowatt220	8.0	0.5	2.0	100	160	0 to +150	.55	.46
511-L78M08CV	TO-220	8.0	0.5	2.0	100	160	0 to +150	.40	.34
511-L78M08ABV	TO-220	8.0	0.5	2.0	100	160	-40 to +125	.56	.48
511-L78M09CV	TO-220	9.0	0.5	2.0	100	180	0 to +150	.40	.34
511-L78M09ABV	TO-220	9.0	0.5	2.0	100	180	-40 to +125	.56	.48
511-L78M10CV	TO-220	10.0	0.5	2.0	100	200	0 to +150	.40	.34
511-L78M12CP	Isowatt220	12.0	0.5	2.0	100	240	0 to +150	.48	.41
511-L78M12CV	TO-220	12.0	0.5	2.0	100	240	0 to +150	.40	.34
511-L78M12CX	SOT-82	12.0	0.5	2.0	100	240	0 to +150	.37	.30
511-L78M15CV	TO-220	15.0	0.5	2.0	100	300	0 to +150	.40	.34
511-L78M15ABV	TO-220	15.0	0.5	2.0	100	300	-40 to +125	.56	.48
511-L78M18CV	TO-220	18.0	0.5	2.0	100	360	0 to +150	.40	.34
511-L78M20CV	TO-220	20.0	0.5	2.0	100	400	0 to +150	.40	.34
511-L78M24CV	TO-220	24.0	0.5	2.0	100	480	0 to +150	.40	.34
511-L7805ACP	Isowatt220	5.0	1.5	2.0	50	100	0 to +125	.52	.44
511-L7805ACV	TO-220	5.0	1.5	2.0	50	100	0 to +125	.40	.34
511-L7805CP	Isowatt220	5.0	1.5	2.0	100	100	0 to +150	.52	.44
511-L7805CT	TO-3	5.0	1.5	2.0	100	100	0 to +150	1.20	1.02
511-L7805CV	TO-220	5.0	1.5	2.0	100	100	0 to +150	.40	.34
511-L7805ABV	TO-220	5.0	1.5	2.0	50	100	-40 to +125	.60	.51
511-L7806ACV	TO-220	6.0	1.5	2.0	60	100	0 to +125	.46	.39
511-L7806CP	Isowatt220	6.0	1.5	2.0	120	120	0 to +150	.52	.44
511-L7806CV	TO-220	6.0	1.5	2.0	120	120	0 to +150	.40	.34
511-L7808ACV	TO-220	8.0	1.5	2.0	80	100	0 to +125	.40	.34
511-L7808CP	Isowatt220	8.0	1.5	2.0	160	160	0 to +150	.52	.44
511-L7808CV	TO-220	8.0	1.5	2.0	160	160	0 to +150	.40	.34
511-L7885CV	TO-220	8.5	1.5	2.0	160	160	0 to +150	.40	.34
511-L7809ACV	TO-220	9.0	1.5	2.0	90	100	0 to +125	.46	.39
511-L7809CP	Isowatt220	9.0	1.5	2.0	180	180	0 to +150	.52	.44
511-L7809CT	TO-3	9.0	1.5	2.0	180	180	0 to +150	1.20	1.02

Voltage Regulators

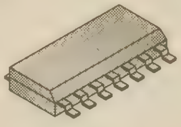
STMicroelectronics



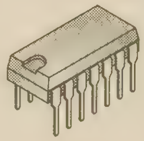
TO-252



SO-8



SO-14



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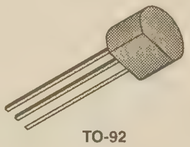

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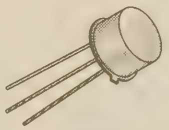

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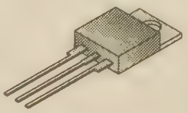
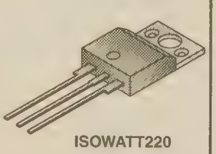


TO-220



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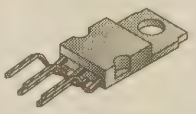
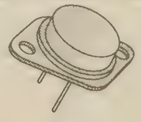


PENTAWATT



TO-3P

POSITIVE FIXED VOLTAGE REGULATORS (CONT.)

MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ)(V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temp. Range (°C)	Price Each	
								1	100
Thru Hole									
511-L7809CV	TO-220	9.0	1.5	2.0	180	180	0 to +150	.40	.34
511-L7812ACV	TO-220	12.0	1.5	2.0	120	100	0 to +125	.46	.39
511-L7812CP	Isowatt220	12.0	1.5	2.0	240	240	0 to +150	.52	.44
511-L7812CT	TO-3	12.0	1.5	2.0	240	240	0 to +150	1.28	1.09
511-L7812CV	TO-220	12.0	1.5	2.0	240	240	0 to +150	.40	.34
511-L7812ABV	TO-220	12.0	1.5	2.0	120	100	-40 to +125	.62	.53
511-L7815ACV	TO-220	15.0	1.5	2.0	150	100	0 to +125	.40	.34
511-L7815CP	Isowatt220	15.0	1.5	2.0	300	300	0 to +150	.52	.44
511-L7815CT	TO-3	15.0	1.5	2.0	300	300	0 to +150	1.20	1.02
511-L7815CV	TO-220	15.0	1.5	2.0	300	300	0 to +150	.40	.34
511-L7818ACV	TO-220	18.0	1.5	2.0	180	100	0 to +125	1.20	1.02
511-L7818CT	TO-3	18.0	1.5	2.0	360	360	0 to +150	1.20	1.02
511-L7818CV	TO-220	18.0	1.5	2.0	360	360	0 to +150	.40	.34
511-L7818ABV	TO-220	18.0	1.5	2.0	180	100	-40 to +125	.66	.56
511-L7820ACV	TO-220	20.0	1.5	2.0	210	100	0 to +125	.40	.34
511-L7820CV	TO-220	20.0	1.5	2.0	400	400	0 to +150	.40	.34
511-L7824ACV	TO-220	24.0	1.5	2.0	240	100	0 to +125	.40	.34
511-L7824CT	TO-3	24.0	1.5	2.0	480	480	0 to +150	1.20	1.02
511-L7824CV	TO-220	24.0	1.5	2.0	480	480	0 to +150	.40	.34
511-L78S05CT	TO-3	5.0	2.0	-------	100	100	0 to +150	1.46	1.24
511-L78S05CV	TO-220	5.0	2.0	-------	100	100	0 to +150	.46	.39
511-L78S75CV	TO-220	7.5	2.0	-------	120	120	0 to +150	.48	.41
511-L78S09CT	TO-3	9.0	2.0	-------	130	130	0 to +150	1.46	1.24
511-L78S09CV	TO-220	9.0	2.0	-------	130	130	0 to +150	.46	.39
511-L78S10CT	TO-3	10.0	2.0	-------	200	150	0 to +150	1.46	1.24
511-L78S10CV	TO-220	10.0	2.0	-------	200	150	0 to +150	.46	.39
511-L78S12CT	TO-3	12.0	2.0	-------	240	160	0 to +150	1.46	1.24
511-L78S12CV	TO-220	12.0	2.0	-------	240	160	0 to +150	.46	.39
511-L78S15CT	TO-3	15.0	2.0	-------	300	180	0 to +150	1.46	1.24
511-L78S15CV	TO-220	15.0	2.0	-------	300	180	0 to +150	.46	.39
511-L78S18CV	TO-220	18.0	2.0	-------	360	200	0 to +150	.46	.39
511-L78S24CV	TO-220	24.0	2.0	-------	480	250	0 to +150	.46	.39
511-LM323K	TO-3	5.0	3.0	-------	25	100	0 to +125	3.20	2.72
511-LM123K	TO-3	5.0	3.0	-------	25	100	-55 to +150	4.40	3.74

POSITIVE FIXED LOW DROP VOLTAGE REGULATORS

MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ)(V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temp. Range (°C)	Price Each	
								1	100
Surface Mount									
511-LF25CDT	TO-252	2.5	0.5	0.2	12	10	-40 to +125	.88	.75
511-LF30CDT	TO-252	3.0	0.5	0.2	15	15	-40 to +125	.88	.75
511-LF33CDT	TO-252	3.3	0.5	0.2	16	16	-40 to +125	.88	.75
511-LF50CDT	TO-252	5.0	0.5	0.2	25	25	-40 to +125	.88	.75
511-LF52CDT	TO-252	5.2	0.5	0.2	26	26	-40 to +125	.88	.75
511-LF60CDT	TO-252	6.0	0.5	0.2	30	30	-40 to +125	.88	.75
511-LF80CDT	TO-252	8.0	0.5	0.2	40	40	-40 to +125	.88	.75
511-LD1117DT25C	TO-252	2.5	0.8	1.1	6	10	0 to +125	.92	.78
511-LD1117DT285C	TO-252	2.85	0.8	1.1	6	10	0 to +125	1.06	.87
511-LD1117DT30C	TO-252	3.0	0.8	1.1	6	10	0 to +125	.92	.78
511-LD1117DT33C	TO-252	3.3	0.8	1.1	6	10	0 to +125	.92	.78
511-LD1117DT50C	TO-252	5.0	0.8	1.1	10	15	0 to +125	.92	.78
511-L4941BDT	TO-252	5.0	1.0	0.45	20	20	0 to +125	1.46	1.24
Thru Hole									
511-LF25CV	TO-220	2.5	0.5	0.2	12	12	-40 to +125	.84	.71
511-LF30CV	TO-220	3.0	0.5	0.2	15	15	-40 to +125	.84	.71
511-LF33CV	TO-220	3.3	0.5	0.2	16	16	-40 to +125	.84	.71
511-LF47CV	TO-220	4.7	0.5	0.2	23	23	-40 to +125	.84	.71
511-LF50CV	TO-220	5.0	0.5	0.2	25	25	-40 to +125	.84	.71
511-L387A	Pentawatt	5.0	0.5	0.4	50	60	-40 to +125	1.70	1.45
511-LF52CV	TO-220	5.2	0.5	0.2	26	26	-40 to +125	.84	.71
511-LF60CV	TO-220	6.0	0.5	0.2	30	30	-40 to +125	.84	.71
511-LF80CV	TO-220	8.0	0.5	0.2	40	40	-40 to +125	.84	.71
511-LF85CV	TO-220	8.5	0.5	0.2	42	42	-40 to +125	.84	.71
511-LD1117V30C	TO-220	3.0	0.8	1.1	6	10	0 to +125	.80	.68
511-LD1117V33C	TO-220	3.3	0.8	1.1	6	10	0 to +125	.80	.68
511-LD1117V50C	TO-220	5.0	0.8	1.1	10	15	0 to +125	.80	.68
511-L4941BV	TO-220	5.0	1.0	0.45	20	20	0 to +125	1.34	1.14
511-L4940V5	TO-220	5.0	1.5	0.2	10	25	0 to +125	1.52	1.29
511-L4940V85	TO-220	8.5	1.5	0.2	9	30	0 to +125	1.52	1.29
511-L4940V10	TO-220	10.0	1.5	0.2	8	35	0 to +125	1.52	1.29
511-L4940V12	TO-220	12.0	1.5	0.2	7	35	0 to +125	1.52	1.29

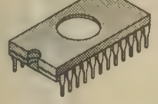
POSITIVE FIXED VERY LOW DROP VOLTAGE REGULATORS

MOUSER STOCK NO.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ)(V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temp. Range (°C)	Price Each	
								1	100
Surface Mount									
511-LK115D25	SO-8	2.5	0.1	0.17	10	20	-40 to +125	.66	.66
511-LK115D33	SO-8	3.3	0.1	0.17	10	20	-40 to +125	.66	.56
511-LK115D50	SO-8	5.0	0.1	0.17	15	20	-40 to +125	.66	.56
Thru Hole									
511-L4805CV	TO-220	5.0	0.4	0.5	15	25	-40 to +125	1.56	1.33
511-L4945	TO-220	5.0	0.5	0.4	10	60	-40 to +125	2.08	1.77
511-L4947R	Pentawatt	5.0	0.5	0.4	10	60	-40 to +125	3.00	2.55

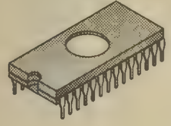
UV and OTP EPROMs

STMicroelectronics

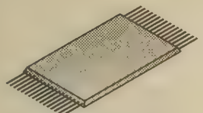
DIP-24



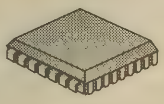
DIP-28



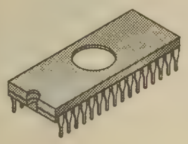
TSOP-32



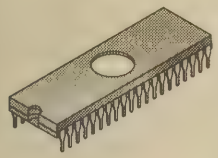
PLCC-32



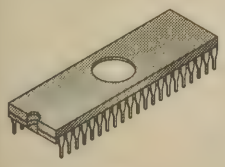
DIP-32



DIP-40



DIP-42



UV (Ultra Violet Erasable) EPROMs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Proccess Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each
								1-99
Thru Hole								
511-M2732A-2F1	DIP-24	NMOS	32K	4K X 8	200	0 to 70	5.0	7.30
511-M2764A-2F1	DIP-28	NMOS	64K	8K X 8	200	0 to 70	5.0	5.36
511-M2764AF1	DIP-28	NMOS	64K	8K X 8	250	0 to 70	5.0	5.36
511-M27128A-2F1	DIP-28	NMOS	128K	16K X 8	200	0 to 70	5.0	5.36
511-M27128A-F1	DIP-28	NMOS	128K	16K X 8	250	0 to 70	5.0	5.36
511-M2756-2F1	DIP-28	NMOS	256K	32K X 8	200	0 to 70	5.0	7.30
511-M2756-F1	DIP-28	NMOS	256K	32K X 8	250	0 to 70	5.0	7.30
511-M27512-2F1	DIP-28	NMOS	512K	64K X 8	200	0 to 70	5.0	9.74
511-M27512-F1	DIP-28	NMOS	512K	64K X 8	250	0 to 70	5.0	11.20
511-M27C64A-15F	DIP-28	CMOS	64K	8K X 8	150	0 to 70	5.0	4.00
511-M27C256B-70XF	DIP-28	CMOS	256K	32K X 8	70	0 to 70	5.0	3.80
511-M27C256B-80XF	DIP-28	CMOS	256K	32K X 8	80	0 to 70	5.0	3.40
511-M27C256B-10F	DIP-28	CMOS	256K	32K X 8	100	0 to 70	5.0	3.30
511-M27C256B-12F	DIP-28	CMOS	256K	32K X 8	120	0 to 70	5.0	3.30
511-M27C256B-15F	DIP-28	CMOS	256K	32K X 8	150	0 to 70	5.0	3.30
511-M87C257-12F	DIP-28	CMOS	256K	32K X 8	120	0 to 70	5.0	6.46
511-M87C257-20F	DIP-28	CMOS	256K	32K X 8	200	0 to 70	5.0	7.00
511-M27C512-45XF	DIP-28	CMOS	512K	64K X 8	45	0 to 70	5.0	4.30
511-M27C512-70XF	DIP-28	CMOS	512K	64K X 8	70	0 to 70	5.0	4.00
511-M27C512-80XF	DIP-28	CMOS	512K	64K X 8	80	0 to 70	5.0	3.64
511-M27C512-10F	DIP-28	CMOS	512K	64K X 8	100	0 to 70	5.0	3.50
511-M27C512-12F	DIP-28	CMOS	512K	64K X 8	120	0 to 70	5.0	3.50
511-M27C512-15F	DIP-28	CMOS	512K	64K X 8	150	0 to 70	5.0	3.50
511-M27C1001-45XF	DIP-32	CMOS	1M	128K X 8	45	0 to 70	5.0	6.30
511-M27C1001-60XF	DIP-32	CMOS	1M	128K X 8	60	0 to 70	5.0	5.80
511-M27C1001-70XF	DIP-32	CMOS	1M	128K X 8	70	0 to 70	5.0	6.21
511-M27C1001-80XF	DIP-32	CMOS	1M	128K X 8	80	0 to 70	5.0	4.20
511-M27C1001-12F	DIP-32	CMOS	1M	128K X 8	120	0 to 70	5.0	4.20
511-M27C1001-15F	DIP-32	CMOS	1M	128K X 8	150	0 to 70	5.0	4.20
511-M27C1024-70XF	DIP-40	CMOS	1M	64K X 16	70	0 to 70	5.0	8.74
511-M27C1024-80XF	DIP-40	CMOS	1M	64K X 16	80	0 to 70	5.0	7.00
511-M27C1024-10F	DIP-40	CMOS	1M	64K X 16	100	0 to 70	5.0	6.40
511-M27C1024-12F	DIP-40	CMOS	1M	64K X 16	120	0 to 70	5.0	6.40
511-M27C1024-15F	DIP-40	CMOS	1M	64K X 16	150	0 to 70	5.0	6.40
511-M27C1024-20F	DIP-40	CMOS	1M	64K X 16	200	0 to 70	5.0	7.60
511-M27C2001-70XF	DIP-32	CMOS	2M	256K X 8	70	0 to 70	5.0	8.60
511-M27C2001-80XF	DIP-32	CMOS	2M	256K X 8	80	0 to 70	5.0	8.00
511-M27C2001-10F	DIP-32	CMOS	2M	256K X 8	100	0 to 70	5.0	6.00
511-M27C2001-12F	DIP-32	CMOS	2M	256K X 8	120	0 to 70	5.0	6.00
511-M27C2001-15F	DIP-32	CMOS	2M	256K X 8	150	0 to 70	5.0	6.00
511-M27C4001-45XF	DIP-32	CMOS	4M	512K X 8	45	0 to 70	5.0	14.40
511-M27C4001-80XF	DIP-32	CMOS	4M	512K X 8	80	0 to 70	5.0	13.20
511-M27C4001-10F	DIP-32	CMOS	4M	512K X 8	100	0 to 70	5.0	7.50
511-M27C4001-12F	DIP-32	CMOS	4M	512K X 8	120	0 to 70	5.0	7.50
511-M27C4001-15F	DIP-32	CMOS	4M	512K X 8	150	0 to 70	5.0	7.50
511-M27C4002-80XF	DIP-40	CMOS	4M	256K X 16	80	0 to 70	5.0	15.40
511-M27C4002-10F	DIP-40	CMOS	4M	256K X 16	100	0 to 70	5.0	10.00
511-M27C4002-12F	DIP-40	CMOS	4M	256K X 16	120	0 to 70	5.0	10.00
511-M27C4002-15F	DIP-40	CMOS	4M	256K X 16	150	0 to 70	5.0	10.00
511-M27C801-90F	DIP-32	CMOS	8M	1M X 8	90	0 to 70	5.0	14.00
511-M27C801-10F	DIP-32	CMOS	8M	1M X 8	100	0 to 70	5.0	14.00
511-M27C801-12F	DIP-32	CMOS	8M	1M X 8	120	0 to 70	5.0	14.00
511-M27C801-15F	DIP-32	CMOS	8M	1M X 8	150	0 to 70	5.0	13.00
511-M27C800-10F	DIP-42	CMOS	8M	1M X 8 or 512K X 16	100	0 to 70	5.0	15.00
511-M27C160-10F	DIP-42	CMOS	16M	2M X 8 or 1M X 16	100	0 to 70	5.0	22.00
511-M27C160-15F	DIP-42	CMOS	16M	2M X 8 or 1M X 16	150	0 to 70	5.0	27.60

OTP (ONE TIME PROGRAMMABLE) EPROMS

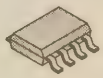
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Proccess Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each
								1-99
Surface Mount								
511-M27V512-12N	TSOP-32	CMOS	512K	64K X 8	120	0 to 70	3.3	5.60
511-M27V101-12N	TSOP-32	CMOS	1M	128K X 8	120	0 to 70	3.3	7.20
511-M27W201-80N6	TSOP-32	CMOS	2M	256K X 8	80	- 40 to 85	3.0	5.00
511-M27W401-80N6	TSOP-32	CMOS	4M	512K X 8	80	- 40 to 85	3.0	8.00
511-M27C405-12N	TSOP-32	CMOS	4M	512K X 8	120	0 to 70	5.0	11.50
Thru Hole								
511-M27C256B-70C	PLCC-32	CMOS	256K	32K X 8	70	0 to 70	5.0	3.30
511-M27C256B-90B	DIP-28	CMOS	256K	32K X 8	90	0 to 70	5.0	2.80
511-M27C256B-90C	PLCC-32	CMOS	256K	32K X 8	90	0 to 70	5.0	2.80
511-M27C256B-12B	DIP-28	CMOS	256K	32K X 8	120	0 to 70	5.0	2.30
511-M27C256B-15B	DIP-28	CMOS	256K	32K X 8	150	0 to 70	5.0	2.30
511-M27C512-70C	PLCC-32	CMOS	512K	64K X 8	70	0 to 70	5.0	3.50
511-M27C512-90B	DIP-28	CMOS	512K	64K X 8	90	0 to 70	5.0	3.06
511-M27C512-90C	PLCC-32	CMOS	512K	64K X 8	90	0 to 70	5.0	3.06
511-M27C512-12B	DIP-28	CMOS	512K	64K X 8	120	0 to 70	5.0	2.40
511-M27C512-15B	DIP-28	CMOS	512K	64K X 8	150	0 to 70	5.0	2.40
511-M27V101-12K	PLCC-32	CMOS	1M	128K X 8	120	0 to 70	3.3	6.40
511-M27C1001-70B	DIP-32	CMOS	1M	128K X 8	70	0 to 70	5.0	2.70
511-M27C1001-70C	PLCC-32	CMOS	1M	128K X 8	70	0 to 70	5.0	2.70
511-M27C1001-90C	PLCC-32	CMOS	1M	128K X 8	90	0 to 70	5.0	2.70
511-M27C1001-10B	DIP-32	CMOS	1M	128K X 8	100	0 to 70	5.0	2.70
511-M27C1001-12B	DIP-32	CMOS	1M	128K X 8	120	0 to 70	5.0	4.20
511-M27C1001-15B	DIP-32	CMOS	1M	128K X 8	150	0 to 70	5.0	2.70
511-M27C2001-70C	PLCC-32	CMOS	2M	256K X 8	70	0 to 70	5.0	4.40
511-M27C2001-90C	PLCC-32	CMOS	2M	256K X 8	90	0 to 70	5.0	4.40
511-M27V401-20K	PLCC-32	CMOS	4M	512K X 8	200	0 to 70	3.3	18.80
511-M27C405-12K	PLCC-32	CMOS	4M	512K X 8	120	0 to 70	5.0	11.00
511-M27C4001-90C	PLCC-32	CMOS	4M	512K X 8	90	0 to 70	5.0	8.40
511-M27C4001-10C	PLCC-32	CMOS	4M	512K X 8	100	0 to 70	5.0	6.50

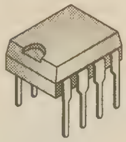
Serial and Parallel EEPROMs

STMicroelectronics

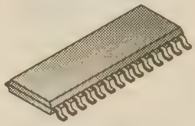
SO-8



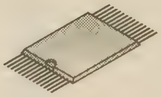
DIP-8



SO-28



TSOP-28



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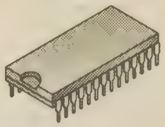
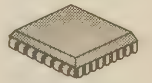


PLCC-32



I^{2}C BUS SERIAL EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Density	Organization	Temperature Range (°C)	Operating Voltage (V)	Supply Current (mA)	Price Each
							1-99
Surface Mount							
511-M24C01-MN6	SO-8	1K	128 X 8	- 40 to + 85	4.5 - 5.5	2.0	**0.60**
511-M24C01-WMN6	SO-8	1K	128 X 8	- 40 to + 85	2.5 - 5.5	1.0	**0.66**
511-ST24C01M	SO-8	1K	128 X 8	0 to 70	3.0 - 5.5	2.0	**0.60**
511-ST24W01M	SO-8	1K	128 X 8	0 to 70	3.0 - 5.5	2.0	**0.64**
511-M24C02-MN6	SO-8	2K	256 X 8	- 40 to + 85	4.5 - 5.5	2.0	**0.70**
511-M24C02-WMN6	SO-8	2K	256 X 8	- 40 to + 85	2.5 - 5.5	1.0	**0.76**
511-ST25W02M	SO-8	2K	256 X 8	0 to 70	2.5 - 5.5	1.0	**0.80**
511-M24C04-MN6	SO-8	4K	512 X 8	- 40 to + 85	4.5 - 5.5	2.0	**0.76**
511-M24C04-WMN6	SO-8	4K	512 X 8	- 40 to + 85	2.5 - 5.5	1.0	**0.84**
511-M24C08-MN6	SO-8	8K	1K X 8	- 40 to + 85	4.5 - 5.5	2.0	**1.04**
511-M24C08-WMN6	SO-8	8K	1K X 8	- 40 to + 85	2.5 - 5.5	1.0	**1.04**
511-ST24W08M	SO-8	8K	1K X 8	0 to 70	3.0 - 5.5	2.0	**1.24**
511-M24C16-MN6	SO-8	16K	2K X 8	- 40 to + 85	4.5 - 5.5	2.0	**1.42**
511-M24C16-WMN6	SO-8	16K	2K X 8	- 40 to + 85	2.5 - 5.5	1.0	**1.58**
511-M24C32-MN6	SO-8	32K	4K X 8	- 40 to + 85	4.5 - 5.5	2.0	**1.90**
511-M24C32-WMN6	SO-8	32K	4K X 8	- 40 to + 85	2.5 - 5.5	1.0	**2.10**
511-M24C64-MN6	SO-8	64K	8K X 8	- 40 to + 85	4.5 - 5.5	2.0	**2.30**
511-M24C64-MW6	SO-8	64K	8K X 8	- 40 to + 85	4.5 - 5.5	2.0	**2.40**
511-M24C64-WMW6	SO-8	64K	8K X 8	- 40 to + 85	2.5 - 5.5	1.0	**2.64**
511-M24128-MN6	SO-8	128K	16K X 8	- 40 to + 85	4.5 - 5.5	2.0	**4.06**
511-M24128-WMN6	SO-8	128K	16K X 8	- 40 to + 85	2.5 - 5.5	1.0	**4.46**
Thru Hole							
511-M24C01-BN6	DIP-8	1K	128 X 8	- 40 to + 85	4.5 - 5.5	2.0	**0.60**
511-M24C01-WBN6	DIP-8	1K	128 X 8	- 40 to + 85	2.5 - 5.5	1.0	**0.66**
511-M24C02-BN6	DIP-8	2K	256 X 8	- 40 to + 85	4.5 - 5.5	2.0	**0.70**
511-M24C02-WBN6	DIP-8	2K	256 X 8	- 40 to + 85	2.5 - 5.5	1.0	**0.70**
511-ST24W02CB	DIP-8	2K	256 X 8	0 to 70	3.0 - 5.5	2.0	**0.74**
511-M24C04-BN6	DIP-8	4K	512 X 8	- 40 to + 85	4.5 - 5.5	2.0	**0.76**
511-M24C04-WBN6	DIP-8	4K	512 X 8	- 40 to + 85	2.5 - 5.5	1.0	**0.84**
511-ST24W04CB	DIP-8	4K	512 X 8	0 to 70	3.0 - 5.5	2.0	**0.80**
511-ST25C04B	DIP-8	4K	512 X 8	0 to 70	2.5 - 5.5	1.0	**0.84**
511-ST25W04CB	DIP-8	4K	512 X 8	0 to 70	2.5 - 5.5	1.0	**0.88**
511-M24C08-BN6	DIP-8	8K	1K X 8	- 40 to + 85	4.5 - 5.5	2.0	**1.04**
511-M24C08-WBN6	DIP-8	8K	1K X 8	- 40 to + 85	2.5 - 5.5	1.0	**1.04**
511-ST24W08B	DIP-8	8K	1K X 8	0 to 70	3.0 - 5.5	2.0	**1.24**
511-ST24C08B	DIP-8	8K	4 X 256 X 8	0 to 70	3.0 - 5.5	2.0	**1.16**
511-M24C16-BN6	DIP-8	16K	2K X 8	- 40 to + 85	4.5 - 5.5	2.0	**1.42**
511-M24C16-WBN6	DIP-8	16K	2K X 8	- 40 to + 85	2.5 - 5.5	1.0	**1.58**
511-ST24W16B	DIP-8	16K	2K X 8	0 to 70	3.0 - 5.5	2.0	**1.52**
511-ST25C16CB	DIP-8	16K	2K X 8	0 to 70	2.5 - 5.5	1.0	**1.58**
511-M24C32-BN6	DIP-8	32K	4K X 8	- 40 to + 85	4.5 - 5.5	2.0	**1.90**
511-M24C32-WBN6	DIP-8	32K	4K X 8	- 40 to + 85	2.5 - 5.5	1.0	**2.10**
511-M24164-BN6	DIP-8	64K	8K X 8	- 40 to + 85	4.5 - 5.5	2.0	**1.30**
511-M24C64-BN6	DIP-8	64K	8K X 8	- 40 to + 85	4.5 - 5.5	2.0	**2.30**
511-M24C64-WBN6	DIP-8	64K	8K X 8	- 40 to + 85	2.5 - 5.5	1.0	**2.54**
511-M24128-BN6	DIP-8	128K	16K X 8	- 40 to + 85	4.5 - 5.5	2.0	**4.06**
511-M24128-WBN6	DIP-8	128K	16K X 8	- 40 to + 85	2.5 - 5.5	1.0	**4.74**
511-M24256-BN6	DIP-8	256K	32K X 8	- 40 to + 85	4.5 - 5.5	2.0	**7.04**
511-M24256-WBN6	DIP-8	256K	32K X 8	- 40 to + 85	2.5 - 5.5	1.0	**7.58**

MICROWIRE BUS SERIAL EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Density	Organization	Temperature Range (°C)	Operating Voltage (V)	Supply Current (mA)	Price Each
							1-99
Surface Mount							
511-M93C06-MN6	SO-8	256	32 X 8 or 16 X 16	- 40 to + 85	4.5 - 5.5	1.5	**0.60**
511-M93S46-WMN6	SO-8	1K	64 X 16	- 40 to + 85	2.5 - 5.5	1.5	**0.66**
511-M93C46-MN6	SO-8	1K	128 X 8 or 64 X 16	- 40 to + 85	4.5 - 5.5	1.5	**0.60**
511-M93S56-WMN6	SO-8	2K	128 X 16	- 40 to + 85	2.5 - 5.5	1.5	**0.94**
511-M93C56-MN6	SO-8	2K	256 X 8 or 128 X 16	- 40 to + 85	4.5 - 5.5	1.5	**0.70**
511-M93C66-MN6	SO-8	4K	512 X 8 or 256 X 16	- 40 to + 85	4.5 - 5.5	1.5	**0.84**
Thru Hole							
511-M93C06-BN6	DIP-8	256	32 X 8 or 16 X 16	- 40 to + 85	4.5 - 5.5	1.5	**0.60**
511-M93C46-BN6	DIP-8	1K	128 X 8 or 64 X 16	- 40 to + 85	4.5 - 5.5	1.5	**0.60**
511-M93C46-WBN6	DIP-8	1K	128 X 8 or 64 X 16	- 40 to + 85	2.5 - 5.5	1.5	**0.60**
511-ST93CS57B	DIP-8	2K	128 X 16	0 to 70	2.5 - 5.5	1.5	**1.04**
511-M93S56-WBN6	DIP-8	2K	128 X 16	- 40 to + 85	2.5 - 5.5	1.5	**0.94**
511-M93C56-BN6	DIP-8	2K	256 X 8 or 128 X 16	- 40 to + 85	4.5 - 5.5	1.5	**0.70**
511-ST93C56B	DIP-8	2K	256 X 8 or 128 X 16	0 to 70	4.5 - 5.5	1.5	**0.70**
511-M93S66-WBN6	DIP-8	4K	256 X 16	- 40 to + 85	2.5 - 5.5	1.5	**0.98**
511-M93C66-BN6	DIP-8	4K	512 X 8 or 256 X 16	- 40 to + 85	4.5 - 5.5	1.5	**1.02**

PARALLEL EEPROMs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Operating Voltage (V)	SupplyCurrent (TTL/CMOS) (mA)	Price Each
								1-99
Surface Mount								
511-M28C64C-15MS6	SO-28	64K	8K X 8	150	-40 to +85	4.5 - 5.5	30/30	**10.00**
511-M28C64C-15N6	TSOP-28	64K	8K X 8	150	-40 to +85	4.5 - 5.5	30/30	**10.00**
511-M28C64C-20MS6	SO-28	64K	8K X 8	200	-40 to +85	4.5 - 5.5	30/30	**10.00**
Thru Hole								
511-M28C64C-15K6	PLCC-32	64K	8K X 8	150	-40 to +85	4.5 - 5.5	30/30	**10.00**
511-M28C64C-15P6	DIP-28	64K	8K X 8	150	-40 to +85	4.5 - 5.5	30/30	**10.00**
511-M28C64C-20K6	PLCC-32	64K	8K X 8	200	-40 to +85	4.5 - 5.5	30/30	**10.00**

Flash EEPROMs and Static RAMs

STMicroelectronics

SINGLE VOLTAGE (3V) FLASH EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Operating Voltage (V)	Array Matrix	Price Each
								1-99
Surface Mount								
511-M29W040B12N	TSOP-32	4M	512K X 8	120	0 to 70	2.7 - 3.6	Uniform Block	7.20
511-M29W400B-12M	SO-44	4M	512K X 8 or 256K X 16	120	0 to 70	2.7 - 3.6	Bottom Boot	8.80
511-M29W400T-10M	SO-44	4M	512K X 8 or 256K X 16	100	0 to 70	2.7 - 3.6	Top Boot	8.80
511-M29W400T-12M	SO-44	4M	512K X 8 or 256K X 16	120	0 to 70	2.7 - 3.6	Top Boot	8.80
Thru Hole								
511-M29W040B12K	PLCC-32	4M	512K X 8	120	0 to 70	2.7 - 3.6	Uniform Block	7.20

SINGLE VOLTAGE (5V) FLASH EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Operating Voltage (V)	Array Matrix	Price Each 1-99
Surface Mount								
511-M29F100T-90M	SO-44	1M	128K X 8 or 64K X 16	90	0 to 70	4.5 to 5.5	Top Boot	4.96
511-M29F200T-70XM	SO-44	2M	256K X 8 or 128 X 16	70	0 to 70	4.5 to 5.5	Top Boot	6.56
511-M29F200T-70XN	TSOP-48	2M	256K X 8 or 128 X 16	70	0 to 70	4.5 to 5.5	Top Boot	9.20
511-M29F200T-90M	SO-44	2M	256K X 8 or 128 X 16	90	0 to 70	4.5 to 5.5	Top Boot	6.56
511-M29F200T-90N	TSOP-48	2M	256K X 8 or 128 X 16	90	0 to 70	4.5 to 5.5	Top Boot	6.56
511-M29F040B70N	TSOP-32	4M	512K X 8	70	0 to 70	4.5 to 5.5	Uniform Block	6.40
511-M29F400BT90M	SO-44	4M	512K X 8 or 256K X 16	90	0 to 70	4.5 to 5.5	Top Boot	7.20
511-M29F400BT90N	TSOP-48	4M	512K X 8 or 256K X 16	90	0 to 70	4.5 to 5.5	Top Boot	7.20
511-M29F400BB12M	SO-44	32M	4M X 8 or 2M X 16	120	0 to 70	4.5 to 5.5	Bottom Boot	7.20
511-M29F400BT90N	TSOP-48	32M	4M X 8 or 2M X 16	90	0 to 70	4.5 to 5.5	Top Boot	7.20
Thru Hole								
511-M29F040B90K	PLCC-32	4M	512K X 8	90	0 to 70	4.5 to 5.5	Uniform Block	6.40

DUAL VOLTAGE (5V/12V) FLASH EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Operating Voltage (V)	Array Matrix	Price Each
								1-99
Surface Mount								
511-M28F101-12N	TSOP-32	1M	128K X 8	120	0 to 70	4.0 to 6.0	Bulk	6.00
511-M28F201-90N	TSOP-32	2M	256K X 8	90	0 to 70	4.0 to 6.0	Bulk	11.00
511-M28F411-90N	TSOP-40	4M	512K X 8	90	0 to 70	4.0 to 6.0	Top Boot	17.80
Thru Hole								
511-M28F512-90C	PLCC-32	512K	64K X 8	90	0 to 70	4.0 to 6.0	Bulk	6.00
511-M28F101-12K	PLCC-32	1M	128K X 8	120	0 to 70	4.0 to 6.0	Bulk	6.00
511-M28F101-12P	DIP-32	1M	128K X 8	120	0 to 70	4.0 to 6.0	Bulk	6.00
511-M28F201-12K	PLCC-32	2M	256K X 8	120	0 to 70	4.0 to 6.0	Bulk	10.00

TIMEKEEPER STATIC RAMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each
							1-99
Surface Mount							
511-M48T59Y70MH1	SOH-28	64K	8K X 8	70	0 to 70	4.5 to 5.5	18.92
511-M48T1810MH1	SOH-28	64K	8K X 8	100	0 to 70	4.5 to 5.5	15.54
Thru Hole							
511-M48T02-70PC1	PCDIP-24	16K	2K X 8	70	0 to 70	4.75 to 5.5	16.00
511-M48T0215PC1	PCDIP-24	16K	2K X 8	150	0 to 70	4.75 to 5.5	12.80
511-M48T0220PC1	PCDIP-24	16K	2K X 8	200	0 to 70	4.75 to 5.5	12.80
511-M48T1215PC1	PCDIP-24	16K	2K X 8	150	0 to 70	4.5 to 5.5	12.80
511-M48T1220PC1	PCDIP-24	16K	2K X 8	200	0 to 70	4.5 to 5.5	12.80
511-M48T58Y70PC1	PCDIP-28	64K	8K X 8	70	0 to 70	4.5 to 5.5	18.00
511-M48T5970PC1	PCDIP-28	64K	8K X 8	70	0 to 70	4.75 to 5.5	18.00
511-M48T0810PC1	PCDIP-28	64K	8K X 8	100	0 to 70	4.75 to 5.5	16.00
511-M48T0815PC1	PCDIP-28	64K	8K X 8	150	0 to 70	4.75 to 5.5	16.00
511-M48T1810PC1	PCDIP-28	64K	8K X 8	100	0 to 70	4.5 to 5.5	16.00
511-M48T1815PC1	PCDIP-28	64K	8K X 8	150	0 to 70	4.5 to 5.5	16.00

SNAPHAT BATTERY & CRYSTAL FOR TIMEKEEPER STATIC RAMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package Type	Description	Temperature Range (°C)	Nominal Battery Cap. (mAh)	Price Each
					1-99
511-M4T28BR12SH1	SH-28	For SO-28 & 44 Timekeeper SRAMs	0 to 70	48.0	3.10

ZEROPOWER STATIC RAMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each
							1-99
Thru Hole							
511-M48Z0215PC1	PCDIP-24	16K	2K X 8	150	0 to 70	4.75 to 5.5	7.20
511-M48Z0220PC1	PCDIP-24	16K	2K X 8	200	0 to 70	4.75 to 5.5	7.20
511-M48Z1215PC1	PCDIP-24	16K	2K X 8	150	0 to 70	4.5 to 5.5	7.70
511-M48Z1220PC1	PCDIP-24	16K	2K X 8	200	0 to 70	4.5 to 5.5	7.30
511-M48Z0810PC1	PCDIP-28	64K	8K X 8	100	0 to 70	4.75 to 5.5	11.26
511-M48Z0910PC1	PCDIP-28	64K	8K X 8	100	0 to 70	4.75 to 5.5	13.20
511-M48Z1810PC1	PCDIP-28	64K	8K X 8	100	0 to 70	4.5 to 5.5	11.26

SNAPHAT BATTERY & CRYSTAL FOR ZEROPOWER STATIC RAMS

For quantities greater than listed, call for quote.

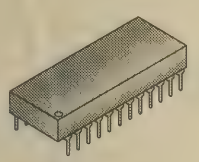
MOUSER STOCK NO.	Package Type	Description	Temperature Range (°C)	Nominal Battery Cap. (mAh)	Price Each
					1-99
511-M4Z28BR00SH1	SH-28	For SO-28 Zeropower SRAMs	0 to 70	48.0	2.72

VERY FAST CMOS STATIC RAMS

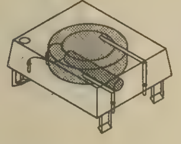
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each
							1-99
Surface Mount							
511-M638032-15E	SO-28	256K	32K X 8	15	0 to 70	4.5 to 5.5	10.81
511-M638032-20E	SO-28	256K	32K X 8	20	0 to 70	4.5 to 5.5	10.35
511-M624256-20E	SO-28	1M	256K X 4	20	0 to 70	4.5 to 5.5	33.44

PCDIP-24



SH-28



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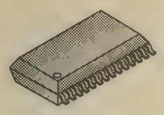

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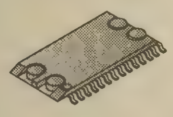

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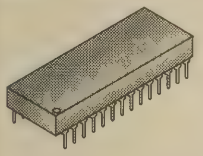

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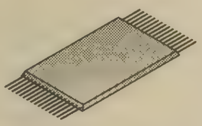
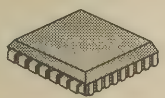
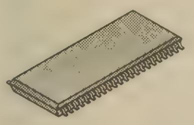


PLCC-32



SO-44



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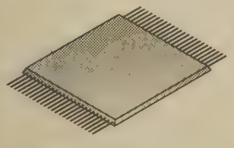
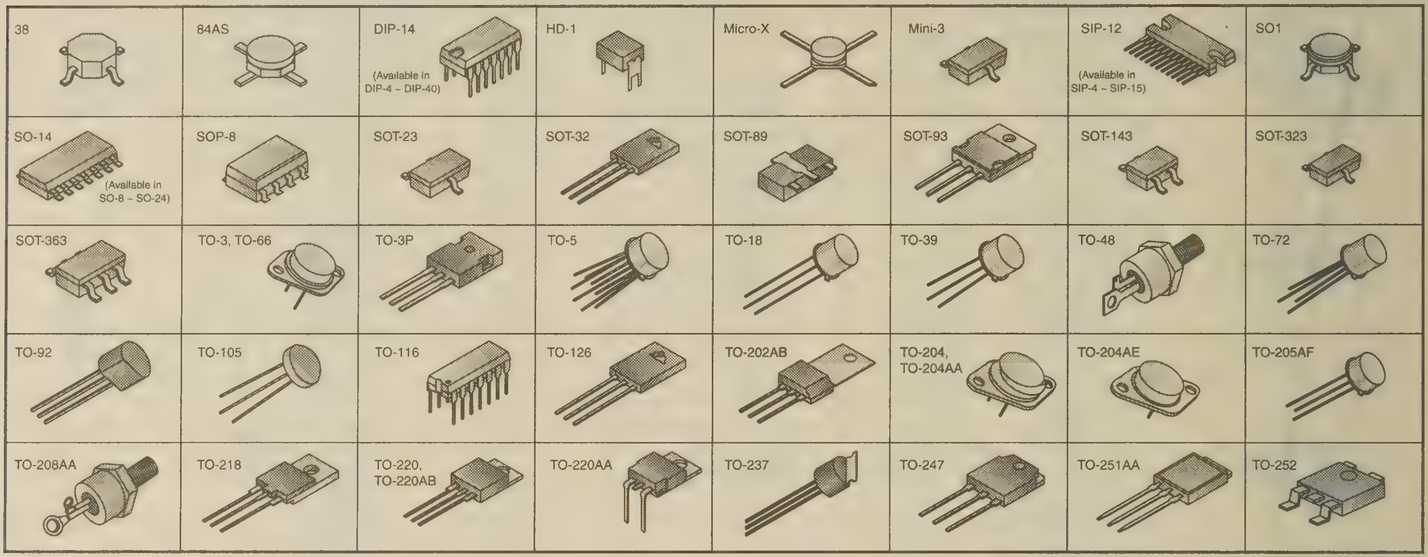


STMicroelectronics
Central Semiconductor Corp.
General Semiconductor®

Transistor, Thyristor, SCR, MOSFET, Hexfet, and Triac Devices

"2N" and Equivalent Devices Sorted by Base Number

Supplier	Prefix
Central Semiconductor	610
EXL Semiconductor	333
General Semiconductor	625
STMicroelectronics	511



◆ **Surface Mount Device**

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N1480	**610-2N1480**	TO-39	NPN Small Signal Power	**1.77**
2N1481	**610-2N1481**	TO-39	NPN Small Signal Power	**1.78**
2N1613	**511-2N1613**	TO-39	NPN General Purpose SS	**0.50**
2N1613	**610-2N1613**	TO-39	NPN General Purpose SS	**0.47**
2N1700	**610-2N1700**	TO-39	NPN Small Signal Power	**1.96**
2N1711	**511-2N1711**	TO-39	NPN General Purpose SS	**0.50**
2N1893	**511-2N1893**	TO-39	NPN General Purpose SS	**0.50**
2N2102	**511-2N2102**	TO-39	NPN General Purpose SS	**0.70**
2N2218A	**610-2N2218A**	TO-39	NPN General Purpose SS	**0.59**
2N2219	**511-2N2219**	TO-39	NPN General Purpose SS	**0.54**
2N2219A	**511-2N2219A**	TO-39	NPN General Purpose SS	**0.56**
2N2222	**511-2N2222**	TO-18	NPN General Purpose SS	**0.44**
2N2222A	**511-2N2222A**	TO-18	NPN General Purpose SS	**0.44**
2N2222A	**610-2N2222A**	TO-18	NPN General Purpose SS	**0.39**
◆ CMPT2222A	**610-CMPT2222A**	SOT-23	NPN General Purpose SS	**0.25**
◆ MMST2222A	**592-MMST2222A**	SOT-23	NPN General Purpose SS	**0.14**
PN2222A	**610-PN2222A**	TO-92	NPN General Purpose SS	**0.18**
◆ SST2222A	**592-SST2222A**	SOT-23	NPN General Purpose SS	**0.10**
◆ UMT2222A	**592-UMT2222A**	SOT-323	NPN General Purpose SS	**0.16**
2N2270	**610-2N2270**	TO-39	NPN High Speed Switch	**0.60**
2N2368	**610-2N2368**	TO-18	NPN Fast Switching SS	**0.55**
2N2369	**511-2N2369**	TO-18	NPN Fast Switching SS	**0.44**
◆ CMPT2369	**610-CMPT2369**	SOT-23	NPN Fast Switching SS	**0.29**
2N2369A	**511-2N2369A**	TO-18	NPN Fast Switching SS	**0.44**
◆ CMPT2369A	**610-CMPT2369**	SOT-23	NPN Fast Switching SS	**0.32**
PN2369A	**610-PN2369A**	TO-92	NPN Fast Switching SS	**0.27**
2N2405	**610-2N2405**	TO-39	NPN Fast Switching SS	**0.53**
2N2484	**610-2N2484**	TO-18	NPN Low Level Small Signal	**0.58**
2N2609	**610-2N2609**	TO-18	P-Channel Junction FET	**1.65**
MPS2712	**592-MPS2712**	TO-92	NPN General Purpose SS	**0.22**
2N2845	**610-2N2845**	TO-18	NPN Fast Switching SS	**0.99**
2N2857	**610-2N2857**	TO-72	NPN VHF/UHF AM	**1.66**
2N2904A	**610-2N2904A**	TO-39	PNP General Purpose SS	**0.64**
2N2905	**511-2N2905**	TO-39	PNP General Purpose SS	**0.54**
2N2905A	**511-2N2905A**	TO-39	PNP General Purpose SS	**0.56**
2N2905A	**610-2N2905A**	TO-39	PNP General Purpose SS	**0.62**
2N2906A	**610-2N2906A**	TO-18	PNP General Purpose SS	**0.59**
2N2907	**511-2N2907**	TO-18	PNP General Purpose SS	**0.40**
2N2907A	**511-2N2907A**	TO-18	PNP General Purpose SS	**0.40**
◆ MMST2907A	**592-MMST2907A**	SOT-23	PNP General Purpose SS	**0.16**
◆ RXT2907A	**592-RXT2907A**	SOT-89	PNP General Purpose SS	**0.38**
◆ SST2907A	**592-SST2907A**	SOT-23	PNP General Purpose SS	**0.10**
◆ UMT2907A	**592-UMT2907A**	SOT-323	PNP General Purpose SS	**0.16**
2N2907A	**610-2N2907A**	TO-18	PNP General Purpose SS	**0.37**
◆ CMPT2907A	**610-CMPT2907A**	SOT-23	PNP General Purpose SS	**0.25**
PN2907A	**610-PN2907A**	TO-92	PNP General Purpose SS	**0.18**

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
MPS2907A	**625-MPS2907A**	TO-92	PNP General Purpose SS	**0.16**
◆ MMBT2907A	**625-MMBT2907A**	SOT-23	PNP General Purpose SS	**0.15**
2N2923	**610-2N2923**	TO-92	NPN General Purpose SS	**0.28**
2N2924	**610-2N2924**	TO-92	NPN General Purpose SS	**0.28**
2N2925	**610-2N2925**	TO-92	NPN General Purpose SS	**0.33**
MJE2955T	**511-MJE2955T**	TO-220	PNP General Purpose Power	**0.62**
TIP2955	**333-TIP2955**	TO-3P	PNP General Purpose Power	**1.27**
TIP2955	**511-TIP2955**	TO-218	PNP General Purpose Power	**1.26**
2N3014	**610-2N3014**	TO-18	NPN Fast Switch Small Signal	**0.80**
2N3019	**511-2N3019**	TO-39	NPN General Purpose SS	**0.64**
2N3020	**610-2N3020**	TO-39	NPN General Purpose SS	**0.61**
2N3053	**610-2N3053**	TO-39	NPN General Purpose SS	**0.67**
2N3055	**511-2N3055**	TO-3	NPN Power Switch	**1.24**
MJE3055T	**511-MJE3055T**	TO-220	NPN General Purpose Power	**0.62**
TIP3055	**333-TIP3055**	TO-3P	NPN General Purpose Power	**1.36**
TIP3055	**511-TIP3055**	TO-218	NPN General Purpose Power	**1.26**
2N3107	**610-2N3107**	TO-39	NPN General Purpose SS	**1.75**
2N3108	**610-2N3108**	TO-39	NPN General Purpose SS	**0.79**
2N3110	**610-2N3110**	TO-39	NPN General Purpose SS	**0.85**
2N3114	**610-2N3114**	TO-39	NPN High Voltage	**0.99**
2N3117	**610-2N3117**	TO-18	NPN Low Level Small Signal	**1.36**
2N3250	**610-2N3250**	TO-18	PNP General Purpose Switch	**0.60**
PN3250	**592-PN3250**	TO-92	PNP General Purpose Switch	**0.12**
PN3250A	**592-PN3250A**	TO-92	PNP General Purpose Switch	**0.12**
PN3251	**592-PN3251**	TO-92	PNP General Purpose Switch	**0.12**
PN3251A	**592-PN3251A**	TO-92	PNP General Purpose Switch	**0.12**
2N3301	**610-2N3301**	TO-18	NPN General Purpose SS	**0.71**
2N3302	**610-2N3302**	TO-18	NPN General Purpose SS	**0.67**
2N3391A	**610-2N3391A**	TO-92	NPN General Purpose SS	**0.32**
2N3392	**610-2N3392**	TO-92	NPN General Purpose SS	**0.19**
MPS3392	**610-MPS3392**	TO-92	NPN General Purpose SS	**0.41**
2N3393	**610-2N3393**	TO-92	NPN General Purpose SS	**0.32**
MPS3393	**610-MPS3393**	TO-92	NPN General Purpose SS	**0.35**
MPS3394	**592-MPS3394**	TO-92	NPN General Purpose SS	**0.12**
2N3415	**610-2N3415**	TO-92	NPN Medium Power	**0.18**
2N3416	**610-2N3416**	TO-92	NPN Medium Power	**0.23**
2N3417	**610-2N3417**	TO-92	NPN General Purpose SS	**0.18**
2N3420	**610-2N3420**	TO-39	NPN Power Switch	**2.65**
2N3421	**610-2N3421**	TO-39	NPN Power Switch	**2.65**
2N3439	**511-2N3439**	TO-39	NPN Power Switch	**0.68**
2N3440	**511-2N3440**	TO-39	NPN Power Switch	**0.64**
2N3442	**610-2N3442**	TO-3	NPN Power Switch	**2.19**
2N3501	**610-2N3501**	TO-39	NPN General Purpose SS	**2.16**
2N3502	**610-2N3502**	TO-39	PNP General Purpose SS	**0.74**
2N3503	**610-2N3503**	TO-39	PNP General Purpose SS	**0.74**
2N3504	**610-2N3504**	TO-18	PNP General Purpose SS	**0.60**

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Central Semiconductor Corp.

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Transistor, Thyristor, SCR, MOSFET, Hexfet, and Triac Devices

"2N" and Equivalent Devices Sorted by Base Number

Supplier	Prefix
Central Semiconductor	610
General Semiconductor	625
STMicroelectronics	511

♦ Surface Mount Device

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N3505	610-2N3505	TO-18	PNP General Purpose SS	0.60
PN3564	592-PN3564	TO-92	NPN High Frequency Switch	0.17
PN3565	610-PN3565	TO-92	NPN Low Level Small Signal	0.32
PN3566	610-PN3566	TO-92	NPN General Purpose Switch	0.54
PN3567	610-PN3567	TO-92	NPN Medium Power	0.41
PN3569	610-PN3569	TO-92	NPN Medium Power	0.20
2N3583	610-2N3583	TO-66	NPN High Power Amp	3.52
2N3584	610-2N3584	TO-66	NPN High Power Amp	3.52
2N3585	610-2N3585	TO-66	NPN High Power Amp	3.52
PN3638A	610-PN3638A	TO-92	PNP General Purpose SS	0.35
PN3640	610-PN3640	TO-92	PNP Switching Transistor	0.44
PN3643	610-PN3643	TO-92	NPN General Purpose Switch	0.25
PN3644	610-PN3644	TO-92	PNP General Purpose Switch	0.31
PN3645	610-PN3645	TO-92	PNP General Purpose Switch	0.38
2N3669	610-2N3669	TO-3	16 Amp 200 Voltage SCR	7.20
2N3670	610-2N3670	TO-3	16 Amp 400 Voltage SCR	9.58
2N3700	511-2N3700	TO-18	NPN General Purpose SS	0.64
2N3702	610-2N3702	TO-92	PNP General Purpose Switch	.034
2N3703	610-2N3703	TO-92	PNP General Purpose Switch	0.33
2N3704	610-2N3704	TO-92	PNP General Purpose Switch	0.34
MPS3704	610-MPS3704	TO-92	NPN General Purpose Switch	0.37
2N3705	610-2N3705	TO-92	PNP General Purpose Switch	0.34
2N3706	610-2N3706	TO-92	PNP General Purpose Switch	0.33
MPS3706	610-MPS3706	TO-92	NPN General Purpose SS	0.24
2N3707	610-2N3707	TO-92	NPN General Purpose SS	0.33
MPS3707	592-MPS3707	TO-92	NPN General Purpose SS	0.12
2N3708	610-2N3708	TO-92	NPN General Purpose SS	0.30
MPS3708	592-MPS3708	TO-92	NPN General Purpose SS	0.12
MPS3710	592-MPS3710	TO-92	NPN General Purpose SS	0.12
2N3711	610-2N3711	TO-92	NPN General Purpose SS	0.33
2N3713	610-2N3713	TO-3	NPN General Purpose Power	1.92
2N3714	610-2N3714	TO-3	NPN General Purpose Power	1.80
2N3715	610-2N3715	TO-3	NPN General Purpose Power	1.92
2N3716	610-2N3716	TO-3	NPN General Purpose Power	1.92
2N3724	610-2N3724A	TO-39	NPN Fast Switch Small Signal	0.97
2N3771	511-2N3771	TO-3	NPN Power Switch	2.26
2N3772	511-2N3772	TO-3	NPN Power Switch	2.34
2N3773	610-2N3773	TO-3	NPN Power Switch	2.96
2N3789	610-2N3789	TO-3	PNP General Purpose Power	1.98
2N3790	610-2N3790	TO-3	PNP General Purpose Power	1.98
2N3791	610-2N3791	TO-3	PNP General Purpose Power	1.98
2N3792	610-2N3792	TO-3	NPN Power Switch	2.24
2N3819	610-2N3819	TO-92	2mA 25V N-Ch FET RF Amp	0.55
2N3839	610-2N3839	TO-72	NPN VHF/UHF AMP	1.66
2N3860	610-2N3860	TO-92	NPN General Purpose SS	0.33
2N3866	610-2N3866	TO-92	NPN VHF/UHF AMP	1.50
2N3903	610-2N3903	TO-92	NPN General Purpose SS	0.18
2N3904	625-2N3904	TO-92	NPN General Purpose SS	0.10
♦ CMPT3904	610-CMPT3904	SOT-23	NPN General Purpose SS	0.25
♦ MMBT3904	625-MMBT3904	SOT-23	NPN General Purpose SS	0.10
♦ MMST3904	592-MMST3904	SOT-23	NPN General Purpose SS	0.11
♦ SST3904	592-SST3904	SOT-23	NPN General Purpose SS	0.08
♦ UMT3904	592-UMT3904	SOT-323	NPN General Purpose SS	0.13
2N3905	610-2N3905	TO-92	PNP General Purpose SS	0.21
2N3906	625-2N3906	TO-92	PNP General Purpose SS	0.10
♦ CMPT3906	610-CMPT3906	SOT-23	PNP General Purpose SS	0.24
♦ MMBT3906	625-MMBT3906	SOT-23	PNP General Purpose SS	0.10
♦ MMST3906	592-MMST3906	SOT-23	PNP General Purpose SS	0.11
♦ SST3906	592-SST3906	SOT-23	PNP General Purpose SS	0.08
♦ UMT3906	592-UMT3906	SOT-323	PNP General Purpose SS	0.12
♦ CXT3906	610-CXT3906	SOT-89	PNP General Purpose SS	0.56
2N3962	610-2N3962	TO-18	PNP Low Level Small Signal	0.83
2N4013	610-2N4013	TO-18	NPN High Current Switch	1.09
2N4014	511-2N4014	TO-18	NPN High Current Switch	0.96
2N4030	610-2N4030	TO-39	PNP General Purpose SS	0.93
2N4032	610-2N4032	TO-39	PNP General Purpose SS	0.78
2N4033	511-2N4033	TO-39	PNP General Purpose SS	0.76
2N4036	511-2N4036	TO-39	PNP General Purpose SS	0.80
2N4037	610-2N4037	TO-39	PNP General Purpose SS	0.93
2N4124	625-2N4124	TO-92	NPN General Purpose SS	0.09
2N4126	625-2N4126	TO-92	PNP General Purpose SS	0.09
♦ SST4126	592-SST4126	SOT-23	PNP General Purpose SS	0.17

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
PN4143	592-PN4143	TO-92	PNP General Purpose Switch	0.12
2N4208	610-2N4208	TO-18	PNP Saturated Switch	1.51
2N4234	610-2N4234	TO-39	PNP General Purpose SS	1.88
2N4237	610-2N4237	TO-39	NPN General Purpose SS	2.20
2N4238	610-2N4238	TO-39	NPN General Purpose SS	2.73
PN4249	610-PN4249	TO-92	PNP Low Level Switch	0.38
PN4250A	610-PN4250A	TO-92	PNP Low Level Switch	0.24
PN4355	610-PN4355	TO-92	PNP General Purpose Switch	0.28
PN4356	610-PN4356	TO-92	PNP General Purpose Switch	0.28
2N4392	610-2N4392	TO-18	25mA 40V N-Ch FET Switch	1.28
2N4393	610-2N4393	TO-18	5mA 40V N-Ch FET Switch	1.11
2N4398	610-2N4398	TO-3	PNP Power Switch	2.80
2N4399	610-2N4399	TO-3	PNP Power Switch	2.80
♦ MMST4401	592-MMST4401	SOT-23	NPN General Purpose SS	0.14
♦ SST4401	592-SST4401	SOT-23	NPN General Purpose SS	0.13
♦ UMT4401	592-UMT4401	SOT-323	NPN General Purpose SS	0.16
2N4401	610-2N4401	TO-92	NPN General Purpose SS	0.19
♦ CMPT4401	610-CMPT4401	SOT-23	NPN General Purpose SS	0.28
2N4401	625-2N4401	TO-92	NPN General Purpose SS	0.16
♦ MMBT4401	625-MMBT4401	SOT-23	NPN General Purpose SS	0.15
♦ MMBT4403	592-MMBT4403	SOT-23	PNP General Purpose SS	0.14
♦ SST4403	592-SST4403	SOT-23	PNP General Purpose SS	0.13
♦ UMT4403	592-UMT4403	SOT-323	PNP General Purpose SS	0.20
2N4403	610-2N4403	TO-92	PNP General Purpose SS	0.19
♦ CMPT4403	610-CMPT4403	SOT-23	PNP General Purpose SS	0.28
2N4403	625-2N4403	TO-92	PNP General Purpose SS	0.16
2N4410	610-2N4410	TO-92	NPN General Purpose SS	0.33
2N4416A	610-2N4416A	TO-72	5mA 35V N-Ch FET RF Amp	1.11
2N4424	610-2N4424	TO-92	NPN General Purpose SS	0.22
2N4427	610-2N4427	TO-39	NPN VHF/UHF AM	2.07
2N4895	610-2N4895	TO-39	NPN Power Switch	3.12
2N4896	511-2N4896	TO-39	NPN Power Switch	1.68
2N4904	610-2N4904	TO-3	PNP General Purpose Power	1.54
2N4918	610-2N4918	TO-126	PNP Medium Power	0.55
2N4920	610-2N4920	TO-126	PNP Medium Power	0.60
PN4917	610-PN4917	TO-92	PNP General Purpose Switch	0.38
2N4923	610-2N4923	TO-126	NPN Medium Power	0.60
2N5038	511-2N5038	TO-3	NPN Power Switch	3.20
2N5060	610-2N5060	TO-92	0.8 Amp 30 Voltage SCR	0.39
2N5061	610-2N5061	TO-92	0.8 Amp 50 Voltage SCR	0.40
2N5062	610-2N5062	TO-92	0.8 Amp 100 Voltage SCR	0.40
2N5063	610-2N5063	TO-92	0.8 Amp 150 Voltage SCR	0.43
2N5064	610-2N5064	TO-92	0.8 Amp 200 Voltage SCR	0.44
2N5086	610-2N5086	TO-92	PNP General Purpose SS	0.26
♦ CMPT5086	610-CMPT5086	SOT-23	PNP General Purpose SS	0.28
2N5087	610-2N5087	TO-92	PNP General Purpose SS	0.26
♦ CMPT5087	610-CMPT5087	SOT-23	PNP General Purpose SS	0.28
2N5088	610-2N5088	TO-92	NPN General Purpose SS	0.26
♦ CMPT5088	610-CMPT5088	SOT-23	NPN General Purpose SS	0.28
2N5089	610-2N5089	TO-92	NPN General Purpose SS	0.26
♦ CMPT5089	610-CMPT5089	SOT-23	NPN General Purpose SS	0.28
2N5109	610-2N5109	TO-39	NPN Wideband AM	1.66
PN5138	610-PN5138	TO-92	PNP General Purpose Switch	0.32
PN5139	610-PN5139	TO-92	PNP General Purpose Switch	0.20
2N5154	610-2N5154	TO-39	NPN Power Switch	3.45
2N5172	610-2N5172	TO-92	NPN General Purpose SS	0.28
2N5179	610-2N5179	TO-72	NPN VHF Amp Small Signal	0.74
2N5191	511-2N5191	TO-126	NPN Power Switch	0.50
2N5192	511-2N5192	TO-126	NPN Power Switch	0.52
2N5195	511-2N5195	TO-126	PNP Power Switch	0.52
2N5209	610-2N5209	TO-92	NPN General Purpose SS	0.33
2N5210	610-2N5210	TO-92	NPN General Purpose SS	0.28
2N5225	610-2N5225	TO-92	NPN General Purpose SS	0.36
2N5226	610-2N5226	TO-92	PNP General Purpose SS	0.32
2N5232A	610-2N5232A	TO-92	NPN General Purpose SS	0.33
2N5298	610-2N5298	TO-220	NPN General Purpose Power	0.86
2N5301	610-2N5301	TO-3	NPN High Power Amp	3.40
2N5303	610-2N5303	TO-3	NPN High Power Amp	3.40
2N5306	610-2N5306	TO-92	NPN Darlington Amp	0.23
MPS5306	610-MPS5306	TO-92	NPN Darlington Amp	0.26
2N5308	610-2N5308	TO-92	NPN Darlington Amp	0.33

STMicroelectronics
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Supplier	Prefix
Central Semiconductor	610
EXL Semiconductor	333
General Semiconductor	625
STMicroelectronics	511

"2N" and Equivalent Devices Sorted by Base Number

♦ Surface Mount Device

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N5320	511-2N5320	TO-39	NPN General Purpose SS	0.76
2N5321	511-2N5321	TO-39	NPN General Purpose SS	0.72
2N5322	511-2N5322	TO-39	PNP General Purpose SS	0.76
2N5323	511-2N5323	TO-39	PNP General Purpose SS	0.72
2N5366	610-2N5366	TO-92	PNP Switching Amp	0.21
2N5400	610-2N5400	TO-92	PNP General Purpose Amp	0.19
2N5401	610-2N5401	TO-92	PNP General Purpose Amp	0.19
♦ CMPT5401	610-CMPT5401	SOT-23	PNP General Purpose Amp	0.43
2N5415	511-2N5415	TO-39	PNP Power Switch	0.80
2N5416	511-2N5416	TO-39	PNP Power Switch	0.86
2N5460	610-2N5460	TO-92	1mA 40V P-Chan Junction FET	0.36
2N5484	610-2N5484	TO-92	1mA 25V N-Chan FET RF Amp	0.55
2N5485	610-2N5485	TO-92	4mA 25V N-Chan FET RF Amp	0.39
2N5486	610-2N5486	TO-92	8mA 25V N-Chan FET RF Amp	0.39
2N5550	610-2N5550	TO-92	NPN General Purpose SS	0.22
2N5551	610-2N5551	TO-92	NPN General Purpose SS	0.25
♦ CMPT5551	610-CMPT5551	SOT-23	NPN General Purpose SS	0.40
2N5629	610-2N5629	TO-3	NPN High Power	2.38
2N5657	511-2N5657	TO-126	NPN Fast Switch Power	0.64
2N5681	511-2N5681	TO-39	NPN Power Switch	1.28
2N5682	511-2N5682	TO-39	NPN Power Switch	1.28
2N5770	610-2N5770	TO-92	NPN RF Amp/Oscillator	0.37
2N5772	610-2N5772	TO-92	NPN General Purpose SS	0.33
2N5785	610-2N5785	TO-39	NPN Switching Small Signal	1.32
2N5818	610-2N5818	TO-92	NPN General Purpose SS	0.29
2N5819	610-2N5819	TO-92	PNP Medium Power	0.32
2N5878	610-2N5878	TO-3	NPN General Purpose Amp	1.42
2N5881	333-2N5881	TO-3	NPN Power Switch	1.97
2N5882	333-2N5882	TO-3	NPN Power Switch	2.02
2N5883	333-2N5883	TO-3	PNP Power Switch	2.60
2N5884	610-2N5884	TO-3	PNP Power Switch	3.43
2N5885	333-2N5885	TO-3	NPN Power Switch	2.60
2N5885	610-2N5885	TO-3	NPN Power Switch	3.29
2N5886	511-2N5886	TO-3	NPN Power Switch	2.98
2N5961	610-2N5961	TO-92	NPN Low Level SS Switch	0.45
2N5962	610-2N5962	TO-92	NPN General Purpose SS	0.25
2N6027	610-2N6027	TO-92	Programmable Unijunction	0.40
2N6028	610-2N6028	TO-92	Programmable Unijunction	0.48
2N6029	610-2N6029	TO-3	PNP General Purpose Power	3.77
2N6034	610-2N6034	TO-126	PNP Darlington	0.55
2N6035	610-2N6035	TO-126	PNP Darlington	0.53
2N6036	511-2N6036	TO-126	PNP Darlington	0.52
2N6037	610-2N6037	TO-126	NPN Darlington	0.53
2N6038	610-2N6038	TO-126	NPN Darlington	0.53
2N6039	610-2N6039	TO-126	NPN Darlington	0.60
2N6040	610-2N6040	TO-220	PNP Darlington Switch	1.33
2N6041	610-2N6041	TO-220	PNP Darlington Switch	1.03
2N6042	610-2N6042	TO-220	PNP Darlington Switch	1.05
2N6043	610-2N6043	TO-220	NPN Darlington Switch	0.92
2N6044	610-2N6044	TO-220	NPN Darlington	1.15
2N6045	610-2N6045	TO-220	NPN Darlington Switch	1.33
2N6050	610-2N6050	TO-3	PNP Darlington Power	1.99
2N6051	610-2N6051	TO-3	PNP Darlington	1.94
2N6052	610-2N6052	TO-3	PNP Darlington	1.99
2N6055	610-2N6055	TO-3	NPN Darlington	2.60
2N6057	610-2N6057	TO-3	NPN Darlington	2.26
2N6059	511-2N6059	TO-3	NPN Darlington	1.90
2N6099	610-2N6099	TO-220	NPN General Purpose Power	1.06
2N6107	610-2N6107	TO-220	PNP Medium Power	0.78
2N6109	610-2N6109	TO-220	PNP Medium Power	0.66
2N6111	511-2N6111	TO-220	PNP Medium Power	0.60
2N6123	610-2N6123	TO-220	NPN Medium Power	0.80
2N6124	610-2N6124	TO-220AB	PNP Medium Power	0.77
2N6125	610-2N6125	TO-220	PNP Medium Power	0.58
2N6126	610-2N6126	TO-220	PNP Medium Power	0.86

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
2N6284	511-2N6284	TO-3	NPN Darlington Switch	3.84
2N6287	511-2N6287	TO-3	PNP Darlington Switch	3.16
2N6288	610-2N6288	TO-220	NPN Power Switch	0.57
2N6290	610-2N6290	TO-220	NPN Power Switch	0.85
2N6292	610-2N6292	TO-220	NPN Power Switch	0.71
2N6384	610-2N6384	TO-3	NPN Power Darlington	2.45
2N6386	610-2N6386	TO-220	NPN Power Darlington	0.73
2N6387	610-2N6387	TO-220	NPN Power Darlington	0.74
2N6388	511-2N6388	TO-220	NPN Power Darlington	0.66
2N6426	610-2N6426	TO-92	NPN Darlington Amp	0.33
2N6427	610-2N6427	TO-92	NPN Darlington Amp	0.33
2N6476	610-2N6476	TO-220AB	PNP Medium Power	1.18
2N6486	610-2N6486	TO-220	NPN Medium Power	0.73
2N6487	511-2N6487	TO-220	NPN Medium Power	0.62
2N6488	511-2N6488	TO-220	NPN Medium Power	0.64
2N6490	511-2N6490	TO-220	PNP Medium Power	0.70
2N6491	610-2N6491	TO-220	PNP Medium Power	0.73
2N6497	333-2N6497	TO-220	NPN High Voltage Switch	1.15
2N6499	333-2N6499	TO-220	NPN High Voltage Switch	2.23
MPS6513	592-MPS6513	TO-92	NPN General Purpose SS	0.12
MPS6515	610-MPS6515	TO-92	NPN General Purpose Switch	0.27
MPS6517	610-MPS6517	TO-92	PNP General Purpose SS	0.28
MPS6519	610-MPS6519	TO-92	PNP General Purpose SS	0.29
MPS6520	610-MPS6520	TO-92	NPN General Purpose SS	0.23
MPS6521	610-MPS6521	TO-92	NPN General Purpose SS	0.36
MPS6522	592-MPS6522	TO-92	NPN General Purpose Switch	0.12
MPS6531	610-MPS6531	TO-92	NPN General Purpose Switch	0.29
MPS6532	592-MPS6532	TO-92	NPN General Purpose SS	0.12
MPS6534	610-MPS6534	TO-92	PNP General Purpose SS	0.29
MPS6535	592-MPS6535	TO-92	PNP General Purpose SS	0.12
2N6543	610-2N6543	TO-3	NPN Power Switch	2.48
2N6544	333-2N6544	TO-3	NPN Power Switch	3.67
2N6545	610-2N6545	TO-3	NPN Power Switch	3.85
2N6546	333-2N6546	TO-3	NPN Power Switch	5.02
2N6547	511-2N6547	TO-3	NPN Power Switch	4.20
MPS6562	610-MPS6562	TO-92	PNP Medium Power	0.27
MPS6566	592-MPS6566	TO-92	NPN General Purpose SS	0.12
2N6650	610-2N6650	TO-3	PNP Power Darlington	1.98
2N6714	610-2N6714	TO-237	NPN Medium Power	0.41
2N6715	610-2N6715	TO-237	NPN Medium Power	0.73
2N6716	610-2N6716	TO-237	NPN Medium Power	0.41
2N6724	610-2N6724	TO-237	NPN Darlington	0.67
2N6725	610-2N6725	TO-237	NPN Darlington	0.67
2N6727	610-2N6727	TO-237	PNP Darlington	0.44
2N681	610-2N681	TO-48	25 Amp 25 Voltage Thyristor	9.08
2N682	610-2N682	TO-48	25 Amp 50 Voltage Thyristor	9.08
2N683	610-2N683	TO-48	25 Amp 100 Voltage Thyristor	9.08
2N685	610-2N685	TO-48	25 Amp 200 Voltage Thyristor	9.08
2N686	610-2N686	TO-48	25 Amp 250 Voltage Thyristor	9.08
2N687	610-2N687	TO-48	25 Amp 300 Voltage Thyristor	9.85
2N688	610-2N688	TO-48	25 Amp 400 Voltage Thyristor	9.85
2N689	610-2N689	TO-48	25 Amp 500 Voltage Thyristor	9.85
2N697A	610-2N697A	TO-39	NPN Medium Power	0.99
2N7000	625-2N7000	TO-92	0.2A 60V N-Channel MOSFET	0.23
♦ 2N7002	625-2N7002	SOT-23	0.25A 60V N-Channel MOSFET	0.25
2N706A	610-2N706A	TO-18	NPN Fast Switch Small Signal	0.52
2N708	610-2N708	TO-18	NPN Fast Switch Small Signal	0.71
2N718A	610-2N718A	TO-18	NPN General Purpose SS	0.58
2N720A	511-2N720A	TO-18	NPN General Purpose SS	0.78
MPS8097	610-MPS8097	TO-92	PNP General Purpose SS	0.20
2N918	610-2N918	TO-72	NPN VHF Oscillator SS	0.97
♦ CMPT918	610-CMPT918	SOT-23	NPN General Purpose Switch	0.34
PN918	610-PN918	TO-92	NPN General Purpose Switch	0.29
2N930B	610-2N930B	TO-18	NPN General Purpose SS	0.55

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Harris Semiconductor	570
STMicroelectronics	511

♦ **Surface Mount Device**

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
40347	**610-40347**	TO-39	NPN High Voltage Switch	1.89
BC327	**333-BC327**	TO-92	PNP Small Signal Audio Amp	0.11
BC328-16	**625-BC328-16**	TO-92	PNP Small Signal Audio Amp	0.11
BC337	**625-BC337-16**	TO-92	NPN Small Signal Audio Amp	0.10
BC338-16	**625-BC338-16**	TO-92	NPN Small Signal Audio Amp	0.10
BC546A	**625-BC546A**	TO-92	NPN Small Signal High Gain	0.08
BC547A	**625-BC547A**	TO-92	NPN Small Signal Audio Amp	0.08
BC548A	**625-BC548A**	TO-92	NPN Small Signal Audio Amp	0.08
BC549A	**625-BC549B**	TO-92	NPN Small Signal Audio Amp	0.08
BC556A	**625-BC556A**	TO-92	PNP Small Signal High Gain	0.08
BC557	**625-BC557A**	TO-92	NPN Small Signal Audio Amp	0.08
BC558A	**625-BC558A**	TO-92	NPN Small Signal Audio Amp	0.08
BC559B	**625-BC559B**	TO-92	NPN Small Signal Audio Amp	0.08
♦ BC808-16	**625-BC808-16**	SOT-23	PNP General Purpose SS	0.12
♦ BC818-16	**625-BC818-16**	SOT-23	NPN General Purpose SS	0.11
♦ BC846A	**625-BC846A**	SOT-23	NPN High Gain SS	0.08
♦ BC847A	**625-BC847A**	SOT-23	NPN High Gain SS	0.08
♦ BC848A	**625-BC848A**	SOT-23	NPN High Gain SS	0.08
♦ BC856A	**625-BC856A**	SOT-23	PNP High Gain SS	0.08
♦ BC857A	**625-BC857A**	SOT-23	PNP High Gain SS	0.08
♦ BC858A	**625-BC858A**	SOT-23	PNP High Gain SS	0.08
BD237	**511-BD237**	SOT-32	NPN General Purpose	0.54
BD537	**511-BD537**	TO-220	NPN General Purpose	0.78
BDW93C	**511-BDW93C**	TO-220	NPN Power Darlington	0.74
BDW94C	**511-BDW94C**	TO-220	PNP Power Darlington	0.74
BF459	**511-BF459**	SOT-32	NPN High Voltage	0.62
BS170	**625-BS170**	TO-92	0.3A 60V N-CH MOSFET	0.25
BS250	**625-BS250**	TO-92	0.25A 60V P-CH MOSFET	1.14
BU208A	**511-BU208A**	TO-3	NPN Horizontal Deflection	2.72
BU406	**511-BU406**	TO-220	NPN Darlington	1.42
BU407	**511-BU407**	TO-220	NPN General Purpose	1.36
BU508A	**511-BU508A**	TO-218	NPN General Purpose	2.46
BU806	**511-BU806**	TO-218	NPN Darlington	1.30
BU931P	**511-BU931P**	SOT-93	NPN Darlington	1.98
BU941	**511-BU941**	TO-3	NPN Darlington	2.60
BUF420	**511-BUF420**	TO-218	NPN Fast Switching	6.72
BUF420A	**511-BUF420A**	TO-218	NPN Fast Switching	6.78
BUV26	**511-BUV26**	TO-218	NPN Fast Switching	1.78
BUV48A	**511-BUV48A**	TO-218	NPN Power Switching	3.64
BUX98AP	**511-BUX98AP**	TO-218	NPN High Voltage Switch	11.60
BUZ10	**511-BUZ10**	TO-220AB	23A 50V N-Channel MOSFET	0.88
BUZ11	**511-BUZ11**	TO-220AB	33A 50V N-Channel MOSFET	1.10
BUZ11A	**511-BUZ11A**	TO-220AB	26A 50V N-Channel MOSFET	1.04
BUZ71	**511-BUZ71**	TO-220AB	17A 50V N-Channel MOSFET	0.66
BUZ74A	**511-BUZ71A**	TO-220AB	30A 50V N-Channel MOSFET	0.62
♦ CMPT2222A	**610-CMPT2222A**	SOT-23	NPN General Purpose SS	0.25
♦ CMPT2369	**610-CMPT2369**	SOT-23	NPN Fast Switching Sm Signal	0.29
♦ CMPT2907A	**610-CMPT2907A**	SOT-23	PNP General Purpose SS	0.25
♦ CMPT3904	**610-CMPT3904**	SOT-23	NPN General Purpose SS	0.25
♦ CMPT3906	**610-CMPT3906**	SOT-23	PNP General Purpose SS	0.24
♦ CMPT4401	**610-CMPT4401**	SOT-23	PNP General Purpose SS	0.28
♦ CMPT4403	**610-CMPT4403**	SOT-23	PNP General Purpose SS	0.28
♦ CMPT5087	**610-CMPT5087**	SOT-23	PNP General Purpose SS	0.28
♦ CMPT5088	**610-CMPT5088**	SOT-23	NPN General Purpose SS	0.28
♦ CMPT5089	**610-CMPT5089**	SOT-23	NPN General Purpose SS	0.28
♦ CMPT5401	**610-CMPT5401**	SOT-23	PNP General Purpose	0.43
♦ CMPT5551	**610-CMPT5551**	SOT-23	NPN General Purpose SS	0.40
♦ CMPTA06	**610-CMPTA06**	SOT-23	NPN Medium Power	0.15
♦ CMPTA13	**610-CMPTA13**	SOT-23	NPN Darlington Amp	0.31
♦ CMPTA14	**610-CMPTA14**	SOT-23	NPN Darlington Amp	0.31
♦ CMPTA42	**610-CMPTA42**	SOT-23	NPN Small Signal	0.28
♦ CMPTA56	**610-CMPTA56**	SOT-23	PNP Medium Power	0.15
♦ CMPTA63	**610-CMPTA63**	SOT-23	PNP Darlington Amp	0.40
♦ CMPTA64	**610-CMPTA64**	SOT-23	PNP Darlington Amp	0.35
♦ CMPTA92	**610-CMPTA92**	SOT-23	PNP General Purpose SS	0.28
♦ CMPTH10	**610-CMPTH10**	SOT-23	NPN RF Amp/Oscillator	0.25
CS92B	**610-CS92B**	TO-92	0.8A 200V SCR	0.49
CS92D	**610-CS92D**	TO-92	0.8A 400V SCR	0.54
♦ CXT3906	**610-CXT3906**	SOT-89	PNP General Purpose SS	0.56
D44H11	**511-D44H11**	TO-220	NPN General Purpose Power	0.88
D45H5	**511-D45H5**	TO-220	PNP General Purpose Power	0.80
D45H11	**511-D45H11**	TO-220	PNP General Purpose Power	0.90
♦ DTA114TK	**592-DTA114TK**	SC-59	PNP 100mA 10K/Open	0.11
♦ DTA114YK	**592-DTA114YK**	SC-59	PNP 100mA 10K/50K	0.11
♦ DTA123EK	**592-DTA123EK**	SC-59	PNP 100mA 2.2K/2.2K	0.11
♦ DTA123JK	**592-DTA123JK**	SC-59	PNP 100mA 2.2K/47K	0.11
♦ DTA124EK	**592-DTA124EK**	SC-59	PNP 100mA 22K/22K	0.11
♦ DTA143EK	**592-DTA143EK**	SC-59	PNP 100mA 4.7K/4.7K	0.11

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
♦ DTA143ZK	**592-DTA143ZK**	SC-59	PNP 100mA 4.7K/4.7K	0.11
♦ DTA144EK	**592-DTA144EK**	SC-59	PNP 100mA 47K/47K	0.11
♦ DTC114EK	**592-DTC114EK**	SC-59	NPN 100mA 10K/10K	0.11
♦ DTC114YK	**592-DTC114YK**	SC-59	NPN 100mA 10K/50K	0.11
♦ DTC123JK	**592-DTC123JK**	SC-59	NPN 100mA 2.2K/47K	0.11
♦ DTC124EK	**592-DTC124EK**	SC-59	NPN 100mA 22K/22K	0.11
♦ DTC143EK	**592-DTC143EK**	SC-59	NPN 100mA 4.7K/4.7K	0.11
♦ DTC143TK	**592-DTC143TK**	SC-59	NPN 100mA 4.7K/Open	0.11
♦ DTC143ZK	**592-DTC143ZK**	SC-59	NPN 100mA 4.7K/47K	0.11
♦ DTC144EK	**592-DTC144EK**	SC-59	NPN 100mA 47K/47K	0.11
♦ DTC144WK	**592-DTC144WK**	SC-59	NPN 100mA 47K/23.5K	0.18
♦ ESDA6V1S3	**511-ESDA6V1S3**	SO-20	18 Unidirectional Trisil	1.45
♦ GF4410	**625-GF4410**	SO-8	10A 30V N-Channel MOSFET	0.84
♦ GF4412	**625-GF4412**	SO-8	7A 30V N-Channel MOSFET	0.84
♦ GF4420	**625-GF4420**	SO-8	12.5A 30V N-Channel MOSFET	1.20
♦ GF4435	**625-GF4435**	SO-8	8A 30V P-Channel MOSFET	0.84
♦ GF4450	**625-GF4450**	SO-8	7.5A 60 V N-Channel MOSFET	1.36
♦ GF4936	**625-GF4936**	SO-8	5.1A 30V N-Channel MOSFET	0.97
♦ GFB50N03	**625-GFB50N03**	TO-263	50A 30V N-Channel MOSFET	0.96
♦ GFB70N03	**625-GFB70N03**	TO-263	70A 30V N-Channel MOSFET	1.44
♦ GFD30N03	**625-GFD30N03**	TO-252	30A 30V N-Channel MOSFET	0.96
GFP50N03	**625-GFP50N03**	TO-220	50A 30 V N-Channel MOSFET	0.88
GFP70N03	**625-GFP70N03**	TO-220	70A 30V N-Channel MOSFET	1.38
IRF250	**584-IRF250**	TO-3	30A 200V N-Channel MOSFET	8.07
IRF350	**620-IRF350**	TO-204AA	15A 400V N-Channel MOSFET	10.00
IRF420	**570-IRF420**	TO-204AA	2.5A 500V N-Channel MOSFET	2.78
IRF440	**333-IRF440**	TO-3	8A 500V N-Channel MOSFET	5.21
IRF450	**620-IRF450**	TO-3	13A 500V N-Channel MOSFET	8.46
IRF510	**570-IRF510**	TO-220AB	5.6A 100V N-Channel MOSFET	0.73
IRF511	**333-IRF511**	TO-220	4A 60V N-Channel MOSFET	1.21
IRF520	**333-IRF520**	TO-220	8A 100V N-Channel MOSFET	1.27
IRF520	**511-IRF520**	TO-220AB	10A 100V N-Channel MOSFET	0.62
IRF520	**570-IRF520**	TO-220AB	9.2A 100V N-Channel MOSFET	0.95
IRF530	**333-IRF530**	TO-220	14A 100V N-Channel MOSFET	1.82
IRF530	**511-IRF530**	TO-220AB	16A 100V N-Channel MOSFET	0.78
IRF530	**620-IRF530**	TO-220AB	14A 100V N-Channel MOSFET	0.80
IRF540	**333-IRF540A**	TO-220	28A 100V N-Channel MOSFET	2.13
IRF540	**511-IRF540**	TO-220AB	30A 100V N-Channel MOSFET	1.26
IRF620	**511-IRF620**	TO-220AB	6A 200V N-Channel MOSFET	0.66
IRF630	**511-IRF630**	TO-220AB	9A 200V N-Channel MOSFET	0.88
♦ IRF630S	**511-IRF630S**	TO-263	9A 200V N-Channel MOSFET	0.92
IRF630	**570-IRF630**	TO-220AB	9A 200V N-Channel MOSFET	0.99
IRF640	**511-IRF640**	TO-220AB	18A 200V N-Channel MOSFET	1.10
♦ IRF640S	**511-IRF640S**	TO-263	18A 200V N-Channel MOSFET	1.10
IRF640	**570-IRF640**	TO-220AB	18A 200V N-Channel MOSFET	1.41
IRF711	**333-IRF711**	TO-220	1.5A 350V N-Channel MOSFET	1.21
IRF730	**511-IRF730**	TO-220AB	5.5A 400V N-Channel MOSFET	1.06
IRF740	**511-IRF740**	TO-220AB	10A 400V N-Channel MOSFET	1.54
IRF740	**570-IRF740**	TO-220AB	10A 400V N-Channel MOSFET	1.99
IRF820	**511-IRF820**	TO-220AB	4A 500V N-Channel MOSFET	0.72
IRF820	**570-IRF820**	TO-220AB	2.5A 500V N-Channel MOSFET	1.20
IRF830	**511-IRF830**	TO-220AB	4.5A 500V N-Channel MOSFET	1.06
IRF840	**511-IRF840**	TO-220AB	8A 500V N-Channel MOSFET	1.54
IRF840	**570-IRF840**	TO-220AB	8A 500V N-Channel MOSFET	1.96
IRF9510	**570-IRF9510**	TO-220AB	3A 100V N-Channel MOSFET	1.25
IRFBC30	**511-IRFBC30**	TO-220AB	3.6A 600V N-Channel MOSFET	1.04
IRFBC40	**511-IRFBC40**	TO-220AB	6.2A 600V N-Channel MOSFET	1.84
IRFD110	**570-IRFD110**	DIP-4	1A 100V N-Channel MOSFET	0.88
IRFD120	**570-IRFD120**	DIP-4	1.3A 100V N-Channel MOSFET	0.89
IRFD9113	**570-IRFD9113**	DIP-4	0.6A 80V P-Channel MOSFET	0.78
IRFD9120	**570-IRFD9120**	DIP-4	1A 100V P-Channel MOSFET	0.68
IRFF330	**570-IRFF330**	TO-205AF	3.5A 400V N-Channel MOSFET	4.00
IRFF9220	**570-IRFF9220**	TO-205AF	2.5A 200V P-Channel MOSFET	3.35
IRFP250	**570-IRFP250**	TO-247	33A 200V N-Channel MOSFET	4.91
IRFP350	**620-IRFP350**	TO-247	16A 400V N-Channel MOSFET	4.36
IRFP450	**511-IRFP450**	TO-247	14A 500V N-Channel MOSFET	2.60
IRFP450	**570-IRFP450**	TO-247	14A 500V N-Channel MOSFET	3.68
IRFP450	**511-IRFP460**	TO-247	20A 500V N-Channel MOSFET	3.20
IRFP9140	**570-IRFP9140**	TO-247	19A 100V P-Channel MOSFET	5.36
IRFZ30	**584-IRFZ30**	TO-220AB	30A 50V N-Channel HEXFET	2.45
IRFZ40	**333-IRFZ40**	TO-220	50A 50V N-Channel MOSFET	2.58
IRFZ40	**511-IRFZ40**	TO-220AB	50A 50V N-Channel MOSFET	1.54
IRFZ40	**584-IRFZ40**	TO-220AB	50A 50V N-Channel HEXFET	3.70
IRFZ44	**584-IRFZ44**	TO-220	50A 60V N-Channel MOSFET	1.44
♦ ITA25B1	**511-ITA25B1**	SO-8	4 Bidirectional Trisil	1.32
MJ15003	**333-MJ15003**	TO-3	NPN 80 Voltage Transistor	6.47
MJ2501	**511-MJ2501**	TO-3	PNP Darlington Power	1.74
MJ2955	**511-MJ2955**	TO-3	PNP General Purpose Power	1.26

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Central Semiconductor	610
EXL Semiconductor	333

◆ Surface Mount Device

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Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
MJ3001	511-MJ3001	TO-3	NPN Darlington Power	1.72
MJ4035	511-MJ4035	TO-3	NPN Darlington Power	2.20
MJ802	511-MJ802	TO-3	NPN General Purpose Power	2.88
MJE13004	610-MJE13004	TO-220	NPN Fast Switch Power	1.55
MJE13005	610-MJE13005	TO-220	NPN Fast Switch Power	1.24
MJE13006	333-MJE13006	TO-220	NPN Fast Switch Power	1.65
MJE13007	333-MJE13007	TO-220	NPN Fast Switch Power	1.36
MJE13009	511-MJE13009	TO-220	NPN Fast Switch Power	2.00
MJE172	511-MJE172	SOT-32	PNP General Purpose Power	0.46
MJE180	610-MJE180	TO-126	NPN General Purpose Power	0.55
MJE182	511-MJE182	SOT-32	NPN General Purpose Power	0.46
MJE210	511-MJE210	SOT-32	PNP General Purpose Power	0.48
MJE2955T	511-MJE2955T	TO-220	PNP General Purpose Power	0.62
MJE3055T	511-MJE3055T	TO-220	NPN General Purpose Power	0.62
MJE340	511-MJE340	SOT-32	NPN Fast Switch Power	0.52
MJE3440	511-MJE3440	SOT-32	NPN Fast Switch Power	0.58
MJE350	511-MJE350	SOT-32	PNP Fast Switch Power	0.50
MJE371	610-MJE371	TO-126	PNP General Purpose Power	0.58
MJE521	511-MJE521	SOT-32	NPN General Purpose Power	0.50
MJE802	511-MJE802	SOT-32	NPN Darlington Power	0.52
◆ MMBT2907A	625-MMBT2907A	SOT-23	PNP General Purpose SS	0.15
◆ MMBT3904	625-MMBT3904	SOT-23	NPN General Purpose SS	0.10
◆ MMBT3906	625-MMBT3906	SOT-23	PNP General Purpose SS	0.10
◆ MMBT4401	625-MMBT4401	SOT-23	NPN General Purpose SS	0.15
◆ MMBTA06	625-MMBTA06	SOT-23	NPN Medium Power	0.15
◆ MMST2222A	592-MMST2222A	SOT-23	NPN General Purpose SS	0.14
◆ MMST2907A	592-MMST2907A	SOT-23	PNP General Purpose SS	0.16
◆ MMST3904	592-MMST3904	SOT-23	NPN General Purpose SS	0.11
◆ MMST3906	592-MMST3906	SOT-23	PNP General Purpose SS	0.11
MPS2907A	625-MPS2907A	TO-92	PNP General Purpose SS	0.16
MPS3392	610-MPS3392	TO-92	NPN General Purpose SS	0.41
MPS3393	610-MPS3393	TO-92	NPN General Purpose SS	0.35
MPS3704	610-MPS3704	TO-92	NPN General Purpose Switch	0.37
MPS3706	610-MPS3706	TO-92	NPN General Purpose SS	0.24
MPS5306	610-MPS5306	TO-92	NPN Darlington Amp	0.26
MPS6515	610-MPS6515	TO-92	NPN General Purpose Switch	0.27
MPS6517	610-MPS6517	TO-92	PNP General Purpose SS	0.28
MPS6519	610-MPS6519	TO-92	PNP General Purpose SS	0.29
MPS6520	610-MPS6520	TO-92	NPN General Purpose SS	0.23
MPS6521	610-MPS6521	TO-92	NPN General Purpose SS	0.36
MPS6531	610-MPS6531	TO-92	NPN General Purpose Switch	0.29
MPS6562	610-MPS6562	TO-92	PNP Medium Power	0.27
MPS8097	610-MPS8097	TO-92	PNP General Purpose SS	0.29
MPSA06	625-MPSA06	TO-92	NPN Medium Power	0.20
◆ CMPTA06	610-CMPTA06	SOT-23	NPN Medium Power	0.15
◆ MMBTA06	625-MMBTA06	SOT-23	NPN Medium Power	0.15
◆ SSTA06	592-SSTA06	SOT-23	NPN Medium Power	0.17
MPSA12	610-MPSA12	TO-92	NPN Darlington Amp	0.32
MPSA13	610-MPSA13	TO-92	NPN Darlington Amp	0.25
◆ CMPTA13	610-CMPTA13	SOT-23	NPN Darlington Amp	0.31
◆ SSTA13	592-SSTA13	SOT-23	NPN Darlington Amp	0.20
MPSA14	610-MPSA14	TO-92	NPN Darlington Amp	0.25
◆ CMPTA14	610-CMPTA14	SOT-23	NPN Darlington Amp	0.31
MPSA18	610-MPSA18	TO-92	NPN General Purpose SS	0.30
MPSA20	610-MPSA20	TO-92	NPN General Purpose SS	0.34
MPSA26	610-MPSA26	TO-92	NPN Darlington Amp	0.34
MPSA28	610-MPSA28	TO-92	NPN Darlington Amp	0.34
◆ SSTA28	592-SSTA28	SOT-23	NPN Darlington Amp	0.20
MPSA29	610-MPSA29	TO-92	NPN Darlington Amp	0.34
MPSA42	610-MPSA42	TO-92	NPN Small Signal	0.25
◆ CMPTA42	610-CMPTA42	SOT-23	NPN Small Signal	0.28
MPSA55	610-MPSA55	TO-92	PNP Medium Power	0.24
MPSA56	625-MPSA56	TO-92	PNP Medium Power	0.15
◆ CMPTA56	610-CMPTA56	SOT-23	PNP Medium Power	0.15
◆ SSTA56	592-SSTA56	SOT-23	PNP Darlington Amp	0.16
MPSA63	610-MPSA63	TO-92	PNP Darlington Amp	0.34
◆ CMPTA63	610-CMPTA63	SOT-23	PNP Darlington Amp	0.40
MPSA64	610-MPSA64	TO-92	PNP General Purpose Darling	0.34
◆ CMPTA64	610-CMPTA64	SOT-23	PNP Darlington Amp	0.35
MPSA65	610-MPSA65	TO-92	PNP Darlington Amp	0.34
MPSA70	610-MPSA70	TO-92	PNP General Purpose SS	0.34
MPSA77	610-MPSA77	TO-92	PNP General Purpose SS	0.28
MPSA92	610-MPSA92	TO-92	PNP General Purpose SS	0.25
◆ CMPTA92	610-CMPTA92	SOT-23	PNP General Purpose SS	0.28
MPSA93	610-MPSA93	TO-92	PNP General Purpose SS	0.28
MPSH10	610-MPSH10	TO-92	NPN RF Amp/Oscillator	0.26
◆ CMPTH10	610-CMPTH10	SOT-23	NPN RF Amp/Oscillator	0.25
◆ NE02133	551-NE02133	SOT-23	NPN High Frequency	1.20
NE02135	551-NE02135	Micro-X	NPN High Frequency	7.43

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
◆ NE02139	551-NE02139	SOT-143	NPN High Frequency	1.32
◆ NE25139	551-NE25139	SOT-143	Dual Gate MESFET	0.74
◆ NE25139U72	551-NE25139U72	SOT-143	Dual Gate MESFET	0.92
◆ NE25339	551-NE25339	SOT-143	Dual Gate MESFET	2.15
◆ NE32584C	551-NE32584C	84C	Low Noise FET	6.35
◆ NE334S01	551-NE334S01	38	Low Noise FET	2.92
◆ NE34018	551-NE34018	SOT-143	Low Noise FET	1.91
◆ NE425S01	551-NE425S01	SO1	N-Channel Low Noise Amp	1.83
◆ NE434S01	551-NE434S01	SO1	Low Noise FET	1.77
◆ NE46134	551-NE46134	SOT-89	NPN Medium Power	1.24
◆ NE461M02	551-NE461M02	SOT-89	NPN Medium Power	1.58
◆ NE68019	551-NE68019	Mini-3	NPN High Frequency	0.56
◆ NE68030	551-NE68030	SOT-323	NPN High Frequency	0.62
◆ NE68033	551-NE68033	SOT-23	NPN High Frequency	0.65
◆ NE68039	551-NE68039	SOT-143	NPN HIGH Frequency	0.72
◆ NE68039R	551-NE68039R	SOT-143R	NPN High Frequency	0.72
◆ NE68119	551-NE68119	Mini-3	NPN High Frequency	0.44
◆ NE68130	551-NE68130	SOT-323	NPN High Frequency	0.50
◆ NE68133	551-NE68133	SOT-23	NPN High Frequency	0.52
NE68135	551-NE68135	Micro-X	NPN High Frequency	11.77
◆ NE68139	551-NE68139	SOT-143	NPN High Frequency	0.57
◆ NE68139R	551-NE68139R	SOT-143R	NPN High Frequency	0.57
◆ NE68518	551-NE68518	SOT-343	NPN High Frequency	0.61
◆ NE68519	551-NE68519	Mini-3	NPN High Frequency	0.50
◆ NE68530	551-NE68530	SOT-323	NPN High Frequency	0.67
◆ NE68533	551-NE68533	SOT-23	NPN High Frequency	0.72
◆ NE68619	551-NE68619	Mini-3	NPN High Frequency	0.63
◆ NE68630	551-NE68630	SOT-323	NPN High Frequency	0.41
◆ NE68719	551-NE68719	Mini-3	NPN High Frequency	0.52
◆ NE68730	551-NE68730	SOT-323	NPN High Frequency	0.41
◆ NE68819	551-NE68819	Mini-3	NPN High Frequency	0.36
◆ NE68833	551-NE68833	SOT-23	NPN High Frequency	0.52
◆ NE696M01	551-NE696M01	SOT-363	NPN High Frequency	0.63
◆ NE699M01	551-NE699M01	SOT-363	NPN High Frequency	0.67
NE73435	551-NE73435	Micro-X	NPN General Purpose	6.60
◆ NE850R599A	551-NE850R599A	99	Medium Power MESFET	42.69
◆ NE85619	551-NE85619	Mini-3	NPN High Frequency	0.31
◆ NE85630	551-NE85630	SOT-323	NPN High Frequency	0.41
◆ NE85632	551-NE85632	TO-92	NPN High Frequency	1.05
◆ NE85633	551-NE85633	SOT-23	NPN High Frequency	0.43
◆ NE85634	551-NE85634	SOT-89	NPN High Frequency	1.00
NE85635	551-NE85635	Micro-X	NPN High Frequency	7.15
◆ NE85639	551-NE85639	SOT-143	NPN High Frequency	0.39
◆ NE85639R	551-NE85639R	SOT-143R	NPN High Frequency	0.47
◆ NE93339	551-NE93339	Mini-4	N-Channel Dual Gate MOSFET	0.49
◆ NE94430	551-NE94430	SOT-323	NPN Oscillator/Mixer	0.35
◆ NE94433	551-NE94433	SOT-23	NPN Oscillator/Mixer	0.35
◆ NE97733	551-NE97733	SOT-23	PNP High Frequency	3.20
◆ NE97833	551-NE97833	SOT-23	PNP High Frequency	1.80
PN2222A	610-PN2222A	TO-92	NPN General Purpose SS	0.18
PN2369A	610-PN2369A	TO-92	NPN Fast Switch Small Signal	0.27
PN2907A	610-PN2907A	TO-92	PNP General Purpose Switch	0.18
PN3565	610-PN3565	TO-92	NPN Low Level Small Signal	0.32
PN3566	610-PN3566	TO-92	NPN General Purpose Switch	0.54
PN3567	610-PN3567	TO-92	NPN Medium Power	0.41
PN3569	610-PN3569	TO-92	NPN Medium Power	0.20
PN3638A	610-PN3638A	TO-92	PNP General Purpose SS	0.35
PN3640	610-PN3640	TO-92	PNP Switching Transistor	0.44
PN3643	610-PN3643	TO-92	NPN General Purpose Switch	0.25
PN3644	610-PN3644	TO-92	PNP General Purpose Switch	0.31
PN3645	610-PN3645	TO-92	PNP General Purpose Switch	0.38
PN4249	610-PN4249	TO-92	PNP Low Level Switch	0.38
PN4250A	610-PN4250A	TO-92	PNP Low Level Switch	0.24
PN4355	610-PN4355	TO-92	PNP General Purpose Switch	0.28
PN4356	610-PN4356	TO-92	PNP General Purpose Switch	0.28
PN4917	610-PN4917	TO-92	PNP General Purpose Switch	0.38
PN5138	610-PN5138	TO-92	PNP General Purpose Switch	0.32
PN5139	610-PN5139	TO-92	PNP General Purpose Switch	0.20
PN918	610-PN918	TO-92	NPN General Purpose Switch	0.29
◆ RXT2907A	592-RXT2907A	SOT-89	PNP General Purpose SS	0.38
◆ SST2222A	592-SST2222A	SOT-23	NPN General Purpose SS	0.10
◆ SST2907A	592-SST2907A	SOT-23	PNP General Purpose SS	0.10
◆ SST3904	592-SST3904	SOT-23	NPN General Purpose SS	0.08
◆ SST3906	592-SST3906	SOT-23	PNP General Purpose SS	0.08
◆ SST4401	592-SST4401	SOT-23	NPN General Purpose SS	0.13
◆ SST4403	592-SST4403	SOT-23	PNP General Purpose SS	0.13
◆ SSTA06	592-SSTA06	SOT-23	NPN Medium Power	0.17
◆ SSTA13	592-SSTA13	SOT-23	NPN Darlington Amp	0.20
◆ SSTA28	592-SSTA28	SOT-23	NPN Darlington Amp	0.20

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STMicroelectronics	511

◆ Surface Mount Device

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Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
◆ SSTA56	592-SSTA56	SOT-23	PNP Darlington Amp	0.16
◆ STB19NB20	511-STB19NB20	TO-263	19A 200V N-Channel MOSFET	1.42
◆ STB55NE06	511-STB55NE06	TO-263	55A 60V N-Channel MOSFET	1.54
◆ STB70NF03L	511-STB70NF03L	TO-263	70A 30V Logic Level N-Ch FET	1.54
◆ STB80NE06-10	511-STB80NE06-10	TO-263	80A 60V N-Channel MOSFET	2.44
◆ STD12NE06	511-STD12NE06	TO-252	12A 60V N-Channel MOSFET	0.62
STD12NE06L	511-STD12NE06L	TO-251	12A 60V Logic level N-Ch FET	0.68
◆ STD16NE06	511-STD16NE06	TO-252	16A 60V N-Channel MOSFET	0.78
◆ STD16NE10	511-STD16NE10	TO-252	16A 100V N-Channel MOSFET	0.96
◆ STD20NE06	511-STD20NE06	TO-252	20A 60V N-Channel MOSFET	1.06
◆ STD2NB60	511-STD2NB60	TO-252	2.6A 600V N-Channel MOSFET	0.80
◆ STD7NB20	511-STD7NB20	TO-252	7A 200V N-Channel MOSFET	0.96
◆ STD9N10	511-STD9N10	TO-252	9A 100V N-Channel MOSFET	0.92
◆ STGD3NB60H	511-STGD3NB60H	TO-252	6A 600V N-Ch IGBT MOSFET	1.46
◆ STGD7NB60H	511-STGD7NB60H	TO-252	7A 600V N-Ch IGBT MOSFET	1.64
STGP20NB60H	511-STGP20NB60H	TO-220AB	20A 600V N-Ch IGBT MOSFET	2.64
STGP7NB60H	511-STGP7NB60H	TO-220AB	7A 600V N-Ch IGBT MOSFET	1.88
STGW12NB60H	511-STGW12NB60H	TO-247	12A 600V N-Ch IGBT MOSFET	3.20
STGW20NB60H	511-STGW20NB60H	TO-247	20A 600V N-Ch IGBT MOSFET	3.40
STGW30NB60H	511-STGW30NB60H	TO-247	30A 600V N-Ch IGBT MOSFET	4.00
STGW50NB60H	511-STGW50NB60H	TO-247	50A 600V N-Ch IGBT MOSFET	5.60
◆ STN2NE06	511-STN2NE06	SOT-223	2A 60V N-Channel MOSFET	0.76
◆ STN2NE10	511-STN2NE10	SOT-223	2A 100V N-Channel MOSFET	0.48
◆ STN2NE10L	511-STN2NE10L	SOT-223	1.8A 100V Logic level N-Ch FET	0.50
◆ STN3NE06	511-STN3NE06	SOT-223	3A 60V N-Channel MOSFET	0.86
◆ STN3NE06L	511-STN3NE06L	SOT-223	3A 60V Logic level N-Ch FET	0.62
STP10NB20	511-STP10NB20	TO-220AB	10A 200V N-Channel MOSFET	0.96
STP11NB40	511-STP11NB40	TO-220AB	10.7A 400V N-Channel MOSFET	1.88
STP12NB30	511-STP12NB30	TO-220AB	12A 300V N-Channel MOSFET	1.52
STP16NE06	511-STP16NE06	TO-220AB	16A 60V N-Channel MOSFET	0.80
STP19N06L	511-STP19N06L	TO-220AB	19A 60V Logic level N-Ch MOSFET	0.96
STP19NB20	511-STP19NB20	TO-220AB	19A 200V N-Channel MOSFET	1.44
STP20NE06	511-STP20NE06	TO-220AB	20A 60V N-Channel MOSFET	0.80
STP20NE06L	511-STP20NE06L	TO-220AB	20A 60V Logic level N-Ch FET	0.88
STP20NE10	511-STP20NE10	TO-220AB	20A 100V N-Channel MOSFET	0.82
STP30NE06	511-STP30NE06	TO-220AB	30A 60V N-Channel MOSFET	0.72
STP30NE06L	511-STP30NE06L	TO-220AB	30A 60V Logic level N-Ch FET	0.72
STP36N06	511-STP36N06	TO-220AB	36A 60V N-Channel MOSFET	2.39
STP36NE06	511-STP36NE06	TO-220AB	36A 60V N-Channel MOSFET	1.00
STP3NA60	511-STP3NA60	TO-220AB	2.9A 600V N-Channel MOSFET	1.06
STP3NB60	511-STP3NB60	TO-220AB	3.3A 600V N-Channel MOSFET	0.80
STP4NA80	511-STP4NA80	TO-220AB	4A 800V N-Channel MOSFET	2.06
STP4NB50	511-STP4NB50	TO-220AB	3.8A 500V N-Channel MOSFET	0.80
STP4NB80	511-STP4NB80	TO-220AB	4A 800V N-Channel MOSFET	1.64
STP50N06L	511-STP50N06L	TO-220AB	50A 60V Logic level N-Ch FET	2.56
STP50NE08	511-STP50NE08	TO-220AB	50A 80V N-Channel MOSFET	1.58
STP50NE10	511-STP50NE10	TO-220AB	50A 100V N-Channel MOSFET	1.84
STP50NE10L	511-STP50NE10L	TO-220AB	50A 100V Logic level N-Ch FET	1.90
STP55NE06	511-STP55NE06	TO-220AB	55A 60V N-Channel MOSFET	1.44
STP5NB40	511-STP5NB40	TO-220AB	4.7A 400V N-Channel MOSFET	1.86
STP5NB60	511-STP5NB60	TO-220AB	5A 600V N-Channel MOSFET	1.28
STP5NB80	511-STP5NB60	TO-220AB	5A 800V N-Channel MOSFET	1.84
STP60N0614	511-STP60N0614	TO-220AB	60A 60V N-Channel MOSFET	3.24
STP60NE06-16	511-STP60NE06-16	TO-220AB	60A 60V N-Channel MOSFET	3.20
STP7NB40	511-STP7NB40	TO-220AB	7A 400V N-Channel MOSFET	1.18
STP7NB60	511-STP7NB60	TO-220AB	7.2A 600V N-Channel MOSFET	1.94
STP80NE03L06	511-STP80NE03L06	TO-220AB	80A 30V Logic level N-Ch FET	2.20
STP80NE06-10	511-STP80NE06-10	TO-220AB	80A 60V N-Channel MOSFET	2.00
STP9NB50	511-STP9NB50	TO-220AB	8.6A 500V N-Channel MOSFET	1.88
◆ STS10NF30L	511-STS10NF30L	SO-8	10A 30V Logic level N-Ch FET	1.04
◆ STS12NF30L	511-STS12NF30L	SO-8	12A 30V Logic level N-Ch FET	1.22
◆ STS3DNF30L	511-STS3DNF30L	SO-8	3.5A 30V Dual logic level N-Ch FET	0.84
◆ STS5DNE30L	511-STS5DNE30L	SO-8	5A 30V Dual logic level N-Ch FET	1.00
◆ STS7NF30L	511-STS7NF30L	SO-8	7A 30V Logic level N-Ch FET	0.78
STW10NA50	511-STW10NA50	TO-247	8A 500V N-Channel MOSFET	4.24
STW11NB80	511-STW11NB80	TO247	11A 800V N-Channel MOSFET	5.60
STW12NA50	511-STW12NA50	TO-247	11.6A 500V N-Channel MOSFET	4.56
STW12NA60	511-STW12NA60	TO-247	12A 600V N-Channel MOSFET	6.38
STW15NA50	511-STW15NA50	TO-247	14.6A 500V N-Channel MOSFET	6.16
STW15NB50	511-STW15NB50	TO-247	14.6A 500V N-Channel MOSFET	4.08
STW16NB60	511-STW16NB60	TO-247	16A 600V N-Channel MOSFET	5.00
STW20NB50	511-STW20NB50	TO-247	20A 500V N-Channel MOSFET	9.20
STW34NB20	511-STW34NB20	TO-247	34A 200V N-Channel MOSFET	4.08
STW50N10	511-STW50N10	TO-247	50A 100V N-Channel MOSFET	7.84
STW5NB90	511-STW5NB90	TO-247	5.6A 900V N-Channel MOSFET	3.10
STW60NE10	511-STW60NE10	TO-247	60A 100V N-Channel MOSFET	4.20
STW7NA80	511-STW7NA80	TO-247	6.5A 800V N-Channel MOSFET	5.54
STW80NE06-10	511-STW80NE06-10	TO-247	80A 60V N-Channel MOSFET	3.52
STW80NB100	511-STW80NB100	TO-247	8A 1000V N-Channel MOSFET	5.00
STW8NB80	511-STW8NB80	TO-247	7.5A 800V N-Channel MOSFET	4.60

For quantities greater than listed call for quote.

Industry Type	MOUSER STOCK NO.	Package	Description	Price Each 1-99
TIP101	610-TIP101	TO-220	NPN Power Darlington	0.73
TIP102	511-TIP102	TO-220	NPN Power Darlington	0.70
TIP105	511-TIP105	TO-220	PNP Power Darlington	0.66
TIP107	511-TIP107	TO-220	PNP Power Darlington	0.70
TIP110	511-TIP110	TO-220	NPN Power Darlington	0.58
TIP111	610-TIP111	TO-220	NPN Power Darlington	0.62
TIP112	511-TIP112	TO-220	NPN Power Darlington	0.62
TIP115	511-TIP115	TO-220	PNP Power Darlington	0.58
TIP116	610-TIP116	TO-220	PNP Power Darlington	0.60
TIP117	511-TIP117	TO-220	PNP Power Darlington	0.62
TIP120	511-TIP120	TO-220	NPN Power Darlington	0.58
TIP121	511-TIP121	TO-220	NPN Power Darlington	0.60
TIP122	511-TIP122	TO-220	NPN Power Darlington	0.62
TIP125	511-TIP125	TO-220	PNP Power Darlington	0.58
TIP126	511-TIP126	TO-220	PNP Power Darlington	0.60
TIP127	511-TIP127	TO-220	PNP Power Darlington	0.62
TIP132	511-TIP132	TO-220	NPN Power Darlington	0.68
TIP135	511-TIP135	TO-220	PNP Power Darlington	0.66
TIP137	511-TIP137	TO-220	PNP Power Darlington	0.68
TIP140	511-TIP140	TO-218	NPN Power Darlington	1.44
TIP141	511-TIP141	TO-218	NPN Power Darlington	1.44
TIP142	511-TIP142	TO-218	NPN Power Darlington	1.48
TIP145	511-TIP145	TO-218	PNP Power Darlington	1.46
TIP146	511-TIP146	TO-218	PNP Power Darlington	1.46
TIP147	511-TIP147	TO-218	PNP Power Darlington	1.50
TIP29	610-TIP29	TO-220	NPN General Purpose Power	0.57
TIP2955	333-TIP2955	TO-3P	PNP General Purpose Power	1.27
TIP2955	511-TIP2955	TO-218	PNP General Purpose Power	1.26
TIP29A	511-TIP29A	TO-220	NPN General Purpose Power	0.54
TIP29A	610-TIP29A	TO-220	NPN General Purpose Power	0.57
TIP29B	610-TIP29B	TO-220	NPN General Purpose Power	0.57
TIP29C	511-TIP29C	TO-220	NPN General Purpose Power	0.58
TIP30	610-TIP30	TO-220	PNP General Purpose Power	0.57
TIP3055	333-TIP3055	TO-3P	NPN General Purpose Power	1.26
TIP3055	511-TIP3055	TO-218	NPN General Purpose Power	1.45
TIP30A	511-TIP30A	TO-220	PNP General Purpose Power	0.54
TIP30B	511-TIP30B	TO-220	PNP General Purpose Power	0.56
TIP30C	511-TIP30C	TO-220	PNP General Purpose Power	0.58
TIP31	610-TIP31	TO-220	NPN General Purpose Power	0.45
TIP31A	511-TIP31A	TO-220	NPN General Purpose Power	0.54
TIP31B	610-TIP31B	TO-220	NPN General Purpose Power	0.45
TIP31C	511-TIP31C	TO-220	NPN General Purpose Power	0.58
TIP32	610-TIP32	TO-220	PNP General Purpose Power	0.55
TIP32A	511-TIP32A	TO-220	PNP General Purpose Power	0.54
TIP32C	511-TIP32C	TO-220	PNP General Purpose Power	0.58
TIP33C	511-TIP33C	TO-218	NPN General Purpose Power	1.26
TIP34C	511-TIP34C	TO-218	PNP General Purpose Power	1.26
TIP35C	511-TIP35C	TO-218	NPN General Purpose Power	1.74
TIP36B	511-TIP36B	TO-218	PNP General Purpose Power	1.74
TIP36C	511-TIP36C	TO-218	PNP General Purpose Power	1.76
TIP41	333-TIP41	TO-220	NPN General Purpose Power	0.69
TIP41A	610-TIP41A	TO-220	NPN General Purpose Power	0.71
TIP41B	511-TIP41B	TO-220	NPN General Purpose Power	0.64
TIP41C	511-TIP41C	TO-220	NPN General Purpose Power	0.66
TIP41C	570-TIP41C	TO-220AB	NPN General Purpose Power	0.72
TIP42	333-TIP42	TO-220	PNP General Purpose Power	0.73
TIP42A	511-TIP42A	TO-220	PNP General Purpose Power	0.62
TIP42C	333-TIP42C	TO-220	PNP General Purpose Power	0.73
TIP42C	511-TIP42C	TO-220	PNP General Purpose Power	0.68
TIP47	511-TIP47	TO-220	NPN General Purpose Power	0.58
TIP48	511-TIP48	TO-220	NPN General Purpose Power	0.60
TIP50	333-TIP50	TO-220	NPN General Purpose Power	0.77
TIP50	511-TIP50	TO-220	NPN General Purpose Power	0.80
◆ UMT2222A	592-UMT2222A	SOT-323	NPN General Purpose SS	0.16
◆ UMT2907A	592-UMT2907A	SOT-323	PNP General Purpose SS	0.16
◆ UMT3904	592-UMT3904	SOT-323	NPN General Purpose SS	0.13
◆ UMT3906	592-UMT3906	SOT-323	PNP General Purpose SS	0.12
◆ UMT4401	592-UMT4401	SOT-323	NPN General Purpose SS	0.16
◆ UMT4403	592-UMT4403	SOT-323	PNP General Purpose SS	0.20
◆ UPA800T	551-UPA800T	SOT-363	NPN High Frequency	1.00
◆ UPA806T	551-UPA806T	SOT-363	NPN High Frequency	1.00
◆ UPA810T	551-UPA810T	SOT-363	NPN High Frequency	0.91
◆ UPA812T	551-UPA812T	SOT-363	NPN High Frequency	1.00
◆ UPA814T	551-UPA814T	SOT-363	NPN High Frequency	1.00

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NTE	526
Texas Instruments	636
Various Manufacturers	620

◆ **Surface Mount Device**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
7400 Series TTL		
526-NTE7400	Quad 2-input NAND Gate	0.73
526-NTE7401	Quad 2-input NAND Gate	0.73
526-NTE7402	Quad 2-input NOR Gate	1.00
620-7402N	Quad 2-input NOR Gate	0.46
526-NTE7403	Quad 2-input NAND Gate	0.69
526-NTE7404	Hex Inverter/Buffer	0.90
620-7404N	Hex Inverter/Buffer	0.46
526-NTE7405	Hex Inverter	0.84
526-NTE7406	Hex Inverter/Buffer	1.57
605-7406N	Hex Inverter/Buffer	0.29
526-NTE7407	Hex Buffer/Driver	1.57
605-7407N	Hex Buffer/Driver	0.29
526-NTE7408	Quad 2-input AND Gate	1.13
605-7408N	Quad 2-input AND Gate	0.29
526-NTE7410	Triple 3-input NAND Gate	0.81
526-NTE7411	Triple 3-input AND Gate	0.92
526-NTE7412	Triple 3-input NAND Gate	0.89
526-NTE7413	Dual 4-input Schmitt Trigger	1.50
620-7414N	Hex Schmitt Inverter	0.40
526-NTE7416	Hex Inverter/Buffer	1.45
526-NTE7417	Hex Buffer/Driver	1.34
620-7417N	Hex Buffer/Driver	0.40
526-NTE7420	Dual 4-input NAND Gate	0.77
620-7420N	Dual 4-input NAND Gate	0.40
526-NTE7421	Dual 4-input AND Gate	2.23
526-NTE7423	Dual 4-input NOR Gate	0.95
526-NTE7425	Dual 4-input NOR Gate	0.95
526-NTE7426	Quad 2-input NAND Gate	1.03
526-NTE7427	Triple 3-input NOR Gate	0.90
526-NTE7428	Quad 2-input NOR Buffer	0.93
526-NTE7430	8-input NAND Gate	0.76
526-NTE7432	Quad 2-input OR Gate	1.37
620-7432N	Quad 2-input OR Gate	0.46
526-NTE7433	Quad 2-input NOR Gate	1.00
526-NTE7437	Quad 2-input NAND Buffer	1.16
526-NTE7438	Quad 2-input NAND Buffer	1.59
526-NTE7440	Dual 4-input NAND Buffer	0.64
526-NTE7441	Decoder Driver	3.96
526-NTE7442	BCD to Decimal Decoder	1.82
620-7442N	BCD to Decimal Decoder	1.10
526-NTE7445	BCD to Decimal Decoder	3.11
526-NTE7446	BCD to 7-SEG Driver	2.53
526-NTE7447	BCD to 7-SEG Driver	2.59
620-7447N	BCD to 7-SEG Driver	1.42
526-NTE7473	Dual J-K Flip/Flop with Clear	2.00
620-7473N	Dual J-K Flip/Flop with Clear	1.26
526-NTE7474	Dual D-type Flip/Flop	1.09
620-7474N	Dual D-type Flip/Flop	0.46
526-NTE7475	4-bit D-type Latch	2.31
526-NTE7476	Dual J-K Flip/Flop	1.82
620-7476N	Dual J-K Flip/Flop	1.58
526-NTE7483	4-bit Bin Full Adder	2.76
526-NTE7485	4-bit Magnitude Comparator	4.19
526-NTE7486	Quad Exclusive OR Gate	0.95
620-7486N	Quad Exclusive OR Gate	0.72
526-NTE7489	64-bit Read/Write Memory	11.64
526-NTE7490	Decade Counter	1.53
620-7490N	Decade Counter	1.10
526-NTE7491	8-bit Shift Register	2.35
526-NTE7492	Divide by 12 Counter	1.78
526-NTE7493A	4-bit Binary Ripple Counter	1.81
526-NTE7495	4-bit Shift Register	1.69
526-NTE7496	5-bit Shift Register	2.15
526-NTE74109	Dual J-K Flip/Flop	1.78
526-NTE74121	Monostable Multivibrator	2.44
620-74121N	Monostable Multivibrator	1.26
526-NTE74123	Dual Monostable Multivibrator	2.41
526-NTE74145	BCD to Decimal Decoder/Driver	3.05
526-NTE74150	1 to 16 Data Sel/Multiplexer	4.60
526-NTE74154	4 to 16 Line Decoder/Multiplexer	4.74
620-74154N	4 to 16 Line Decoder/Multiplexer	3.12
526-NTE74155	Dual 1 of 4 Decoder	2.27
526-NTE74160	Sync 4-bit Counter	3.20
526-NTE74173	4-bit D-type Flip/Flop	1.92
526-NTE74179	4-bit Universal Shift Register	4.86
526-NTE74195	4-bit PIPO Shift Register	1.99
74AC Series Advanced CMOS		
511-74AC00B	Quad 2-input NAND Gate	0.34
◆ 511-74AC00M	Quad 2-input NAND Gate	0.34
◆ 605-74AC00D	Quad 2-input NAND Gate	0.45

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74AC Series Advanced CMOS (cont.)		
511-74AC02B	Quad 2-input NOR Gate	0.34
◆ 511-74AC02M	Quad 2-input NOR Gate	0.34
◆ 605-74AC02D	Quad 2-input NOR Gate	0.51
511-74AC04B	Hex Inverter/Buffer	0.34
◆ 511-74AC04M	Hex Inverter/Buffer	0.34
◆ 605-74AC04D	Hex Inverter/Buffer	0.51
511-74AC08B	Quad 2-input AND Gate	0.34
◆ 511-74AC08M	Quad 2-input AND Gate	0.34
◆ 605-74AC08D	Quad 2-input AND Gate	0.51
511-74AC14B	Hex Inverting Schmitt Trigger	0.40
◆ 511-74AC14M	Hex Inverting Schmitt Trigger	0.40
◆ 605-74AC14D	Hex Inverting Schmitt Trigger	0.51
511-74AC32B	Quad 2-input OR Gate	0.34
◆ 511-74AC32M	Quad 2-input OR Gate	0.34
570-74AC32E	Quad 2-input OR Gate	0.50
◆ 605-74AC32D	Quad 2-input OR Gate	0.51
511-74AC74B	Dual D-type F/F with Set/Reset	0.40
◆ 511-74AC74M	Dual D-type F/F with Set/Reset	0.40
◆ 605-74AC74D	Dual D-type F/F with Set/Reset	0.54
511-74AC86B	Quad 2-input Exclusive OR Gate	0.34
◆ 511-74AC86M	Quad 2-input Exclusive OR Gate	0.34
◆ 605-74AC86D	Quad 2-input Exclusive OR Gate	0.51
511-74AC125B	Quad Bus Buffer	0.46
◆ 511-74AC125M	Quad Bus Buffer	0.46
511-74AC138B	3-to-8 Line Decoder/Demultiplexr	0.46
◆ 511-74AC138M	3-to-8 Line Decoder/Demultiplexr	0.46
570-74AC139E	Dual 2-of-4 Line Dec/Demultiplxr	0.81
◆ 605-74AC139D	Dual 2-of-4 Line Dec/Demultiplxr	0.40
◆ 511-74AC157M	Quad 2-to-1 Line Multiplexer	0.46
◆ 511-74AC158M	Quad 2-to-1 Line Multiplexer	0.46
511-74AC240B	Octal Buffer/Line Driver 3-State	0.62
◆ 511-74AC240M	Octal Buffer/Line Driver 3-State	0.62
511-74AC244B	Octal Buffer/Line Driver 3-State	0.62
◆ 511-74AC244M	Octal Buffer/Line Driver 3-State	0.62
◆ 605-74AC244D	Octal Buffer/Line Driver 3-State	1.00
511-74AC245B	Octal Bus Transceiver 3-State	0.62
◆ 511-74AC245M	Octal Bus Transceiver 3-State	0.62
511-74AC257B	Quad 2-input Multiplexer	0.46
◆ 511-74AC257M	Quad 2-input Multiplexer	0.46
511-74AC273B	Octal D-type Flip/Flop with Reset	0.62
◆ 511-74AC273M	Octal D-type Flip/Flop with Reset	0.62
511-74AC373B	Quad Transparent Latch 3-State	0.62
◆ 511-74AC373M	Quad Transparent Latch 3-State	0.62
511-74AC374B	Octal D-type Flip/Flop	0.62
◆ 511-74AC374M	Octal D-type Flip/Flop	0.62
◆ 511-74AC541M	Octal Bus Buffer	0.70
511-74AC573B	Octal D-type Latch	0.70
◆ 511-74AC573M	Octal D-type Latch	0.70
511-74AC574B	Octal D-type Flip/Flop	0.70
◆ 511-74AC574M	Octal D-type Flip/Flop	0.70
74ACT Series Advanced CMOS		
511-74ACT00B	Quad 2-input NAND Gate	0.34
◆ 511-74ACT00M	Quad 2-input NAND Gate	0.34
◆ 605-74ACT00D	Quad 2-input NAND Gate	0.60
511-74ACT02B	Quad 2-input NOR Gate	0.34
◆ 511-74ACT02M	Quad 2-input NOR Gate	0.34
◆ 605-74ACT02D	Quad 2-input NOR Gate	0.60
511-79ACT04B	Hex Inverter/Buffer	0.34
◆ 511-74ACT04M	Hex Inverter/Buffer	0.34
◆ 605-74ACT04D	Hex Inverter/Buffer	0.60
511-74ACT08B	Quad 2-input AND Gate	0.34
◆ 511-74ACT08M	Quad 2-input AND Gate	0.34
◆ 605-74ACT08D	Quad 2-input AND Gate	0.60
◆ 511-74ACT14M	Hex Inverting Schmitt Trigger	0.40
511-74ACT32B	Quad 2-input OR Gate	0.34
◆ 511-74ACT32M	Quad 2-input OR Gate	0.34
◆ 605-74ACT32D	Quad 2-input OR Gate	0.60
511-74ACT74B	Dual D-type F/F with Set/Reset	0.40
◆ 511-74ACT74M	Dual D-type F/F with Set/Reset	0.40
511-74ACT86B	Quad 2-input Exclusive OR Gate	0.34
◆ 511-74ACT86M	Quad 2-input Exclusive OR Gate	0.34
511-74ACT125B	Octal Bus Buffer 3-State	0.46
◆ 511-74ACT125M	Octal Bus Buffer 3-State	0.46
◆ 605-74ACT125D	Octal Bus Buffer 3-State	0.60
511-74ACT138B	3-to-8 Line Decoder/Demultiplexr	0.46
◆ 511-74ACT138M	3-to-8 Line Decoder/Demultiplexr	0.46
◆ 605-74ACT138D	3-to-8 Line Decoder/Demultiplexr	0.66
◆ 605-74ACT139D	Dual 2 of 4 Line Decoder	0.66
570-74ACT158E	Quad 2-input Multiplexer	0.81
◆ 605-74ACT161D	4-bit Async Binary Counter	0.77

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74ACT Series Advanced CMOS (cont.)		
◆ 511-74ACT174M	Hex D-type Flip/Flop w/Reset	0.46
511-74ACT240B	Octal Buffer/Line Drvr 3-State	0.62
◆ 511-74ACT240M	Octal Buffer/Line Drvr 3-State	0.62
◆ 605-74ACT240D	Octal Buffer/Line Drvr 3-State	1.00
511-74ACT244B	Octal Buffer/Line Drvr 3-State	0.62
◆ 511-74ACT244M	Octal Buffer/Line Drvr 3-State	0.62
◆ 605-74ACT244D	Octal Buffer/Line Drvr 3-State	1.00
511-74ACT245B	Octal Bus Transceiver 3-State	0.62
◆ 511-74ACT245M	Octal Bus Transceiver 3-State	0.80
570-74ACT245E	Octal Bus Transceiver	0.88
◆ 605-74ACT245D	Octal Bus Transceiver	1.00
511-74ACT257B	Quad 2-input Multiplexer	0.46
◆ 511-74ACT257M	Quad 2-input Multiplexer	0.46
511-74ACT273B	Quad D-type Flip/Flop w/Reset	0.62
◆ 511-74ACT273M	Quad D-type Flip/Flop w/Reset	0.62
511-74ACT373B	Quad Transparent Latch 3-St	0.62
◆ 511-74ACT373M	Quad Transparent Latch 3-St	0.62
◆ 605-74ACT373D	Octal D-type Latch	1.00
511-74ACT374B	Octal D-type Flip/Flop	0.62
◆ 511-74ACT374M	Octal D-type Flip/Flop	0.62
570-74ACT541E	Octal Buffer/Line Drivr 3-State	1.43
511-74ACT573B	Octal D-type Latch	0.70
◆ 511-74ACT573M	Octal D-type Latch	0.70
511-74ACT574B	Octal D-type Flip/Flop	0.70
◆ 511-74ACT574M	Octal D-type Flip/Flop	0.70
570-74ACT574E	Octal D-type Flip/Flop	1.55
74AHC Series Advanced High Speed CMOS		
◆ 636-SN74AHC00D	Quad 2-input NAND Gate	0.30
636-SN74AHC00N	Quad 2-input NAND Gate	0.38
◆ 636-SN74AHC04D	Hex Inverter/Buffer	0.30
636-SN74AHC04N	Hex Inverter/Buffer	0.38
◆ 636-SN74AHC08D	Quad 2-input AND Gate	0.32
636-SN74AHC08N	Quad 2-input AND Gate	0.38
◆ 636-SN74AHC14D	Hex Schmitt Inverter	0.38
636-SN74AHC14N	Hex Schmitt Inverter	0.38
◆ 636-SN74AHC32D	Quad 2-input OR Gate	0.38
636-SN74AHC32N	Quad 2-input OR Gate	0.38
◆ 636-SN74AHC74D	Dual D-Type Flip-Flop	0.38
636-SN74AHC74N	Dual D-Type Flip-Flop	0.32
◆ 636-SN74AHC244DW	Octal Bus Buffer 3-State	0.46
636-SN74AHC244N	Octal Bus Buffer 3-State	0.58
◆ 636-SN74AHC245DW	Octal Bus Transceiver	0.46
636-SN74AHC245N	Octal Bus Transceiver	0.58
◆ 636-SN74AHC373DW	Octal D-Type Latch	0.46
636-SN74AHC373N	Octal D-Type Latch	0.46
◆ 636-SN74AHC374D	Dual D-Type Flip-Flop	0.38
636-SN74AHC374N	Dual D-Type Flip-Flop	0.62
74AHCT Series Advanced High Speed CMOS		
◆ 636-SN74AHCT00D	Quad 2-input NAND Gate	0.30
636-SN74AHCT00N	Quad 2-input NAND Gate	0.30
◆ 636-SN74AHCT04D	Hex Inverter/Buffer	0.30
636-SN74AHCT04N	Hex Inverter/Buffer	0.30
◆ 636-SN74AHCT08D	Quad 2-input AND Gate	0.30
636-SN74AHCT08N	Quad 2-input AND Gate	0.30
◆ 636-SN74AHCT14D	Hex Schmitt Inverter	0.30
636-SN74AHCT14N	Hex Schmitt Inverter	0.30
◆ 636-SN74AHCT32D	Quad 2-input OR Gate	0.30
636-SN74AHCT32N	Quad 2-input OR Gate	0.30
◆ 636-SN74AHCT74D	Dual D-Type Flip-Flop	0.30
636-SN74AHCT74N	Dual D-Type Flip-Flop	0.30
636-SN74AHCT244N	Octal Bus Buffer 3-State	0.48
◆ 636-SN74AHCT245DW	Octal Bus Transceiver	0.46
636-SN74AHCT245N	Octal Bus Transceiver	0.46
◆ 636-SN74AHCT373DW	Octal D-Type Latch	0.46
636-SN74AHCT373N	Octal D-Type Latch	0.46
74V1G Single Gate High Speed CMOS		
◆ 511-74V1G00S	Single 2-input NAND gate	0.28
◆ 511-74V1G02S	Single 2-input NOR gate	0.28
◆ 511-74V1G03S	Single 2-input NAND gate	0.28
◆ 511-74V1G04S	Single inverter	0.28
◆ 511-74V1G08S	Single 2-input AND gate	0.28
◆ 511-74V1G14S	Single schmitt inverter	0.28
◆ 511-74V1G32S	Single 2-input OR gate	0.28
◆ 511-74V1G70S	Single bus buffer	0.28
◆ 511-74V1G86S	Single exclusive OR gate	0.28
◆ 511-74V1G125S	Single bus buffer 3-State	0.28
74V1T Single Gate High Speed CMOS		
◆ 511-74V1T00S	Single 2-input NAND gate	0.28
◆ 511-74V1T02S	Single 2-input NOR gate	0.28
◆ 511-74V1T03S	Single 2-input NAND gate	0.28

STMicroelectronics
HARRIS Semiconductor
NTE Electronics, Inc.
SII Seiko Instruments

Digital Integrated Circuits

74VIT thru 74HC Series Sorted by Base Number

◆ Surface Mount Device

Supplier	Prefix
STMicroelectronics	511
Harris Semiconductor	570
Seiko Instrument	628
Fairchild	637
NTE	526
Various Manufacturers	620

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74V1T Single Gate High Speed CMOS (cont.)		
◆511-74V1T04S	Single inverter	0.28
◆511-74V1T08S	Single 2-input AND gate	0.28
◆511-74V1T14S	Single schmitt inverter	0.28
◆511-74V1T32S	Single 2-input OR gate	0.28
◆511-74V1T70S	Single bus buffer	0.28
◆511-74V1T86S	Single exclusive OR gate	0.28
◆511-74V1T125S	Single bus buffer 3-State	0.28
75V Series Mini-Logic		
◆628-75V00AN	Quad 2-input NAND Gate	0.20
◆628-75V02AN	Quad 2-input NOR Gate	0.20
◆628-75V04AN	Hex Inverter/Buffer	0.20
◆628-75V08AN	Quad 2-input AND Gate	0.20
◆628-75V14AN	Hex Schmitt Inverter	0.20
◆628-75V32AN	Quad 2-input OR Gate	0.20
◆628-75V86AN	Quad Exclusive OR Gate	0.20
◆628-75VU04AN	Unbuffered Hex Inverter	0.20
74C Series TTL		
526-NTE74C00	Quad 2-input NAND Gate	1.96
526-NTE74C02	Quad 2-input NOR Gate	0.88
526-NTE74C04	Hex Inverter/Buffer	1.00
526-NTE74C08	Quad 2-input AND Gate	1.96
526-NTE74C14	Hex Schmitt Inverter	1.41
526-NTE74C20	Dual 4-input NAND Gate	1.26
526-NTE74C30	8-input NAND Gate	0.97
526-NTE74C32	Quad 2-input OR Gate	0.88
526-NTE74C74	Dual D-type Flip/Flop	2.80
526-NTE74C85	4-bit Magnitude Comparator	4.90
526-NTE74C90	Decade Counter	4.26
526-NTE74C151	8 to 1 Line Multiplexer	6.10
526-NTE74C154	4 to 16 Line Decoder/Multiplxr	9.66
526-NTE74C164	8-bit SIPO Shift Register	4.64
526-NTE74C175	Quad D-type Flip/Flop w/Clear	3.10
526-NTE74C192	Sync Up/Down Dec Counter	4.95
526-NTE74C193	Sync Up/Down Binary Counter	4.88
526-NTE74C221	Dual Monostable Multivibrator	8.18
526-NTE74C244	Octal Bus Buffer 3-Stage	3.59
526-NTE74C901	Hex Inverting Buffer	4.36
526-NTE74C902	Hex Non-Inverting Buffer	3.68
526-NTE74C922	16-key Encoder 3-Stage	12.45
526-NTE74C923	20-key Encoder 3-Stage	11.29
526-NTE74C925	4-dig Counter w/ 7 Seg Drive	14.00
74F Series Fast Advanced Schottky TTL		
637-74F00PC	Quad 2-Input NAND Gate	0.22
◆637-74F00SC	Quad 2-Input NAND Gate	0.22
637-74F04PC	Hex Inverter/Buffer	0.22
◆637-74F04SC	Hex Inverter/Buffer	0.22
637-74F08PC	Quad 2-Input AND Gate	0.22
◆637-74F08SC	Quad 2-Input AND Gate	0.22
637-74F14PC	Hex Schmitt Inverter	0.35
◆637-74F14SC	Hex Schmitt Inverter	0.35
637-74F32PC	Quad 2-Input OR Gate	0.26
◆637-74F32SC	Quad 2-Input OR Gate	0.26
637-74F74PC	Dual D-Type Flip-Flop	0.29
◆637-74F74SC	Dual D-Type Flip-Flop	0.29
637-74F244PC	Octal Bus Buffer 3-State	0.38
◆637-74F244SC	Octal Bus Buffer 3-State	0.38
637-74F245PC	Octal Bus Transceiver	0.43
◆637-74F245SC	Octal Bus Transceiver	0.38
637-74F373PC	Octal D-Type Latch	0.43
◆637-74F373SC	Octal D-Type Latch	0.38
637-74F374PC	Octal D-Type Flip-Flop	0.42
◆637-74F374SC	Octal D-Type Flip-Flop	0.42
74HC Series High Speed CMOS		
511-M74HC00	Quad 2-input NAND Gate	0.34
◆511-M74HC00M	Quad 2-input NAND Gate	0.34
511-M74HC02	Quad 2-input NOR Gate	0.34
◆511-M74HC02M	Quad 2-input NOR Gate	0.34
570-CD74HC02E	Quad 2-input NOR Gate	0.35
511-M74HC03	Quad 2-input NAND Gate	0.34
◆511-M74HC03M	Quad 2-input NAND Gate	0.34
511-M74HC04	Hex Inverter/Buffer	0.34
◆511-M74HC04M	Hex Inverter/Buffer	0.34
620-74HC04N	Hex Inverter/Buffer	0.35
◆620-74HC04M	Hex Inverter/Buffer	0.35
511-M74HC05	Hex Inverter	0.34
511-M74HC08	Quad 2-input AND Gate	0.34
◆511-M74HC08M	Quad 2-input AND Gate	0.34
570-CD74HC08E	Quad 2-input AND Gate	0.35
511-M74HC10	Triple 3-input NAND Gate	0.34
◆511-M74HC10M	Triple 3-input NAND Gate	0.34

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74HC Series High Speed CMOS (cont.)		
570-CD74HC10E	Triple 3-input NAND Gate	0.37
511-M74HC11	Triple 3-input AND Gate	0.34
◆511-M74HC11M	Triple 3-input AND Gate	0.34
570-CD74HC11E	Triple 3-input AND Gate	0.37
511-M74HC14	Hex Schmitt Inverter	0.40
◆511-M74HC14M	Hex Schmitt Inverter	0.40
620-74HC14D	Hex Schmitt Inverter	0.42
511-M74HC20	Dual 4-input NAND Gate	0.34
◆511-M74HC20M	Dual 4-input NAND Gate	0.34
511-M74HC21	Dual 4-input AND Gate	0.34
◆511-M74HC21M	Dual 4-input AND Gate	0.34
511-M74HC27	Triple 3-input NOR Gate	0.34
◆511-M74HC27M	Triple 3-input NOR Gate	0.34
511-M74HC30	8-input NAND Gate	0.34
◆511-M74HC30M	8-input NAND Gate	0.34
511-M74HC32	Quad 2-input OR Gate	0.34
◆511-M74HC32M	Quad 2-input OR Gate	0.34
511-M74HC42	BCD to Decimal Decoder	0.52
◆511-M74HC42M	BCD to Decimal Decoder	0.52
511-M74HC51	Dual AND/OR Inverter Gate	0.34
511-M74HC73	Dual J-K Flip/Flop with Clear	0.40
◆511-M74HC73M	Dual J-K Flip/Flop with Clear	0.40
511-M74HC74	Dual D-type Flip/Flop	0.40
◆511-M74HC74M	Dual D-type Flip/Flop	0.40
620-74HC74D	Dual D-type Flip/Flop	0.40
620-SN74HC74N	Dual D-type Flip/Flop	0.40
511-M74HC75	4-bit D-type Latch	0.40
511-M74HC76	Dual J-K Flip/Flop	0.40
511-M74HC85	4-bit Magnitude Comparator	0.52
◆511-M74HC85M	4-bit Magnitude Comparator	0.52
511-M74HC86	Quad Exclusive OR Gate	0.40
◆511-M74HC86M	Quad Exclusive OR Gate	0.40
511-M74HC107	Dual J-K Flip/Flop	0.40
◆511-M74HC107M	Dual J-K Flip/Flop	0.40
511-M74HC109	Dual J-K Flip/Flop w/Ps & Clr	0.40
◆511-M74HC109M	Dual J-K Flip/Flop w/Ps & Clr	0.40
511-M74HC112	Dual J-K Flip/Flop w/Ps & Clr	0.40
511-M74HC113	Dual J-K Flip/Flop with Preset	0.40
511-M74HC123	Dual Monostable Multivibrator	0.56
◆511-M74HC123M	Dual Monostable Multivibrator	0.60
570-CD74HC123E	Dual Monostable Multivibrator	0.57
511-M74HC125	Quad Bus Buffer 3-State	0.40
◆511-M74HC125M	Quad Bus Buffer 3-State	0.40
570-CD74HC125E	Quad Bus Buffer 3-State	0.50
511-M74HC126	Quad Bus Buffer 3-State	0.40
◆511-M74HC126M	Quad Bus Buffer 3-State	0.40
570-CD74HC126E	Quad Bus Buffer 3-State	0.57
511-M74HC132	Quad 2-input Schmitt NAND	0.40
◆511-M74HC132M	Quad 2-input Schmitt NAND	0.40
620-74HC132N	Quad 2-input Schmitt NAND	0.54
511-M74HC133	13-input NAND Gate	0.34
◆511-M74HC133M	13-input NAND Gate	0.34
511-M74HC137	3 to 8 Line Decoder Latch	0.50
◆511-M74HC137M	3 to 8 Line Decoder Latch	0.50
511-M74HC138	3 to 8 Line Decoder	0.48
511-M74HC138M	3 to 8 Line Decoder	0.48
620-74HC138N	3 to 8 Line Decoder	0.46
511-M74HC139	Dual 2 to 4 Line Decoder	0.44
◆511-M74HC139M	Dual 2 to 4 Line Decoder	0.44
570-CD74HC139E	Dual 2 to 4 Line Decoder	0.49
511-M74HC147	10 to 4 Line Primary Encoder	0.48
◆511-M74HC147M	10 to 4 Line Primary Encoder	0.48
511-M74HC148	8 to 3 Line Primary Encoder	0.52
◆511-M74HC148M	8 to 3 Line Primary Encoder	0.52
511-M74HC151	8 to 1 Line Multiplexer	0.44
◆511-M74HC151M	8 to 1 Line Multiplexer	0.44
511-M74HC153	Dual 4 to 1 Line Multiplexer	0.48
◆511-M74HC153M	Dual 4 to 1 Line Multiplexer	0.48
511-M74HC154	4 to 16 Line Decoder/Multiplexr	2.20
◆511-M74HC154M	4 to 16 Line Decoder/Multiplexr	2.66
511-M74HC155	Dual 2 to 4 Line Decoder	0.48
◆511-M74HC155M	Dual 2 to 4 Line Decoder	0.48
511-M74HC157	Quad 2 to 1 Line Multiplexer	0.44
◆511-M74HC157M	Quad 2 to 1 Line Multiplexer	0.44
570-CD74HC157E	Quad 2 to 1 Line Multiplexer	0.51
511-M74HC161	4-bit Async Binary Counter	0.52
◆511-M74HC161M	4-bit Async Binary Counter	0.52
511-M74HC163	4-bit Sync Binary Counter	0.52
◆511-M74HC163M	4-bit Sync Binary Counter	0.52
511-M74HC164	8-bit SIPO Shift Register	0.50

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Description	Price Each 1-99
74HC Series High Speed CMOS (cont.)		
◆511-M74HC164M	8-bit SIPO Shift Register	0.50
570-CD74HC164E	8-bit SIPO Shift Register	0.55
511-M74HC165	8-bit PISO Shift Register	0.50
◆511-M74HC165M	8-bit PISO Shift Register	0.50
620-74HC165N	8-bit PISO Shift Register	0.55
511-M74HC166	8-bit PISO Shift Register	0.52
◆511-M74HC166M	8-bit PISO Shift Register	0.52
511-M74HC173	Quad D-type Reg 3-Stage	0.52
◆511-M74HC173M	Quad D-type Reg 3-Stage	0.52
511-M74HC174	Hex D-type Flip/Flop with Clear	0.52
◆511-M74HC174M	Hex D-type Flip/Flop with Clear	0.52
511-M74HC175	Quad D-type Flip/Flop w/Clear	0.52
◆511-M74HC175M	Quad D-type Flip/Flop w/Clear	0.52
511-M74HC190	BCD Sync Up/Down Counter	0.72
◆511-M74HC190M	BCD Sync Up/Down Counter	0.72
511-M74HC191	4-bit Sync Binary Up/Down	0.72
◆511-M74HC191M	4-bit Sync Binary Up/Down	0.72
511-M74HC192	Sync Up/Down Decade Countr	0.62
511-M74HC193	Sync Up/Down Binary Counter	0.62
◆511-M74HC193M	Sync Up/Down Binary Counter	0.62
570-CD74HC193E	Sync Up/Down Binary Counter	0.61
511-M74HC194	4-bit PIPO Shift Register	0.58
511-M74HC221	Dual Monostable Multivibrator	0.52
◆511-M74HC221M	Dual Monostable Multivibrator	0.52
570-CD74HC221E	Dual Monostable Multivibrator	0.75
511-M74HC237	3 to 8 Line Decoder	0.52
511-M74HC238	3 to 8 Line Decoder	0.50
◆511-M74HC238M	3 to 8 Line Decoder	0.50
511-M74HC240	Octal Bus Buffer 3-Stage	0.62
◆511-M74HC240M	Octal Bus Buffer 3-Stage	0.62
511-M74HC241	Octal Bus Buffer 3-Stage	0.62
511-M74HC243	Quad Bus Transceiver	0.56
511-M74HC244	Octal Bus Buffer 3-Stage	0.62
◆511-M74HC244M	Octal Bus Buffer 3-Stage	0.62
570-CD74HC244E	Octal Bus Buffer 3-Stage	0.61
511-M74HC245	Octal Bus Transceiver	0.80
◆511-M74HC245M	Octal Bus Transceiver	0.80
570-CD74HC245E	Octal Bus Transceiver	0.61
511-M74HC251	8-Chan Multiplexer 3-Stage	0.48
◆511-M74HC251M	8-Chan Multiplexer 3-Stage	0.48
511-M74HC253	Dual 4-Channel Multiplexer	0.48
◆511-M74HC253M	Dual 4-Channel Multiplexer	0.48
511-M74HC257	Quad 2-Channel Multiplexer	0.48
◆511-M74HC257M	Quad 2-Channel Multiplexer	0.48
511-M74HC259	8-bit Addressable Latch	0.56
◆511-M74HC259M	8-bit Addressable Latch	0.56
511-M74HC266	Quad exclusive OR gate	0.44
◆511-M74HC266M	Quad exclusive OR gate	0.44
511-M74HC273	Octal D-type Flip/Flop w/Clear	0.62
◆511-M74HC273M	Octal D-type Flip/Flop w/Clear	0.62
570-CD74HC273E	Octal D-type Flip/Flop w/Clear	0.61
511-M74HC279	Quad Set/Reset Latch	0.50
511-M74HC280	9-bit Parity Generator	0.52
511-M74HC283	4-bit Binary Full Adder	0.56
◆511-M74HC283M	4-bit Binary Full Adder	0.56
511-M74HC299	8-bit FIFO Shift Register	0.96
◆511-M74HC299M	8-bit FIFO Shift Register	0.96
511-M74HC365	Hex Bus Buffer Non-Inverting	0.44
◆511-M74HC365M	Hex Bus Buffer Non-Inverting	0.44
511-M74HC366	Hex Bus Buffer Inverter	0.44
511-M74HC367	Hex Bus Buffer Non-Inverting	0.44
◆511-M74HC367M	Hex Bus Buffer Non-Inverting	0.44
511-M74HC368	Hex Bus Buffer Inverter	0.44
◆511-M74HC368M	Hex Bus Buffer Inverter	0.44
511-M74HC373	Octal D-type Latch	0.62
◆511-M74HC373M	Octal D-type Latch	0.62
570-CD74HC373E	Octal D-type Latch	0.61
511-M74HC374	Octal D-type Flip/Flop	0.62
◆511-M74HC374M	Octal D-type Flip/Flop	0.62
570-CD74HC374E	Octal D-type Flip/Flop	0.61
511-M74HC377	Octal D-type Flip/Flop	0.58
◆511-M74HC377M	Octal D-type Flip/Flop	0.58
511-M74HC390	Dual Decade Counter	0.58
◆511-M74HC390M	Dual Decade Counter	0.58
570-CD74HC390E	Dual Decade Counter	0.68
511-M74HC393	Dual Binary Counter	0.58
◆511-M74HC393M	Dual Binary Counter	0.58
570-CD74HC393E	Dual Binary Counter	0.61
511-M74HC423	Dual Monostable with Clear	0.52
511-M74HC533	Octal D-type Latch	0.62
511-M74HC534	Octal D-type Flip/Flop Inverter	0.62

STMicroelectronics
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Digital Integrated Circuits

74HC Series thru 74LS Series Sorted by Base Number

Supplier	Prefix
STMicroelectronics	511
Harris Semiconductor	570
AVG Semiconductor	605
NTE	526
Various Manufacturers	620

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74HC Series High Speed CMOS (cont.)		
511-M74HC540	Octal Bus Buffer Inverter	0.70
◆ 511-M74HC540M	Octal Bus Buffer Inverter	0.70
511-M74HC541	Octal Bus Buffer	0.70
◆ 511-M74HC541M	Octal Bus Buffer	0.70
570-CD74HC541E	Octal Bus Buffer	0.68
◆ 570-CD74HC541M	Octal Bus Buffer	0.84
511-M74HC563	Octal D-type Latch	0.70
511-M74HC564	Octal D-type Flip/Flop Inverter	0.70
511-M74HC573	Octal D-type Latch	0.70
◆ 511-M74HC573M	Octal D-type Latch	0.70
570-CD74HC573E	Octal D-type Latch	0.68
◆ 570-CD74HC573M	Octal D-type Latch	0.68
511-M74HC574	Octal D-type Flip/Flop	0.70
◆ 511-M74HC574M	Octal D-type Flip/Flop	0.70
620-74HC574N	Octal D-type Flip/Flop	0.68
511-M74HC590	8-bit Binary Counter Register	0.86
◆ 511-M74HC590M	8-bit Binary Counter Register	0.86
511-M74HC595	8-bit Shift Register Latch	0.82
◆ 511-M74HC595M	8-bit Shift Register Latch	0.82
511-M74HC597	8-bit Shift Register Latch	0.82
◆ 511-M74HC597M	8-bit Shift Register Latch	0.82
570-CD74HC597E	8-bit Shift Register Latch	0.70
511-M74HC623	Octal Bus Transceiver	0.84
511-M74HC640	Octal Bus Transceiver	0.88
511-M74HC670	4 Word x 4 Bit Register File	0.84
511-M74HC688	8-bit Equality Comparator	0.82
◆ 511-M74HC688M	8-bit Equality Comparator	0.82
570-CD74HC688E	8-bit Equality Comparator	0.82
511-M74HC4002	Dual 4-input NOR Gate	0.34
◆ 511-M74HC4002M	Dual 4-input NOR Gate	0.34
511-M74HC4016	Quad Bilateral Switch	0.44
◆ 511-M74HC4016M	Quad Bilateral Switch	0.44
511-M74HC4017	Decade Counter/Divide	0.60
◆ 511-M74HC4017M	Decade Counter/Divide	0.60
511-M74HC4020	14-Stage Binary Counter	0.70
◆ 511-M74HC4020M	14-Stage Binary Counter	0.70
511-M74HC4024	7-Stage Binary Counter	0.52
◆ 511-M74HC4024M	7-Stage Binary Counter	0.52
511-M74HC4040	12-Stage Binary Counter	0.68
◆ 511-M74HC4040M	12-Stage Binary Counter	0.68
620-74HC4040N	12-Stage Binary Counter	0.54
620-CD74HC4046AE	Phased-lock Loop w/VCO	2.00
511-M74HC4049	Hex Buffer Inverter	0.44
◆ 511-M74HC4049M	Hex Buffer Inverter	0.44
511-M74HC4050	Hex Buffer Non-Inverting	0.44
◆ 511-M74HC4050M	Hex Buffer Non-Inverting	0.44
511-M74HC4051	Analog Multiplexr/Demultiplxr	0.84
◆ 511-M74HC4051M	Analog Multiplexr/Demultiplxr	0.84
570-CD74HC4051E	Analog Multiplexr/Demultiplxr	0.73
511-M74HC4052	Dual 4-Channel Analog Multi	0.84
◆ 511-M74HC4052M	Dual 4-Channel Analog Multi	0.84
511-M74HC4053	Triple 2-Ch Ana Multi/Demul	0.84
◆ 511-M74HC4053M	Triple 2-Ch Ana Multi/Demul	0.84
570-CD74HC4053E	Triple 2-Ch Ana Multi/Demul	0.65
511-M74HC4060	14-Stage Bin Counter/Osc	0.64
◆ 511-M74HC4060M	14-Stage Bin Counter/Osc	0.64
570-CD74HC4060E	14-Stage Bin Counter/Osc	0.75
511-M74HC4066	Quad Bilateral Switch	0.44
◆ 511-M74HC4066M	Quad Bilateral Switch	0.44
570-CD74HC4066E	Quad Bilateral Switch	0.61
511-M74HC4072	Dual 4-input OR Gate	0.34
511-M74HC4075	Triple 3-input OR Gate	0.34
◆ 511-M74HC4075M	Triple 3-input OR Gate	0.34
511-M74HC4078	8-input NOR Gate	0.34
◆ 511-M74HC4078M	8-input NOR Gate	0.34
511-M74HC4094	8-bit SIPO Shift 3-Stage	0.70
◆ 511-M74HC4094M	8-bit SIPO Shift 3-Stage	0.70
511-M74HC4316	Quad Analog Switch	0.48
◆ 511-M74HC4316M	Quad Analog Switch	0.48
511-M74HC4511	BCD to 7 SEG Latch/Dec	0.64
511-M74HC4514	4 to 16 Line Decoder/Demult	2.20
511-M74HC4515	4 to 16 Line Decoder w/In	2.20
511-M74HC4518	Dual Sync BCD Counter	0.62
511-M74HC4520	Dual 4-bit Binary Counter	0.62
◆ 511-M74HC4520M	Dual 4-bit Binary Counter	0.62
511-M74HC4538	Dual Monostable Multivibratr	0.64
◆ 511-M74HC4538M	Dual Monostable Multivibratr	0.64
511-M74HC4543	BCD to 7-SEG Latch Drive	0.70
511-M74HC7266	Quad 2-in Exclusive NOR	0.44
◆ 511-M74HC7266M	Quad 2-in Exclusive NOR	0.44

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74HC Series High Speed CMOS (cont.)		
570-CD74HC40103E	8-bit Binary Down Counter	0.87
511-M74HCU04	Hex Inverter Single Stage	0.34
◆ 511-M74HCU04M	Hex Inverter Single Stage	0.34
74HCT Series High Speed CMOS		
511-M74HCT00	Quad 2-input NAND Gate	0.34
◆ 511-M74HCT00M	Quad 2-input NAND Gate	0.34
570-CD74HCT00E	Quad 2-input NAND Gate	0.30
◆ 570-CD74HCT00M	Quad 2-input NAND Gate	0.38
511-M74HCT02	Quad 2-input NOR Gate	0.34
◆ 511-M74HCT02M	Quad 2-input NOR Gate	0.34
511-M74HCT04	Hex Inverter/Buffer	0.34
◆ 511-M74HCT04M	Hex Inverter/Buffer	0.34
570-CD74HCT04E	Hex Inverter/Buffer	0.30
511-M74HCT08	Quad 2-input AND Gate	0.34
◆ 511-M74HCT08M	Quad 2-input AND Gate	0.34
570-CD74HCT08E	Quad 2-input AND Gate	0.31
511-M74HCT10	Triple 3-input NAND Gate	0.34
◆ 511-M74HCT10M	Triple 3-input NAND Gate	0.34
570-CD74HCT11E	Triple 3-input AND Gate	0.34
511-M74HCT14	Hex Schmitt Inverter	0.40
◆ 511-M74HCT14M	Hex Schmitt Inverter	0.40
511-M74HCT27	Triple 3-input NOR Gate	0.34
511-M74HCT30	8-input NAND Gate	0.34
◆ 511-M74HCT30M	8-input NAND Gate	0.34
511-M74HCT32	Quad 2-input OR Gate	0.34
◆ 511-M74HCT32M	Quad 2-input OR Gate	0.34
570-CD74HCT32E	Quad 2-input OR Gate	0.32
511-M74HCT74	Dual D-type Flip/Flop	0.44
◆ 511-M74HCT74M	Dual D-type Flip/Flop	0.44
570-CD74HCT74E	Dual D-type Flip/Flop	0.36
570-CD74HCT85E	4-bit Magnitude Comparator	0.57
511-M74HCT86	Quad Exclusive OR Gate	0.40
◆ 511-M74HCT86M	Quad Exclusive OR Gate	0.40
511-M74HCT125	Quad 3-State Buffer	0.40
◆ 511-M74HCT125M	Quad 3-State Buffer	0.40
511-M74HCT137	3 to 8 Line Decoder/Multiplexer	0.50
511-M74HCT138	3 to 8 Line Decoder	0.48
◆ 511-M74HCT138M	3 to 8 Line Decoder	0.48
620-74HCT138N	3 to 8 Line Decoder	0.42
570-CD74HCT139E	Dual 2 to 4 Line Decoder	0.51
511-M74HCT157	Quad 2 to 1 Line Multiplexer	0.52
◆ 511-M74HCT157M	Quad 2 to 1 Line Multiplexer	0.52
511-M74HCT158	Quad 2 to 1 Line Multiplexer	0.52
570-CD74HCT161E	4-bit Async Binary Counter	0.51
511-M74HCT164	8-bit SIPO Shift Register	0.50
570-CD74HCT164E	8-bit SIPO Shift Register	0.53
511-M74HCT174	Hex D-type Flip/Flop w/Clear	0.52
620-74HCT191N	4-bit Sync Binary Up/Down	0.68
◆ 570-CD74HCT191M	4-bit Sync Binary Up/Down	0.68
570-CD74HCT221E	Dual Monostable Multiplexer	0.68
511-M74HCT240	Quad Bus Transceiver	0.68
511-M74HCT241	Quad Bus Transceiver	0.68
◆ 511-M74HCT241M	Quad Bus Transceiver	0.68
511-M74HCT244	Octal Bus Buffer 3-Stage	0.68
◆ 511-M74HCT244M	Octal Bus Buffer 3-Stage	0.68
620-SN74HCT244N	Octal Bus Buffer 3-Stage	0.64
511-M74HCT245	Octal Bus Transceiver	0.80
◆ 511-M74HCT245M	Octal Bus Transceiver	0.80
511-M74HCT257	Quad 2-Channel Multiplexer	0.50
◆ 511-M74HCT257M	Quad 2-Channel Multiplexer	0.50
511-M74HCT273	Octal D-type Flip/Flop w/Clear	0.66
◆ 511-M74HCT273M	Octal D-type Flip/Flop w/Clear	0.66
570-CD74HCT273E	Octal D-type Flip/Flop w/Clear	0.66
◆ 511-M74HCT367M	Hex Bus Buffer Non-Inverter	0.44
511-M74HCT373	Octal D-type Latch	0.68
◆ 511-M74HCT373M	Octal D-type Latch	0.68
620-74HCT373N	Octal D-type Latch	0.64
511-M74HCT374	Octal D-type Flip/Flop	0.68
◆ 511-M74HCT374M	Octal D-type Flip/Flop	0.68
570-CD74HCT393E	Dual Binary Counter	0.80
511-M74HCT540	Octal Bus Buffer Inverter	0.70
◆ 511-M74HCT540M	Octal Bus Buffer Inverter	0.70
620-74HCT540N	Octal Bus Buffer Inverter	0.77
511-M74HCT541	Octal Bus Buffer	0.70
◆ 511-M74HCT541M	Octal Bus Buffer	0.70
511-M74HCT573	Octal D-type Latch	0.70
◆ 511-M74HCT573M	Octal D-type Latch	0.70
620-74HCT573N	Octal D-type Latch	0.79
◆ 570-CD74HCT573M	Octal D-type Latch	0.79
511-M74HCT574	Octal D-type Flip/Flop	0.70

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74HCT Series High Speed CMOS (cont.)		
◆ 511-M74HCT574M	Octal D-type Flip/Flop	0.70
570-CD74HCT574E	Octal D-type Flip/Flop	0.77
◆ 570-CD74HCT574M	Octal D-type Flip/Flop	0.94
511-M74HCT640	Octal Bus Transceiver	0.92
511-M74HCT646	Octal Bus Transceiver	2.48
511-M74HCT688	8-bit Equality Comparator	0.82
570-CD74HCT688E	8-bit Equality Comparator	0.83
570-CD74HCT4002E	Dual 4-Input NOR Gate	0.64
511-M74HCT7007	Hex Buffer	0.40
511-M74HCT7259	8-bit Addressable Latch	2.48
◆ 511-M74HCT7259M	8-bit Addressable Latch	2.48
74ALS Series Advanced Low Power Schottky TTL		
605-74ALS00AN	Quad 2-Input NAND Gate	0.29
605-74ALS02N	Quad 2-Input NOR Gate	0.29
605-74ALS04BN	Hex Inverter/Buffer	0.29
605-74ALS05AN	Hex Inverter	0.29
605-74ALS08N	Quad 2-input AND Gate	0.29
605-74ALS32N	Quad 2-input OR Gate	0.29
605-74ALS109AN	Dual J-K Flip/Flop	0.34
605-74ALS125N	Octal Bus Buffer 3-State	0.29
605-74ALS138N	3 to 8 Line Decoder	0.34
605-74ALS161BN	4-Bit Async Binary Counter	0.34
605-74ALS163BN	4-Bit Sync Binary Counter	0.34
605-74ALS174N	Hex D-type Flip/Flop w/Clr	0.34
605-74ALS175N	Quad D-type Flip/Flop	0.34
605-74ALS240AN	Octal Bus Buffer 3-State	0.57
605-74ALS241AN	Octal Bus Buffer 3-State	0.57
◆ 605-74ALS244AD	Octal Bus Buffer 3-State	0.83
605-74ALS244AN	Octal Bus Buffer 3-State	0.57
605-74ALS245AN	Octal Bus Transceiver	0.57
605-74ALS257N	Quad 2-Channel Multiplexer	0.34
605-74ALS374N	Octal D-type Flip/Flop	0.57
605-74ALS573BN	Octal D-type Latch	0.57
605-74ALS574AN	Octal D-type Flip/Flop	0.57
74LS Series Low Power Schottky TTL		
605-74LS00N	Quad 2-input NAND Gate	0.29
605-74LS02N	Quad 2-input NOR Gate	0.29
605-74LS03N	Quad 2-input NAND Gate	0.29
605-74LS04N	Hex Inverter/Buffer	0.29
605-74LS05N	Hex Inverter	0.29
605-74LS08N	Quad 2-input AND Gate	0.29
605-74LS10N	Triple 3-input NAND Gate	0.29
605-74LS11N	Triple 3-input AND Gate	0.29
605-74LS14N	Hex Schmitt Trigger	0.38
605-74LS20N	Dual 4-input NAND Gate	0.29
605-74LS27N	Triple 3-input NOR Gate	0.29
605-74LS30N	8-input NAND Gate	0.29
605-74LS32N	Quad 2-input OR Gate	0.29
620-74LS38N	Quad 2-input NAND Gate	0.39
605-74LS51N	Dual AND/OR Inverter Gate	0.29
620-74LS73AN	Dual J-K Flip/Flop	0.51
526-NTE74LS55	AND/OR Inverter Gate	0.92
605-74LS74AN	Dual D-type Flip/Flop	0.29
526-NTE74LS76A	Dual J-K Flip/Flop	0.99
605-74LS85N	4-bit Magnitude Comparator	0.34
620-74LS86N	Quad Exclusive or Gate	0.39
605-74LS109AN	Dual J-K Flip/Flop	0.34
605-74LS112AN	Dual J-K Flip/Flop	0.34
620-74LS123N	Dual Monostable Multivibrator	0.46
◆ 620-74LS123D	Dual Monostable Multivibrator	0.46
◆ 605-74LS125AD	Quad Bus Buffer 3-State	0.43
605-74LS125AN	Quad Bus Buffer 3-State	0.29
620-74LS126AN	Quad 3-State Buffer	0.49
620-74LS132N	Quad 2-Input Schmitt Trigger	0.56
605-74LS138N	3 to 8 Line Decoder	0.34
605-74LS139N	Dual 2 to 4 Line Decoder	0.34
605-74LS153N	Dual 4 to 1 Line Multiplexer	0.34
605-74LS155N	Dual 1 to 4 Decoder/Multplx	0.34
620-74LS156N	Dual 1 to 4 Line Decoder	0.49
◆ 620-74LS156D	Dual 1 to 4 Line Decoder	0.49
605-74LS157N	Quad 2 to 1 Line Multiplexer	0.34
605-74LS161AN	4-bit Async Binary Counter	0.34
605-74LS163AN	4-bit Sync Binary Counter	0.34
620-74LS164N	8-bit SIPO Shift Register	0.49
620-74LS165N	Serial Out Shift Register	0.48
605-74LS174N	Hex D-type Flip/Flop w/Clr	0.34
605-74LS175N	Quad D-type Flip/Flop w/Clr	0.34
605-74LS191N	4-bit Sync Binary Up/Down	0.34
526-NTE74LS192	Sync Up/Down Dec Counter	2.63
620-74LS221N	Dual Monostable Multivibrator	0.53

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Digital Integrated Circuits

74LS Series Thru 4000 Series Sorted by Base Number

Supplier	Prefix
STMicroelectronics	511
Harris Semiconductor	570
AVG Semiconductor	605
Fairchild	637
NTE	526
Various Manufacturers	620

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
74LS Series Low Power Schottky TTL (cont.)		
620-74LS221N	Dual Monostable Multivibrator	0.53
605-74LS240N	Octal Bus Buffer 3-Stage	0.43
605-74LS241N	Octal Bus Buffer 3-Stage	0.43
◆ 605-74LS244D	Octal Bus Buffer 3-Stage	0.60
605-74LS244N	Octal Bus Buffer 3-Stage	0.43
◆ 605-74LS245D	Octal Bus Transceiver	0.60
605-74LS245N	Octal Bus Transceiver	0.43
605-74LS251N	8-Chan Multiplexer 3-Stage	0.34
605-74LS253N	Dual 4-Channel Multiplexer	0.34
605-74LS257BN	Quad 2-Channel Multiplexer	0.34
605-74LS258BN	Quad 2-Channel Multiplexer	0.34
605-74LS259N	8-bit Addressable Latch	0.43
605-74LS273N	Octal D-type Flip/Flop w/Clr	0.43
620-74LS279N	Quad Set-Reset Latch	0.49
620-74LS283N	4-bit Binary Full Adder	0.54
620-74LS365AN	3-State Hex Buffer	0.61
620-74LS367AN	3-State Hex Buffer	0.53
620-74LS373N	Octal D-type Latch	0.54
◆ 620-74LS373D	Octal D-type Latch	0.54
605-74LS374N	Octal D-type Flip/Flop	0.43
605-74LS377N	Octal D-type Flip/Flop	0.54
605-74LS393N	Dual Binary Counter	0.43
74LCX Series Low Voltage CMOS		
◆ 511-74LCX00M	Quad 2-input NAND Gate	0.46
◆ 511-74LCX00T	Quad 2-input NAND Gate	0.46
◆ 511-74LCX02M	Quad 2-input NOR Gate	0.52
◆ 511-74LCX02T	Quad 2-input NOR Gate	0.40
◆ 511-74LCX04M	Hex Inverter	0.46
◆ 511-74LCX04T	Hex Inverter	0.40
◆ 511-74LCX08M	Quad 2-input AND Gate	0.46
◆ 511-74LCX08T	Quad 2-input AND Gate	0.46
◆ 511-74LCX14M	Hex schmitt Inverter	0.52
◆ 511-74LCX14T	Hex schmitt Inverter	0.40
◆ 511-74LCX32M	Quad 2-input OR Gate	0.46
◆ 511-74LCX32T	Quad 2-input OR Gate	0.40
◆ 511-74LCX74M	Dual D-type Flip/Flop w Ps & clear	0.52
◆ 511-74LCX74T	Dual D-type Flip/Flop w Ps & clear	0.50
◆ 511-74LCX86M	Quad exclusive OR gate	0.46
◆ 511-74LCX86T	Quad exclusive OR gate	0.46
◆ 511-74LCX125M	Quad bus buffer (3-State)	0.60
◆ 511-74LCX125T	Quad bus buffer (3-State)	0.50
◆ 511-74LCX240M	Octal bus buffer (3-State/inverter)	1.12
◆ 511-74LCX240T	Octal bus buffer (3-State/inverter)	1.12
◆ 511-74LCX244M	Octal bus buffer (3-State)	1.12
◆ 511-74LCX244T	Octal bus buffer (3-State)	1.12
◆ 511-74LCX245M	Octal bus tranceiver (3-State)	1.12
◆ 511-74LCX245T	Octal bus tranceiver (3-State)	1.12
◆ 511-74LCX373M	Octal D-type latch (3-State)	0.96
◆ 511-74LCX374M	Octal D-type flip flop (3-State)	0.86
◆ 511-74LCX573M	Octal D-type latch (3-State)	1.02
◆ 511-74LCX574M	Octal D-type flip flop (3-State)	1.08
74LVQ Series Low Voltage CMOS		
◆ 511-74LVQ00M	Quad 2-input NAND Gate	0.34
◆ 511-74LVQ02M	Quad 2-input NOR Gate	0.34
◆ 511-74LVQ04M	Hex Inverter/Buffer	0.34
◆ 511-74LVQ08M	Quad 2-input AND Gate	0.34
◆ 511-74LVQ14M	Hex Inverter Schmitt Trigger	0.40
◆ 511-74LVQ32M	Quad 2-input OR Gate	0.34
◆ 511-74LVQ74M	Dual D-type Flip/Flop	0.42
◆ 511-74LVQ86M	Quad 2-input Exclusive OR Gate	0.46
◆ 511-74LVQ125M	Octal Bus Buffer 3-State	0.46
◆ 511-74LVQ138M	3 to 8 Line Decoder/Demultiplexer	0.46
◆ 511-74LVQ157M	Quad 2 to1 Line Multiplexer	0.50
◆ 511-74LVQ240M	Octal Buffer/Line Driver 3-State	0.62
◆ 511-74LVQ241M	Octal Bus Buffer 3-State	0.62
◆ 511-74LVQ244M	Octal Buffer/Line Driver 3-State	0.62
◆ 511-74LVQ245M	Octal Bus Transceiver 3-State	0.62
◆ 511-74LVQ273M	Octal D-type Flip/Flop with Reset	0.62
◆ 511-74LVQ373M	Quad Transparent Latch 3-State	0.62
◆ 511-74LVQ374M	Octal D-type Flip/Flop	0.62
◆ 511-74LVQ573M	Octal D-type Latch	0.62
◆ 511-74LVQ574M	Octal D-type Flip/Flop	0.62
74S Series Schottky TTL		
526-NTE74S00	Quad 2-input NAND Gate	0.97
526-NTE74S02	Quad 2-input NOR Gate	1.35
526-NTE74S03	Quad 2-input NAND Gate	0.97
526-NTE74S04	Hex Inverter/Buffer	1.21
526-NTE74S08	Quad 2-input AND Gate	1.13
526-NTE74S40	Dual 4-input NAND Buffer	1.10
526-NTE74S74	Dual D-type Flip/Flop	1.76
526-NTE74S112	Dual J-K Flip/Flop with Ps & Clear	2.11
526-NTE74S113	Dual J-K Flip/Flop	1.93
526-NTE74S140	Dual 4-input NAND Gate	1.61
526-NTE74S288	256-bit Prom 3-State	3.55
4000 Series CMOS		
◆ 511-4000BM	Dual 3-input NOR and Inverter	0.34

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
4000 Series CMOS (cont.)		
511-4001	Quad 2-input NOR Gate	0.34
◆ 511-4001BM	Quad 2-input NOR Gate	0.34
620-4001N	Quad 2-input NOR Gate	0.33
511-4002	Dual 4-input NOR Gate	0.34
◆ 511-4002BM	Dual 4-input NOR Gate	0.34
511-4007U	Dual Comparator Inverter	0.34
◆ 511-4007UBM	Dual Comparator Inverter	0.34
511-4009U	Hex Buffer/Converter	0.40
◆ 511-4009UBM	Hex Buffer/Converter	0.40
511-4010	Hex Buffer/Converter	0.40
◆ 511-4010BM	Hex Buffer/Converter	0.40
511-4011	Quad 2-input NAND Gate	0.34
◆ 511-4011BM	Quad 2-input NAND Gate	0.34
620-CD4011BCN	Quad 2-input Nand Gate	0.35
511-4012	Dual 4-input NAND Gate	0.34
◆ 511-4012BM	Dual 4-input NAND Gate	0.34
511-4013	Dual D-type Flip/Flop	0.40
◆ 511-4013BM	Dual D-type Flip/Flop	0.40
511-4014	8 Stage Sync Register	0.66
◆ 511-4014BM	8 Stage Sync Register	0.66
511-4015	Dual 4-Stage Shift Register	0.66
◆ 511-4015BM	Dual 4-Stage Shift Register	0.66
620-4015N	Dual 4-Stage Shift Register	0.61
511-4016	Quad Bilateral Switch	0.38
◆ 511-4016BM	Quad Bilateral Switch	0.38
511-4017	Decade Counter	0.60
◆ 511-4017BM	Decade Counter	0.60
570-CD4017BE	Decade Counter	0.61
511-4018	Presettable Counter	0.62
◆ 511-4018BM	Presettable Counter	0.62
511-4019	Quad AND/OR Select	0.40
◆ 511-4019BM	Quad AND/OR Select	0.40
511-4020	14-Stage Binary Counter	0.62
◆ 511-4020BM	14-Stage Binary Counter	0.62
570-CD4020BE	14-Stage Binary Counter	0.72
511-4021	8-Stage Async Parallel/Inverter	0.66
◆ 511-4021BM	8-Stage Async Parallel/Inverter	0.66
511-4022	Octal Counter/Divider	0.66
◆ 511-4022BM	Octal Counter/Divider	0.66
570-CD4022BE	Octal Counter/Divider	0.72
511-4023	Triple 3-input NAND Gate	0.34
◆ 511-4023BM	Triple 3-input NAND Gate	0.34
511-4024	7-Stage Binary Counter	0.48
◆ 511-4024BM	7-Stage Binary Counter	0.48
511-4025	Triple 3-input NOR Gate	0.34
◆ 511-4025BM	Triple 3-input NOR Gate	0.34
511-4027	Dual J-K with Set/Reset	0.44
◆ 511-4027BM	Dual J-K with Set/Reset	0.44
511-4028	BCD to Decimal Decoder	0.52
◆ 511-4028BM	BCD to Decimal Decoder	0.52
511-4029	Presettable Up/Down Counter	0.62
◆ 511-4029BM	Presettable Up/Down Counter	0.62
511-4030	Quad Exclusive OR Gate	0.40
◆ 511-4030BM	Quad Exclusive OR Gate	0.40
511-4035	4 Stage Parallel Register	0.58
◆ 511-4035BM	4 Stage Parallel Register	0.58
511-4040	12-Stage Binary Counter	0.62
◆ 511-4040BM	12-Stage Binary Counter	0.62
637-CD4040BCN	12-Stage Binary Counter	0.64
511-4041U	Quad True/Comparator	0.52
◆ 511-4041UBM	Quad True/Comparator	0.52
511-4042	Quad Clocked D Latch	0.44
511-4043	Quad NOR R/S 3-output	0.52
◆ 511-4043BM	Quad NOR R/S 3-output	0.52
511-4044	Quad NAND R/S 3-output	0.52
◆ 511-4044BM	Quad NAND R/S 3-output	0.52
511-4046	Phase-locked Loop	0.70
511-4047	Monostable Multivibrator	0.60
◆ 511-4047BM	Monostable Multivibrator	0.60
511-4049U	Hex Buffer/Converter	0.38
◆ 511-4049UBM	Hex Buffer/Converter	0.38
511-4050	Hex Buffer/Converter	0.38
◆ 511-4050BM	Hex Buffer/Converter	0.38
511-4051	8-Channel Analog Multiplexer	0.52
◆ 511-4051BM	8-Channel Analog Multiplexer	0.52
511-4052	Diff 4-Channel Multiplexer	0.52
◆ 511-4052BM	Diff 4-Channel Multiplexer	0.52
620-CD4052BE	Diff 4-Channel Multiplexer	0.61
511-4053	Triple 2-Channel Multiplexer	0.52
◆ 511-4053BM	Triple 2-Channel Multiplexer	0.52
511-4054	4-SEG LCD Display Driver	0.62
◆ 511-4054BM	4-SEG LCD Display Driver	0.62
511-4056	BCD to 7 SEG Decoder/Driver	0.62
◆ 511-4056BM	BCD to 7 SEG Decoder/Driver	0.62
511-4060	14-Stage Counter/Divider	0.62
◆ 511-4060BM	14-Stage Counter/Divider	0.62

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
4000 Series CMOS (cont.)		
570-CD4060BE	14-Stage Counter/Divider	0.65
511-4063	4-bit Magnitude Comparator	0.52
◆ 511-4063BM	4-bit Magnitude Comparator	0.52
511-4066	Quad Bilateral Switch	0.40
◆ 511-4066BM	Quad Bilateral Switch	0.40
620-4066N	Quad Bilateral Switch	0.47
◆ 511-4067BM	Single 16-Channel Multiplexer	2.72
511-4068	8-input NAND/AND Gate	0.34
◆ 511-4068BM	8-input NAND/AND Gate	0.34
511-4069U	Hex Inverter	0.34
◆ 511-4069UBM	Hex Inverter	0.34
570-CD4069UBE	Hex Inverter	0.40
511-4070	Quad Exclusive OR Gate	0.34
◆ 511-4070BM	Quad Exclusive OR Gate	0.34
620-4070N	Quad Exclusive OR Gate	0.38
511-4071	Quad 2-input OR Gate	0.34
◆ 511-4071BM	Quad 2-input OR Gate	0.34
570-CD4071BE	Quad 2-input OR Gate	0.38
511-4072	Dual 4-input OR Gate	0.34
◆ 511-4072BM	Dual 4-input OR Gate	0.34
511-4073	Triple 3-input AND Gate	0.34
◆ 511-4073BM	Triple 3-input AND Gate	0.34
◆ 511-4075BM	Triple 3-input OR Gate	0.34
570-CD4075BE	Triple 3-input OR Gate	0.33
511-4076	4 Bit D-type Register	0.58
◆ 511-4076BM	4 Bit D-type Register	0.58
570-CD4076BE	4 Bit D-type Register	0.84
511-4077	Quad Exclusive NOR Gate	0.34
◆ 511-4077BM	Quad Exclusive NOR Gate	0.34
511-4078	8-input NOR/OR Gate	0.34
◆ 511-4078BM	8-input NOR/OR Gate	0.34
511-4081	Quad 2-input AND Gate	0.34
◆ 511-4081BM	Quad 2-input AND Gate	0.34
570-CD4081BE	Quad 2-input AND Gate	0.35
511-4082	Dual 4-input AND Gate	0.34
◆ 511-4082BM	Dual 4-input AND Gate	0.34
511-4093	Quad 2-input NAND Schmitt	0.38
◆ 511-4093BM	Quad 2-input NAND Schmitt	0.38
511-4094	8-Stage Shift/Store Register	0.60
◆ 511-4094BM	8-Stage Shift/Store Register	0.60
511-4095	Gated J-K Non-Invert Flip/Flop	0.60
◆ 511-4097BM	8-Channel Multplexer/Demulti	2.72
511-4098	Dual Monostable Multivibrator	0.56
◆ 511-4098BM	Dual Monostable Multivibrator	0.56
511-4099	8 Bit Addressable Latch	0.68
◆ 511-4099BM	8 Bit Addressable Latch	0.68
◆ 511-4502BM	3-State Hex/Inverter Buffer	0.56
511-4503	3-State Hex/Non-Invert Buffer	0.58
◆ 511-4503BM	3-State Hex/Non-Invert Buffer	0.58
511-4511	BCD to 7 SEG Latch Decoder	0.78
◆ 511-4511BM	BCD to 7 SEG Latch Decoder	0.78
620-4511N	BCD to 7 SEG Latch Decoder	0.79
511-4512	8-Channel Data Selector	0.50
◆ 511-4512BM	8-Channel Data Selector	0.50
570-CD4514BE	4 bit Latch/4-16 Line Decoder	1.39
511-4516	Preset 4 bit Up/Down Counter	0.64
511-4517	Dual 64-Stage Shift Register	1.58
511-4518	Dual BCD Up Counter	0.58
◆ 511-4518BM	Dual BCD Up Counter	0.58
511-4520	Dual Bin Up Counter	0.58
◆ 511-4520BM	Dual Bin Up Counter	0.58
511-4532	8-input Priority Encoder	0.56
◆ 511-4532BM	8-input Priority Encoder	0.56
511-4536	Programmable Timer	1.04
511-4538	Dual Monostable Multivibrator	0.70
◆ 511-4538BM	Dual Monostable Multivibrator	0.70
511-4541	Programmable Timer	0.64
◆ 511-4541BM	Programmable Timer	0.64
620-4541N	CMOS Programmable Timer	0.57
570-CD4543BE	Crystal Display Driver	0.80
511-4555	Dual 1 of 4 Decoder/Multiplexer	0.58
511-4556	Dual 1 of 4 Decoder/Multiplexer	0.58
◆ 511-4556BM	Dual 1 of 4 Decoder/Multiplexer	0.58
◆ 511-4585BM	4 Bit Magnitude Comparator	0.64
511-40103	Preset 8 bit Binary Dn Counter	0.94
511-40106	Hex Schmitt Trigger	0.44
◆ 511-40106BM	Hex Schmitt Trigger	0.44
570-CD40106BE	Hex Schmitt Trigger	0.51
511-40107	Dual 2-input NAND Buffer	0.44
◆ 511-40107BM	Dual 2-input NAND Buffer	0.44
570-CD40107BE	Dual 2-input NAND Buffer	0.55
511-40109	Quad Lo to Hi Interface	2.98
◆ 511-40109BM	Quad Lo to Hi Interface	2.98
511-40161	Binary Counter/Sync w/Clear	0.74
511-40174	Hex D-type Flip/Flop	0.58
◆ 511-40174BM	Hex D-type Flip/Flop	0.58

STMicroelectronics

Linear Integrated Circuits

07 thru 319

Supplier	Prefix
STMicroelectronics	511
Harris Semiconductor	570
NJR (JRC)	513

◆ Surface Mount Device

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Description	Price Each 1-99
	511-OP07CN	DIP-8 Single BiPolar Op Amp	0.76
	513-NJMOP-07D	DIP-8 Single BiPolar Op Amp	0.74
◆	513-NJMOP-07M	DMP-8 Single BiPolar Op Amp	0.75
◆	511-TSH10ID	SO-8 Single BiCMOS Op Amp	0.90
	511-TSH10IN	DIP-8 Single BiCMOS Op Amp	0.90
◆	511-TSH11ID	SO-8 Single BiCMOS Op Amp	0.98
	511-TSH11IN	DIP-8 Single BiCMOS Op Amp	0.98
	513-NJM022BD	DIP-8 Dual Low Power Op Amp	0.74
◆	513-NJM022BM	DMP Dual Low Power Op Amp	0.43
	513-NJM022D	DIP-8 Dual Op Amp	0.29
◆	511-TSH22ID	SO-8 Dual BiPolar Op Amp	1.10
	511-TSH22IN	DIP-8 Dual BiPolar Op Amp	1.10
◆	511-TSH24ID	SO-14 Quad BiPolar Op Amp	1.28
	511-TSH24IN	DIP-14 Dual BiPolar Op Amp	1.28
◆	511-LF25CDT	TO-252 +V Regulator 0.5A 2.5V	0.88
	511-LF25CV	TO-220 +V Regulator 0.5A 2.5V	0.84
◆	511-LF30CDT	TO-252 +V Regulator 0.5A 3.0V	0.88
	511-LF30CV	TO-220 +V Regulator 0.5A 3.0V	0.84
◆	511-TSH31ID	SO-8 Single BiCMOS Op Amp	1.34
	511-TSH31IN	DIP-8 Single BiCMOS Op Amp	1.34
◆	511-LF33CDT	TO-252 +V Regulator 0.5A 3.3V	0.88
	511-LF33CV	TO-220 +V Regulator 0.5A 3.3V	0.84
	511-LF47CV	TO-220 +V Regulator 0.5A 4.7V	0.84
◆	511-LF50CDT	TO-252 +V Regulator 0.5A 5.0V	0.88
	511-LF50CV	TO-220 +V Regulator 0.5A 5.0V	0.84
◆	511-LF60CDT	TO-252 +V Regulator 0.5A 6.0V	0.88
	511-LF60CV	TO-220 +V Regulator 0.5A 6.0V	0.84
◆	511-TL061ACD	SO-8 Single JFET Op Amp	0.70
	511-TL061ACN	DIP-8 Single JFET Op Amp	0.70
◆	511-TL061CD	SO-8 Single JFET Op Amp	0.44
	511-TL061CN	DIP-8 Single JFET Op Amp	0.44
◆	511-TL061ID	SO-8 Single JFET Op Amp	0.54
	511-TL061IN	DIP-8 Single JFET Op Amp	0.54
◆	511-TL062ACD	SO-8 Dual JFET Op Amp	0.74
	511-TL062ACN	DIP-8 Dual JFET Op Amp	0.74
◆	511-TL062CD	SO-8 Dual JFET Op Amp	0.46
	511-TL062CN	DIP-8 Dual JFET Op Amp	0.46
◆	511-TL062ID	SO-8 Dual JFET Op Amp	0.58
	511-TL062IN	DIP-8 Dual JFET Op Amp	0.58
	513-NJM062D	DIP-8 Dual JFET Op Amp	0.33
◆	513-NJM062E	SO-8 Dual JFET Op Amp	0.35
◆	511-TL064ACD	SO-14 Quad JFET Op Amp	1.02
	511-TL064ACN	DIP-14 Quad JFET Op Amp	1.02
◆	511-TL064CD	SO-14 Quad JFET Op Amp	0.62
	511-TL064CN	DIP-14 Quad JFET Op Amp	0.62
◆	511-TL064ID	SO-14 Quad JFET Op Amp	0.72
	511-TL064IN	DIP-14 Quad JFET Op Amp	0.72
	513-NJM064D	DIP-14 Quad JFET Op Amp	0.58
◆	511-TL071ACD	SO-8 Single JFET Op Amp	0.70
	511-TL071ACN	DIP-8 Single JFET Op Amp	0.70
◆	511-TL071CD	SO-8 Single JFET Op Amp	0.40
	511-TL071CN	DIP-8 Single JFET Op Amp	0.40
◆	511-TL071ID	SO-8 Single JFET Op Amp	0.50
	511-TL071IN	DIP-8 Single JFET Op Amp	0.50
◆	511-TL072ACD	SO-8 Dual JFET Op Amp	0.74
	511-TL072ACN	DIP-8 Dual JFET Op Amp	0.74
◆	511-TL072CD	SO-8 Dual JFET Op Amp	0.48
	511-TL072CN	DIP-8 Dual JFET Op Amp	0.48
◆	511-TL072ID	SO-8 Dual JFET Op Amp	0.54
	511-TL072IN	DIP-8 Dual JFET Op Amp	0.54
	513-NJM072BD	DIP-8 Dual JFET Op Amp	0.32
◆	513-NJM072BE	SO-8 Dual JFET Op Amp	0.31
◆	511-TL074ACD	SO-14 Quad JFET Op Amp	0.96
	511-TL074ACN	DIP-14 Quad JFET Op Amp	0.96
◆	511-TL074CD	SO-14 Quad JFET Op Amp	0.52
	511-TL074CN	DIP-14 Quad JFET Op Amp	0.52
◆	511-TL074ID	SO-14 Quad JFET Op Amp	0.64
	511-TL074IN	DIP-14 Quad JFET Op Amp	0.64
	513-NJM074D	DIP-14 Quad JFET Op Amp	0.61
◆	513-NJM074M	DMP-14 Quad JFET Op Amp	0.64
◆	511-LF80CDT	TO-252 +V Regulator 0.5A 8.0V	0.88
	511-LF80CV	TO-220 +V Regulator 0.5A 8.0V	0.84
◆	511-TL081ACD	SO-8 Single JFET Op Amp	0.74
	511-TL081ACN	DIP-8 Single JFET Op Amp	0.74
◆	511-TL081CD	SO-8 Single JFET Op Amp	0.40
	511-TL081CN	DIP-8 Single JFET Op Amp	0.40
◆	511-TL081ID	SO-8 Single JFET Op Amp	0.50
	511-TL081IN	DIP-8 Single JFET Op Amp	0.50
◆	511-TL082ACD	SO-8 Dual JFET Op Amp	0.74
	511-TL082ACN	DIP-8 Dual JFET Op Amp	0.74
◆	511-TL082CD	SO-8 Dual JFET Op Amp	0.44
	511-TL082CN	DIP-8 Dual JFET Op Amp	0.44
◆	511-TL082ID	SO-8 Dual JFET Op Amp	0.54
	511-TL082IN	DIP-8 Dual JFET Op Amp	0.54
	513-NJM082D	DIP-8 Dual Op Amp	0.33
◆	513-NJM082E	SO-8 Dual Op Amp	0.36
◆	511-TL084ACD	SO-14 Quad JFET Op Amp	0.96
	511-TL084ACN	DIP-14 Quad JFET Op Amp	0.96
◆	511-TL084CD	SO-14 Quad JFET Op Amp	0.52
	511-TL084CN	DIP-14 Quad JFET Op Amp	0.52
◆	511-TL084ID	SO-14 Quad JFET Op Amp	0.64
	511-TL084IN	DIP-14 Quad JFET Op Amp	0.64
	511-LF85CV	TO-220 +V Regulator 0.5A 8.5V	0.84
◆	511-TSH93ID	SO-16 BiCMOS Triple Op Amp	2.04
	511-TSH93IN	DIP-16 BiCMOS Triple Op Amp	2.04
◆	511-TSH94ID	SO-16 BiCMOS Quad Op Amp	2.54
	511-TSH94IN	DIP-16 BiCMOS Quad Op Amp	2.12
◆	511-TSH95ID	SO-16 BiCMOS Quad Op Amp	2.16
	511-TSH95IN	DIP-16 BiCMOS Quad Op Amp	2.16
◆	511-LK115D25	SO-8 +V Regulator 0.1A 2.5V	0.66
◆	511-LK115D33	SO-8 +V Regulator 0.1A 3.3V	0.66
◆	511-LK115D50	SO-8 +V Regulator 0.1A 5.0V	0.66
	511-LM117K	TO-3 +V Regulator Adj	2.92
	511-LM123K	TO-3 +V Regulator 3A 5V	4.40
	511-L149V	Pentawatt 4A Power Stage	1.50
◆	511-TSH150ID	SO-8 Single Bipolar Op Amp	3.76
	511-TSH150IN	DIP-8 Single Bipolar Op Amp	3.76
◆	511-TSH150ID	SO-8 Single Bipolar Op Amp	3.98
	511-TSH150IN	DIP-8 Single Bipolar Op Amp	3.98
	511-L165V	Pentawatt 3A Power Op Amp	1.38
◆	511-LM201AD	SO-8 Single Op Amp	0.84
	511-LM201AN	DIP-8 Single Op Amp	0.82
	513-NJU201AD	DIP-16 Quad Analog Switch	0.98
◆	513-NJU201AM	DMP-16 Quad Analog Switch	1.05
◆	511-LS204CD	SO-8 Dual Bipolar Op Amp	0.90
	511-LS204CN	DIP-8 Dual Bipolar Op Amp	0.90
◆	511-LS204ID	SO-8 Dual Bipolar Op Amp	1.06
◆	511-LM211D	SO-8 Single Bipolar Volt Comp	0.34
	511-LM211N	DIP-8 Single Bipolar Volt Comp	0.32
	513-NJU211D	DIP-16 Quad Analog Switch	0.87
◆	513-NJU211M	DMP-16 Quad Analog Switch	0.89
	570-DG211CJ	DIP-16 G/P Analog Switch	2.37
	511-LM217K	TO-3 1.5A Adj Volt Regulator	2.40
◆	511-LM217LD	SO-8 1.2V to 37V +Adj V Reg	0.36
	511-LM217LZ	TO-92 1.2V to 37V +Adj V Reg	0.38
◆	511-LM219D	SO-14 Dual Bipolar Volt Comp	1.04
◆	511-LM224D	SO-14 Quad Bipolar Op Amp	0.34
	511-LM224N	DIP-14 Quad Op Amp	0.32
	570-ICL232CPE	DIP-16 Dual Receiver/Transmit	2.45
	511-LM234Z	TO-92 Adj Current Source	0.90
	511-LM236Z	TO-92 2.5V Volt Reference	0.90
◆	511-LM239D	SO-14 Quad Volt Comparator	0.34
	511-LM239N	DIP-14 Quad Volt Comparator	0.32
◆	511-LM246D	SO-16 Quad Bipolar Op Amp	1.70
	511-LM246N	DIP-16 Quad Bipolar Op Amp	1.60
◆	511-LM248D	SO-14 Quad Bipolar Op Amp	0.88
	511-LM248N	DIP-14 Quad Op Amp	0.82
◆	511-LM258D	SO-8 Dual Bipolar Op Amp	0.32
	511-LM258N	DIP-8 Dual Op Amp	0.30
◆	511-TS271ACD	SO-8 Single CMOS Op Amp	0.80
	511-TS271ACN	DIP-8 Single CMOS Op Amp	0.80
◆	511-TS271AID	SO-8 Single CMOS Op Amp	0.94
	511-TS271AIN	DIP-8 Single CMOS Op Amp	0.94
◆	511-TS271CD	SO-8 Single CMOS Op Amp	0.50
	511-TS271CN	DIP-8 Single CMOS Op Amp	0.50
◆	511-TS271ID	SO-8 Single CMOS Op Amp	0.64
	511-TS271IN	DIP-8 Single CMOS Op Amp	0.64
	511-L272	DIP-16 Dual Power Op Amp	1.70
◆	511-TS272ACD	SO-8 Dual CMOS Op Amp	1.34
	511-TS272ACN	DIP-8 Dual CMOS Op Amp	1.34
◆	511-TS272AID	SO-8 Dual CMOS Op Amp	1.62
	511-TS272AIN	DIP-8 Dual CMOS Op Amp	1.62
◆	511-TS272CD	SO-8 Dual CMOS Op Amp	0.72
	511-TS272CN	DIP-8 Dual CMOS Op Amp	0.72
◆	511-TS272ID	SO-8 Dual CMOS Op Amp	0.92
	511-TS272IN	DIP-8 Dual CMOS Op Amp	0.92
◆	511-TS274ACD	SO-14 Quad CMOS Op Amp	1.68
	511-TS274ACN	DIP-14 Quad CMOS Op Amp	1.68
◆	511-TS274AID	SO-14 Quad CMOS Op Amp	2.12
	511-TS274AIN	DIP-14 Quad CMOS Op Amp	2.12
◆	511-TS274CD	SO-14 Quad CMOS Op Amp	0.86
	511-TS274CN	DIP-14 Quad CMOS Op Amp	0.86
◆	511-TS274ID	SO-14 Quad CMOS Op Amp	1.10
	511-TS274IN	DIP-14 Quad CMOS Op Amp	1.10
◆	511-TS27L2ACD	SO-8 Dual CMOS Op Amp	1.36
	511-TS27L2ACN	DIP-8 Dual CMOS Op Amp	1.38
◆	511-TS27L2ACP	TSSOP-8 Dual CMOS Op Amp	1.46
◆	511-TS27L2AID	SO-8 Dual CMOS Op Amp	1.60
	511-TS27L2AIN	DIP-8 Dual CMOS Op Amp	1.60
◆	511-TS27L2AIP	TSSOP-8 Dual CMOS Op Amp	1.70
◆	511-TS27L2BID	SO-8 Dual CMOS Op Amp	1.70
◆	511-TS27L2BIP	TSSOP-8 Dual CMOS Op Amp	1.70
◆	511-TS27L2CD	SO-8 Dual CMOS Op Amp	0.72
	511-TS27L2CN	DIP-8 Dual CMOS Op Amp	0.72
◆	511-TS27L2CP	TSSOP-8 Dual CMOS Op Amp	0.84
◆	511-TS27L2ID	SO-8 Dual CMOS Op Amp	0.92
◆	511-TS27L2IP	TSSOP-8 Dual CMOS Op Amp	0.98
◆	511-TS27L4ACD	SO-14 Quad CMOS Op Amp	0.92
	511-TS27L4ACN	DIP-14 Quad CMOS Op Amp	0.92
◆	511-TS27L4ACP	TSSOP-14 Quad CMOS Op Amp	1.84
◆	511-TS27L4AID	SO-14 Quad CMOS Op Amp	1.60
	511-TS27L4AIN	DIP-14 Quad CMOS Op Amp	1.60
◆	511-TS27L4AIP	TSSOP-14 Quad CMOS Op Amp	1.90
◆	511-TS27L4CD	SO-14 Quad CMOS Op Amp	0.90
	511-TS27L4CN	DIP-14 Quad CMOS Op Amp	0.90
◆	511-TS27L4CP	TSSOP-14 Quad CMOS Op Amp	1.02
◆	511-TS27L4ID	SO-14 Quad CMOS Op Amp	1.12
◆	511-TS27L4IP	TSSOP-14 Quad CMOS Op Amp	1.24
◆	511-TS27M2ACD	SO-8 Dual CMOS Op Amp	1.36
	511-TS27M2ACN	DIP-8 Dual CMOS Op Amp	1.34
◆	511-TS27M2ACP	TSSOP-8 Dual CMOS Op Amp	1.46
◆	511-TS27M2AID	SO-8 Dual CMOS Op Amp	1.68
	511-TS27M2AIN	DIP-8 Dual CMOS Op Amp	1.68
◆	511-TS27M2AIP	TSSOP-8 Dual CMOS Op Amp	1.74
◆	511-TS27M2CD	SO-8 Dual CMOS Op Amp	0.72
	511-TS27M2CN	DIP-8 Dual CMOS Op Amp	0.72
◆	511-TS27M2CP	TSSOP-8 Dual CMOS Op Amp	0.84
◆	511-TS27M2ID	SO-8 Dual CMOS Op Amp	0.92
	511-TS27M2IN	DIP-8 Dual CMOS Op Amp	0.92
◆	511-TS27M2IP	TSSOP-8 Dual CMOS Op Amp	1.00
◆	511-TS27M4ACD	SO-14 Quad CMOS Op Amp	1.70
	511-TS27M4ACN	DIP-14 Quad CMOS Op Amp	1.70
◆	511-TS27M4ACP	TSSOP-14 Quad CMOS Op Amp	1.90
◆	511-TS27M4AID	SO-14 Quad CMOS Op Amp	2.12
	511-TS27M4AIN	DIP-14 Quad CMOS Op Amp	2.12
◆	511-TS27M4AIP	TSSOP-14 Quad CMOS Op Amp	1.96
◆	511-TS27M4CD	SO-14 Quad CMOS Op Amp	0.90
	511-TS27M4CN	DIP-14 Quad CMOS Op Amp	0.90
◆	511-TS27M4CP	TSSOP-14 Quad CMOS Op Amp	1.06
	511-TS27M4ID	SO-14 Quad CMOS Op Amp	1.10
	511-TS27M4IN	DIP-14 Quad CMOS Op Amp	1.10
◆	511-TS27M4IP	TSSOP-14 Quad CMOS Op Amp	1.22
	511-L292	Multi Switch-Mode Driver	7.00
	511-L293D	DIP-16 P/P 4-Channel Driver	2.00
	511-L293E	DIP-20 P/P 4-Channel Driver	2.20
◆	511-LM293D	SO-8 Dual Bipolar Volt Comp	0.32
	511-LM293N	DIP-8 Dual Bipolar Volt Comp	0.30
	511-L294	Multi Switch-Mode Driver	4.20
	511-L295	Multi Dual Solenoid Driver	5.20
	511-L296	SIP-15 4 Amp Switch Regulator	3.90
	511-L297	DIP-20 Step Mtr Cont	5.41
	511-L298	SIP-15 Dual Bridge Driver	3.20
◆	511-TD300ID	SO-14 Triple MOS Driver	1.46
	511-TD300IN	DIP-14 Triple MOS Driver	1.46
◆	511-LM301AD	SO-8 Single Op Amp	0.56
	511-LM301AN	DIP-8 Single Op Amp	0.56
◆	511-TD310ID	SO-16 Triple MOS Driver	1.70
◆	511-LM311D	SO-8 Single Volt Comparator	0.26
	511-LM311N	DIP-8 Single Volt Comparator	0.24
	513-NJM311D	DIP-8 Precision Comparator	0.33
◆	513-NJM311E	SO-8 Precision Comparator	0.33
	511-LM317K	TO-3 1.5A Adj Volt Regulator	1.68
◆	511-LM317LD	SO-8 Adj 0.1A Volt Regulator	0.34
	511-LM317LZ	TO-92 Adj 0.1A Volt Regulator	0.28
◆	511-LM317MDT	TO-252 Adj 0.5A V Regulator	0.64
	511-LM317T	TO-220 1.5A Adj V Regulator	0.56
	513-NJM317F	TO-220F +Adj Volt Regulator	0.55
	513-NJM318D	DIP-8 High Speed Op Amp	0.36
◆	513-NJM318E	SO-8 High Speed Op Amp	0.36
◆	511-LM319D	SO-14 Dual Bipolar Volt Comp	0.78

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◆ Surface Mount Device

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	511-LM319N	DIP-14 Dual Comparator	0.78
	513-NJM319D	DIP-14 Dual Comparator	0.47
◆	513-NJM319E	SO-14 Dual Comparator	0.65
◆	511-TS321AID	SO-8 Single CMOS Op Amp	0.45
◆	511-TS321AIL	SOT-23-5 Single CMOS Op Amp	0.52
◆	511-TS321ID	SO-8 Single CMOS Op Amp	0.34
◆	511-TS321IL	SOT-23-5 Single CMOS Op Amp	0.38
	513-TSH321IN	DIP-8 Single CMOS Op Amp	4.00
	511-LM323K	TO-3 3A 5V Fixed Regulator	3.20
◆	511-LM324AD	SO-14 Quad Op Amp	0.38
	511-LM324AN	DIP-14 Quad Op Amp	0.34
◆	511-LM324D	SO-14 Quad Op Amp	0.28
	511-LM324N	DIP-14 Quad Op Amp	0.26
	513-NJM324D	DIP-14 Quad Op Amp	0.36
◆	513-NJM324E	SO-14 Quad Op Amp	0.36
	570-LM324N	DIP-14 Quad Op Amp	0.46
	592-BA10324A	DIP-14 Quad Op Amp	0.33
◆	592-BA10324AF	SO-14 Quad Op Amp	0.33
◆	511-LM334D	SO-8 Adj Current Source	0.76
	511-LM334Z	TO-92 Adj Current Source	0.76
	511-LM335AZ	TO-92 Prec Temp Sensor	0.90
	511-LM335Z	TO-92 Prec Temp Sensor	0.78
◆	511-LM336D	SO-8 2.5 Voltage Reference	0.78
	511-LM336Z	TO-92 2.5 Voltage Reference	0.78
	511-LM337H	TO-39 Adj .5A Volt Regulator	2.94
	511-LM337K	TO-3 1.5A -Adj Volt Regulator	3.62
	511-LM337SP	TO-220 1.5A -Adj V Regulator	0.96
	511-LM338K	TO-3 5A +Adj Volt Regulator	6.28
◆	511-LM339AD	SO-14 Quad Volt Comparator	0.40
	511-LM339AN	DIP-14 Quad Volt Comparator	0.38
◆	511-LM339D	SO-14 Quad Volt Comparator	0.26
	511-LM339N	DIP-14 Quad Volt Comparator	0.24
◆	511-TS339CD	SO-14 Quad CMOS Volt Comp	0.86
	511-TS339CN	DIP-14 Quad CMOS Volt Comp	0.86
◆	511-TS339ID	SO-14 Quad CMOS Volt Comp	1.02
	511-TS339IN	DIP-14 Quad CMOS Volt Comp	1.02
◆	511-TS3V339ID	SO-14 3V Quad Voltage Comp	0.64
	513-NJM339D	DIP-14 Quad Volt Comparator	0.39
	570-LM339N	DIP-14 Quad Volt Comparator	0.46
◆	511-LM346D	SO-16 Quad Bipolar Op Amp	1.24
	511-LM346N	DIP-16 Quad Bipolar Op Amp	1.24
◆	511-LF347D	SO-14 Quad JFET Op Amp	0.58
	511-LF347N	DIP-14 Quad Op Amp	0.56
◆	511-LM348D	SO-14 Quad Op Amp	0.50
	511-LM348N	DIP-14 Quad Bipolar Op Amp	0.48
	511-LM350K	TO-3 Adj Voltage Regulator	4.48
◆	511-LF351D	SO-8 Single JFET Op Amp	0.46
	511-LF351N	DIP-8 Single Op Amp	0.44
◆	511-LF353D	SO-8 Dual JFET Op Amp	0.48
	511-LF353N	DIP-8 Dual Op Amp	0.48
	513-NJM353D	DIP-8 Dual Op Amp	0.46
◆	513-NJM353M	DMP-8 Dual Op Amp	0.46
◆	511-LF355D	SO-8 Single JFET Op Amp	0.70
	511-LF355N	DIP-8 Single Op Amp	0.70
◆	511-LF356D	SO-8 Single Op Amp	0.70
	511-LF356N	DIP-8 Single Op Amp	0.70
◆	511-LF357D	SO-8 Quad JFET Op Amp	0.70
	511-LF357N	DIP-8 Single Op Amp	0.70
◆	511-LM358AD	SO-8 Dual Op Amp	0.38
	511-LM358AN	DIP-8 Dual Op Amp	0.38
◆	511-LM358D	SO-8 Dual Op Amp	0.24
	511-LM358N	DIP-8 Dual Op Amp	0.26
◆	511-LM358P	TSSOP-8 Dual Op Amp	0.34
	513-NJM358D	DIP-8 Dual Op Amp	0.55
◆	513-NJM358E	SO-8 Dual Op Amp	0.51
◆	592-BA10358F	SO-8 Low Power Dual Op Amp	0.26
	513-NJM360D	DIP-8 High Speed Comparator	0.26
◆	513-NJM360E	SO-8 High Speed Comparator	0.32
◆	511-TS372CD	SO-8 Dual CMOS Volt Comp	0.56
	511-TS372CN	DIP-8 Dual Comparator	0.56
◆	511-TS372ID	SO-8 Dual CMOS Volt Comp	0.70
	511-TS372IN	DIP-8 Dual CMOS Volt Comp	0.70
◆	511-TS374CD	SO-14 Quad CMOS Volt Comp	0.78
	511-TS374CN	DIP-14 Quad Comparator	0.78
◆	511-TS374ID	SO-14 Quad CMOS Volt Comp	1.02
	513-NJM386BD	DIP-8 Lo-V Audio Pwr Op Amp	0.28
◆	513-NJM386BE	EMP-8 Lo-V Audio Pwr Op Amp	0.29
	513-NJM386D	DIP-8 Audio Power Amp	0.33
◆	513-NJM386E	SO-8 Audio Power Amp	0.31
	511-L387A	Pent -0.4A 5V Volt Regulator	1.70

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	MOUSER STOCK NO.	Description	Price Each 1-99
◆	511-LM393D	SO-8 Dual Voltage Comparator	0.26
	511-LM393N	DIP-8 Dual Voltage Comparator	0.24
◆	511-TS393CD	SO-8 Dual CMOS V Comparatr	0.58
	511-TS393CN	DIP-8 Dual CMOS V Comparatr	0.58
◆	511-TS393ID	SO-8 Dual CMOS V Comparatr	0.74
	511-TS393IN	DIP-8 Dual CMOS V Comparatr	0.74
◆	592-BA10393F	SO-8 Dual Voltage Comparator	0.28
◆	511-LS404CD	SO-14 Quad Bipolar Op Amp	1.56
	511-LS404CN	DIP-14 Quad Bipolar Op Amp	1.56
◆	511-LS404ID	SO-14 Quad Bipolar Op Amp	2.40
	511-LS404IN	DIP-14 Quad Bipolar Op Amp	0.88
◆	511-TL431ACD	SO-8 Shunt Voltage Reference	0.30
	511-TL431ACZ	TO-92 Shunt Volt Reference	0.28
◆	511-TL431AID	SO-8 Shunt Voltage Reference	0.34
	511-TL431AIZ	TO-92 Shunt Volt Reference	0.30
◆	511-TL431CD	SO-8 Shunt Voltage Reference	0.28
	511-TL431CZ	TO-92 Shunt Volt Reference	0.26
◆	511-TL431ID	SO-8 Shunt Voltage Reference	0.30
	511-TL431IZ	TO-92 Shunt Volt Reference	0.28
	513-NJM431D	DIP-8 Adj Precision Regulator	0.31
◆	513-NJM431E	SO-8 Adj Precision Regulator	0.29
	513-NJM431L	TO-92 Adj Precision Regulator	0.28
◆	511-TS461CD	SO-8 Single Op Amp	0.24
◆	511-TS461CL	SOT-23-5 Single Op Amp	0.24
◆	511-TS462CD	SO-8 Dual Op Amp	0.42
	511-TS462CN	DIP-8 Dual Op Amp	0.42
◆	511-TS462CP	TSSOP-8 Dual Op Amp	0.50
◆	511-TS464CD	SO-14 Quad Op Amp	0.44
	511-TS464CN	DIP-14 Quad Op Amp	0.44
◆	511-TS464CP	TSSOP-14 Quad Op Amp	0.48
◆	511-TS512ID	SO-8 Dual CMOS Op Amp	0.60
	511-TS512IN	DIP-8 Dual CMOS Op Amp	0.60
◆	511-TS514ID	SO-14 Quad CMOS Op Amp	0.94
	511-TS514IN	DIP-14 Quad CMOS Op Amp	0.94
◆	511-TS522ID	SO-8 Dual CMOS Op Amp	0.68
	511-TS522IN	DIP-8 Dual CMOS Op Amp	0.68
◆	511-TS524ID	SO-14 Quad CMOS Op Amp	0.95
	511-TS524IN	DIP-14 Quad CMOS Op Amp	0.95
◆	511-NE555D	SO-8 Single Timer	0.28
	511-NE555N	DIP-8 Single Timer	0.36
◆	511-TS555CD	SO-8 Single CMOS Timer	0.40
	511-TS555CN	DIP-8 Single CMOS Timer	0.40
◆	511-TS555ID	SO-8 Single CMOS Timer	0.50
	511-TS555IN	DIP-8 Single CMOS Timer	0.50
◆	511-TS3V555ID	SO-8 3V Single CMOS Timer	0.40
	511-TS3V555IN	DIP-8 3V Single CMOS Time	0.40
	513-NJM555D	DIP-8 Single Timer	0.33
◆	513-NJM555E	SO-8 Single Timer	0.55
	570-CA555CE	DIP-8 Time Delay/Osc	0.50
	511-NE556	DIP-14 Dual Timer	0.36
◆	511-NE556D	SO-14 Dual Timer	0.36
◆	511-TS556CD	SO-14 Dual CMOS Timer	0.54
	511-TS556CN	DIP-14 Dual CMOS Timer	0.54
◆	511-TS556ID	SO-14 Dual CMOS Timer	0.64
	511-TS556IN	DIP-14 Dual CMOS Timer	0.64
◆	511-TS3V556ID	SO-14 3V Dual CMOS Timer	0.50
	511-TS3V556IN	DIP-14 3V Dual CMOS Timer	0.50
	513-NJM556D	DIP-14 Dual Timer	0.56
◆	513-NJM556M	DMP-14 Dual Timer	0.50
	513-NJM567D	DIP-8 Tone Dec/Phase Lckd Lp	0.28
◆	513-NJM567M	DMP-8 Tone Dec/Phase Lckd Lp	0.29
	570-AD590JH	TO-52 Temp Transducer	3.46
	511-L603C	DIP-18 Darlington Array	1.56
	511-L702B	DIP-16 Quad Darlington	2.64
◆	511-LM723CD	SO-14 .15A Adj Volt Regulator	0.38
	511-LM723CN	DIP-14 .15A Adj Volt Regulator	0.32
◆	511-UA741CD	SO-8 Single Op Amp	0.30
	511-UA741CN	DIP-8 Single Op Amp	0.30
◆	511-UA741ID	SO-8 Single Bipolar Op Amp	0.36
	511-UA741IN	DIP-8 Single Bipolar Op Amp	0.36
	513-NJM741D	DIP-8 Single Op Amp	0.33
	592-BA14741	DIP-14 Quad Op Amp	0.65
◆	592-BA14741F	SO-14 Quad Op Amp	0.63
◆	511-UA748CD	SO-8 Single Bipolar Op Amp	0.48
	511-UA748CN	DIP-8 Single Bipolar Op Amp	0.48
◆	511-UA748ID	SO-8 Single Bipolar Op Amp	0.58
	511-UA748IN	DIP-8 Single Bipolar Op Amp	0.58
◆	511-UA776CD	SO-8 Single Bipolar Op Amp	0.66
	511-UA776CN	DIP-8 Single Bipolar Op Amp	0.66
	570-ADC804LCN	DIP-20 A/D Converter	2.76

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	MOUSER STOCK NO.	Description	Price Each 1-99
◆	511-LM833D	SO-8 Dual Bipolar Op Amp	0.50
	511-LM833N	DIP-8 Dual Bipolar Op Amp	0.48
◆	511-TS902ID	SO-14 Dual CMOS Op Amp	1.28
	511-TS902IN	DIP-14 Dual CMOS Op Amp	1.28
◆	511-TS3V902ID	SO-14 3V Dual Op Amp	1.00
◆	511-TS904ID	SO-16 Quad Op Amp	1.54
	511-TS904IN	DIP-16 Quad Op Amp	1.54
◆	511-TS3V904ID	SO-16 3V Quad Op Amp	1.36
◆	511-TS912BID	SO-8 Dual CMOS Op Amp	1.46
◆	511-TS912ID	SO-8 Dual CMOS Op Amp	1.06
	511-TS912IN	DIP-8 Dual CMOS Op Amp	1.06
	511-TS3V912IN	DIP-8 3V Dual Op Amp	0.94
◆	511-TS914ID	SO-14 Quad Op Amp	1.44
	511-TS914IN	DIP-14 Quad Op Amp	1.44
◆	511-TS3V914ID	SO-14 3V Quad Op Amp	1.42
	511-TS3V914IN	DIP-14 3V Quad Op Amp	1.42
◆	511-TS921ID	SO-8 Single BiCMOS Op Amp	0.82
	511-TS921IN	DIP-8 Single BiCMOS Op Amp	0.82
◆	511-TS922AID	SO-8 Dual BiCMOS Op Amp	1.18
	511-TS922AIN	DIP-8 Dual BiCMOS Op Amp	1.18
◆	511-TS922AIP	TSSOP-8 Dual BiCMOS Op Amp	1.28
◆	511-TS922ID	SO-8 Dual BiCMOS Op Amp	1.18
	511-TS922IN	DIP-8 Dual BiCMOS Op Amp	1.18
◆	511-TS922IP	TSSOP-8 Dual BiCMOS Op Amp	1.02
◆	511-TS924AID	SO-14 Quad BiCMOS Op Amp	1.86
	511-TS924AIN	DIP-14 Quad BiCMOS Op Amp	1.86
◆	511-TS924AIP	TSSOP-14 Quad BiCMOS Op Amp	1.96
◆	511-TS924ID	SO-14 Quad BiCMOS Op Amp	1.54
	511-TS924IN	DIP-14 Quad BiCMOS Op Amp	1.54
◆	511-TS924IP	TSSOP-14 Quad BiCMOS Op Amp	1.66
◆	511-TS925AID	SO-16 Quad BiCMOS Op Amp	1.60
	511-TS925AIN	DIP-16 Quad BiCMOS Op Amp	1.60
◆	511-TS925AIP	TSSOP-16 Quad BiCMOS Op Amp	1.98
◆	511-TS925ID	SO-16 Quad BiCMOS Op Amp	1.60
	511-TS925IN	DIP-16 Quad BiCMOS Op Amp	1.60
◆	511-TS925IP	TSSOP-16 Quad BiCMOS Op Amp	1.78
◆	511-TS942AID	SO-8 Dual BiCMOS Op Amp	1.58
	511-TS942AIN	DIP-8 Dual BiCMOS Op Amp	1.58
◆	511-TS942AIP	TSSOP-8 Dual BiCMOS Op Amp	1.14
◆	511-TS942BID	SO-8 Dual BiCMOS Op Amp	1.24
	511-TS942BIN	DIP-8 Dual BiCMOS Op Amp	1.24
◆	511-TS942BIP	TSSOP-8 Dual BiCMOS Op Amp	1.24
◆	511-TS942ID	SO-8 Dual BiCMOS Op Amp	1.58
	511-TS942IN	DIP-8 Dual BiCMOS Op Amp	1.58
◆	511-TS942IP	TSSOP-8 Dual BiCMOS Op Amp	0.94
◆	511-TS951ID	SO-8 Single BiCMOS Op Amp	0.72
◆	511-TS951IL	SOT-23-5 Single BiCMOS Op Amp	0.72
◆	511-TS952ID	SO-8 Dual BiCMOS Op Amp	0.62
	511-TS952IN	DIP-8 Dual BiCMOS Op Amp	0.62
◆	511-TS952IP	TSSOP-8 Dual BiCMOS Op Amp	0.62
◆	511-TS954ID	SO-14 Quad BiCMOS Op Amp	0.78
	511-TS954IN	DIP-14 Quad BiCMOS Op Amp	0.78
◆	511-TS954IP	TSSOP-14 Quad BiCMOS Op Amp	0.78
	511-TEB1033N	DIP-8 Dual Op Amp	0.94
◆	511-LD1117DT25C	TO-252 +V Regulator 0.8A 2.5V	0.92
◆	511-LD1117DT285C	TO-252 +V Regulatr 0.8A 2.85V	0.92
◆	511-LD1117DT30C	TO-252 +V Regulator 0.8A 3.0V	0.92
◆	511-LD1117DT33C	TO-252 +V Regulator 0.8A 3.3V	0.92
◆	511-LD1117DT50C	TO-252 +V Regulator 0.8A 5.0V	0.92
	511-LD1117V30C	TO-220 +V Regulator 0.8A 3.0V	0.80
	511-LD1117V33C	TO-220 +V Regulator 0.8A 3.3V	0.80
	511-LD1117V50C	TO-220 +V Regulator 0.8A 5.0V	0.80
	511-TDA1175P	DIP-16 Low Noise Vertical Defl	2.20
◆	511-MC1403D	SO-8 2.5V Precision Reference	1.42
	511-MC1403N	DIP-8 2.5V Precision Reference	1.34
◆	511-MC1458D	SO-8 Dual Op Amp	0.28
◆	511-MC1458ID	SO-8 Dual Bipolar Op Amp	0.34
	511-MC1458IN	DIP-8 Dual Bipolar Op Amp	0.32
	511-MC1458N	DIP-8 Dual Op Amp	0.26
	513-NJM1458D	DIP-8 Dual Op Amp	0.34
◆	513-NJM1458M	DMP-8 Dual Op Amp	0.31
◆	511-MC1488D	SO-14 RS232 Quad Driver	0.28
	511-MC1488P	DIP-14 RS232 Quad Driver	0.28
◆	511-MC1489D	SO-14 Quad Line Receiver	0.28
	511-MC1489P	DIP-14 Quad Line Receiver	0.28
	570-CA1558E	DIP-8 Dual Op Amp	1.16
	570-CA1558T	TO-5 Dual Op Amp	2.10
	511-TDA1675A	TV Vertical Defl Circuit	3.00
	511-TDA1771	SIL-10 TV Vertical Defl Circ	2.70
	511-TDA1910	10W 8 Ohm Audio Amp	3.00

ST
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2001 thru 7665

Supplier	Prefix
STMicroelectronics	511
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NJR (JRC)	513
Texas Instruments	636

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
511-ULN2001A	DIP-16 NPN Darlington Array	0.40
◆ 511-ULN2001D1	SO-16 NPN Darlington Array	0.40
511-TDA2002H	Pentawatt 8W 14V Audio Amp	1.80
511-TDA2002V	Pentawatt 8W 14V Audio Amp	1.70
511-ULN2002A	DIP-16 NPN Darlington Array	0.40
511-ULN2003A	DIP-16 NPN Darlington Array	0.40
◆ 511-ULN2003D1	SO-16 NPN Darlington Array	0.40
511-TDA2003H	Pentawatt 10W 14V Audio Amp	1.86
511-TDA2003V	Pentawatt 10W 14V Audio Amp	1.80
511-ULN2004A	DIP-16 NPN Darlington Array	0.40
◆ 511-ULN2004D1	SO-16 NPN Darlington Array	0.40
511-TEA2025B	DIP-16 2x23W Audio Amp	1.18
513-NJM2035D	DIP-14 Stereo Demodulator	1.08
511-TDA2040V	Pentawatt 20W 32V Audio Amp	2.70
513-NJM2043D	DIP-8 Low Noise Dual Pre-Amp	0.33
511-ULN2064B	DIP-16 Quad 1.5A Darlington	1.20
511-ULN2065B	DIP-16 Quad 1.5A Darlington	1.20
511-ULN2066B	DIP-16 Quad 1.5A Darlington	1.20
511-ULN2067B	DIP-16 Quad 1.5A Darlington	1.20
511-ULN2068B	DIP-16 Quad 1.5A Darlington	1.20
513-NJM2068D	DIP-8 Dual Op Amp	0.33
◆ 513-NJM2068E	EMP-8 Low Noise Dual Op Amp	0.36
◆ 513-NJM2068M	DMP-8 Low Noise Dual Op Amp	0.29
511-ULN2069B	DIP-16 Quad 1.5A Darlington	1.20
511-ULN2071B	DIP-16 Quad 1.5A Darlington	1.20
513-NJM2072D	DIP-8 Signal Level Sensor Syst	0.32
◆ 513-NJM2072M	DMP-8 Signal Level Sensor Sys	0.29
513-NJM2073D	DIP-8 Dual Low-V Power Amp	0.58
◆ 513-NJM2073M	DMP-8 Dual Low-V Power Amp	0.64
511-ULN2074B	DIP-16 Quad 1.5A Darlington	1.20
511-ULN2075B	DIP-16 Quad 1.5A Darlington	1.20
513-NJM2100D	DIP-8 Single Op Amp	0.22
◆ 513-NJM2100E	EMP-8 Single Op Amp	0.31
◆ 513-NJM2100M	DMP-8 Single Op Amp	0.33
513-NJM2211D	DIP-14 FSK Demod/Decoder	0.72
◆ 513-NJM2211M	SO-14 FSK Demod/Decoder	0.95
513-NJM2352D	DIP-8 Low Power Sw Regulator	0.46
◆ 513-NJM2352M	DMP-8 Low Power Switch Reg	0.46
513-NJM2360AD	DIP-8 DC/DC Conv Control IC	0.64
◆ 513-NJM2360AM	DMP-8 DC/DC Conv Control IC	0.64
513-NJM2360D	DIP-8 DC/DC Conv Control IC	0.58
◆ 513-NJM2360M	DMP-8 DC/DC Conv Control IC	0.58
511-SG2524N	DIP-16 Regulated PWM	0.74
◆ 511-SG2524P	SO-16 Regulated PWM	0.74
511-SG2525AN	DIP-16 Regulated PWM	0.74
◆ 511-SG2525AP	SO-16 Regulated PWM	0.74
511-ULN2801A	DIP-18 NPN Darlington Array	0.50
511-ULN2802A	DIP-18 NPN Darlington Array	0.50
511-ULN2803A	DIP-18 NPN Darlington Array	0.50
511-ULN2804A	DIP-18 NPN Darlington Array	0.50
511-ULN2805A	DIP-18 NPN Darlington Array	0.50
◆ 511-UC2842D	SO-14 Current Mode PWM	0.62
511-UC2842N	DIP-8 Current Mode PWM	0.62
◆ 511-UC2843D	SO-14 Current Mode PWM	0.62
511-UC2843N	DIP-8 Current Mode PWM	0.62
◆ 511-UC2844D	SO-14 Current Mode PWM	0.62
511-UC2844N	DIP-8 Current Mode PWM	0.62
◆ 511-UC2845D	SO-14 Current Mode PWM	0.62
511-UC2845N	DIP-8 Current Mode PWM	0.62
◆ 511-LM2901D	SO-14 Quad Comparator	0.32
511-LM2901N	DIP-14 Quad Comparator	0.30
513-NJM2901N	DIP-14 Quad Comparator	0.36
◆ 511-LM2902D	SO-14 Quad Bipolar Op Amp	0.32
511-LM2902N	DIP-14 Quad Op Amp	0.30
◆ 511-LM2902P	TSSOP-14 Quad Op Amp	0.40
513-NJM2902N	DIP-14 Quad Op Amp	0.36
◆ 511-LM2903D	SO-8 Dual Voltage Comparator	0.32
511-LM2903N	DIP-8 Dual Voltage Comparator	0.30
513-NJM2903D	DIP-8 Dual Comparator	0.28
◆ 513-NJM2903E	SO-8 Dual Comparator	0.28
◆ 511-LM2904D	SO-8 Dual Bipolar Op Amp	0.32
511-LM2904N	DIP-8 Dual Op Amp	0.30
◆ 511-LM2904P	TSSOP-8 Dual Op Amp	0.36
513-NJM2904D	DIP-8 Dual Op Amp	0.25
◆ 513-NJM2904E	SO-8 Dual Op Amp	0.28
511-LM2930A	TO-220 .4A 5V Volt Regulator	1.24
513-NJM2930F05	TO-220F 150mA 5V Volt Reg	0.46
513-NJM2930F08	TO-220F 150mA 8V Volt Reg	0.40
513-NJM2930F85	TO-220F 150mA 8.5V Volt Reg	0.42
513-NJM2930L05	TO-92 5V 100mA V Regulator	0.46

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
513-NJM2930L06	TO-92 100mA 6V Voltage Reg	0.37
513-NJM2930L08	TO-92 8V 100mA Volt Regulator	0.40
513-NJM2930L85	TO-92 100mA 8.5V Voltage Reg	0.43
511-LM2931A	TO-220 .4A 5V Volt Regulator	1.44
511-CA3046	DIP-14 NPN Transistor Array	0.98
570-CA3080E	DIP-8 Variable Op Amp	0.68
570-CA3140AE	DIP-8 Single Op Amp	0.92
570-CA3140AT	TO-5 BIMOS Op Amp	2.96
570-CA3260E	DIP-8 Dual BIMOS Amp	2.30
536-LM3302N	DIP-14 Quad Voltage Comp	0.82
◆ 511-MC33078D	SO-8 Dual Bipolar Op Amp	0.64
511-MC33078N	DIP-8 Dual Bipolar Op Amp	0.64
◆ 511-MC33079D	SO-14 Quad Bipolar Op Amp	0.88
511-MC33079N	DIP-14 Quad Bipolar Op Amp	0.88
◆ 511-MC33171D	SO-8 Single Bipolar Op Amp	0.58
511-MC33171N	DIP-8 Single Bipolar Op Amp	0.58
◆ 511-MC33172D	SO-8 Single Bipolar Op Amp	0.84
511-MC33172N	DIP-8 Single Bipolar Op Amp	0.84
◆ 511-MC33174D	SO-14 Quad Bipolar Op Amp	1.10
511-MC33174N	DIP-14 Quad Bipolar Op Amp	1.10
◆ 511-MC3403D	SO-14 Quad Bipolar Op Amp	0.52
511-MC3403N	DIP-14 Quad Bipolar Op Amp	0.52
◆ 511-MC3403P	TSSOP-14 Quad Bipolar Op Amp	0.38
513-NJM3403AD	DIP-14 Single Op Amp	0.58
◆ 513-NJM3403AM	DMP-14 Single Op Amp	0.51
513-NJM3404AD	DIP-8 Dual Op Amp	0.33
◆ 513-NJM3404AM	DMP-8 Dual Op Amp	0.31
513-NJM3414AD	DIP-8 Dual Hi-Out Pwr Op Amp	0.40
◆ 513-NJM3414AM	DMP-8 Dual Hi-Out Pwr Op Amp	0.36
511-SG3524N	DIP-16 Regulating PWM	0.70
◆ 511-SG3524P	SO-16 Regulating PWM	0.70
511-SG3525AN	DIP-16 Regulating PWM	0.70
◆ 511-SG3525AP	SO-16 Regulating PWM	0.70
◆ 511-TS3702CD	SO-8 Dual CMOS Comparator	0.58
511-TS3702CN	DIP-8 Dual CMOS Comparator	0.58
◆ 511-TS3702ID	SO-8 Dual CMOS Comparator	0.74
511-TS3702IN	DIP-8 Dual CMOS Comparator	0.74
◆ 511-TS3704CD	SO-14 Quad CMOS Comparator	0.86
511-TS3704CN	DIP-14 Quad CMOS Comparatr	0.86
511-PBL3717A	DIP-16 Stepper Motor Driver	1.60
◆ 511-UC3842D	SO-14 Current Mode PWM	0.60
511-UC3842N	DIP-8 Current Mode PWM	0.60
◆ 511-UC3843D	SO-14 Current Mode PWM	0.60
511-UC3843N	DIP-8 Current Mode PWM	0.60
◆ 511-UC3844D	SO-14 Current Mode PWM	0.60
511-UC3844N	DIP-8 Current Mode PWM	0.60
511-L3845B	DIP-8 Trunk Interface	1.60
◆ 511-UC3845D	SO-14 Current Mode PWM	0.60
511-UC3845N	DIP-8 Current Mode PWM	0.60
513-NJU4051BD	DIP-16 Single 8-Ch Multiplexer	0.46
◆ 513-NJU4051BM	DMP-16 Single 8-Ch Multiplexer	0.51
513-NJU4052BD	DIP-16 Dual 4-Ch Multiplexer	0.46
◆ 513-NJU4052BM	DMP-16 Dual 4-Ch Multiplexer	0.51
◆ 513-NJU4053BM	DMP-16 Triple 2-Ch Multiplexer	0.51
513-NJU4066BD	DIP-14 CMOS Quad Analog Sw	0.37
◆ 513-NJU4066BM	DMP-14 CMOS Quad Ana Sw	0.43
513-NJM4151D	DIP-8 V-F/F-V Convertor	1.36
◆ 513-NJM4151M	DMP-8 V-F/F-V Convertor	1.10
513-NJM4250D	DIP-8 Programmable Op Amp	0.32
513-NJM4556AD	DIP-8 Hi-Current Dual Op Amp	0.29
◆ 511-MC4558CD	SO-8 Dual Bipolar Op Amp	0.38
511-MC4558CN	DIP-8 Dual Bipolar Op Amp	0.38
◆ 511-MC4558CP	TSSOP-8 Dual Bipolar Op Amp	0.38
513-NJM4558D	DIP-8 Dual Op Amp	0.22
◆ 513-NJM4558E	EMP-8 Dual Op Amp	0.24
592-BA4558	DIP-8 Dual Op Amp	0.28
513-NJM4559D	DIP-8 Low Power Op Amp	0.28
513-NJM4560D	DIP-8 Wide Bandwidth Op Amp	0.24
◆ 513-NJM4560E	EMP-8 Wide Bandwidth Op Amp	0.36
592-BA4560	DIP-8 Hi-Slew Rte Op Amp	0.25
◆ 513-NJM4562M	DMP-8 Dual Op Amp	0.33
513-NJM4580D	DIP-8 Dual Op Amp	0.32
◆ 513-NJM4580E	EMP-8 Dual Op Amp	0.29
511-L4805CV	TO-220 5V Low Drop 0.4A	1.56
511-L4940V5	TO-220 5V Low Drop 1.5A	1.52
511-L4940V85	TO-220 8.5V Low Drop 1.5A	1.52
511-L4940V10	TO-220 10V Low Drop 1.5A	1.52
511-L4940V12	TO-220 12V Low Drop 1.5A	1.52
◆ 511-L4941BDT	TO-252 5V Low Drop 1.0A	1.46
511-L4941BV	TO-220 5V Low Drop 1.0A	1.34

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
511-L4945	TO-220 5V Low Drop 0.5A	2.08
511-L4947R	Pentawatt 5V Low Drop 0.5A	3.00
511-L4960	Heptawa 2.5A Switch Regulator	2.00
513-NJM5532D	DIP-8 Dual Op Amp	0.55
◆ 513-NJM5532M	DMP-8 Low Noise Op Amp	0.47
513-NJM5534D	DIP-8 Low Noise Op Amp	0.33
◆ 513-NJM5534M	DMP-8 Low Noise Op Amp	0.33
511-L6203	Multi Full Bridge Driver	9.55
511-L6220	DIP-16 Quad Darlington Switch	1.84
◆ 513-NJU6355EM	DMP-8 Serial I/O Real Time Clck	0.98
513-NJU6401BD	DIP-20 RS232C Line Drvr/Recvr	1.34
◆ 513-NJU6401BM	DMP-20 RS232C Line Drvr/Rcvr	1.36
513-NJU6402BD	DIP-20 RS232C Line Drvr/Recvr	1.09
◆ 513-NJU6402BM	DMP-20 RS232C Line Drvr/Rcvr	1.09
513-NJU6408BFC1	QFP-80 Dot Mat LCD Contlr Drvr	3.82
◆ 513-NJU7001M	DMP-8 Low Power Op Amp	0.51
513-NJU7004D	DIP-14 Low Power Op Amp	1.11
◆ 513-NJU7004M	DMP-14 Low Pwr Quad Op Amp	1.44
◆ 513-NJU7021M	DMP-8 Low Power Op Amp	0.75
513-NJU7022D	DIP-8 Low Power Op Amp	0.58
◆ 513-NJU7022M	DMP-8 Low Pwr Dual Op Amp	1.00
513-NJU7024D	DIP-14 Low Power Op Amp	1.36
◆ 513-NJU7024M	DMP-14 Low Pwr Quad Op Amp	1.56
513-NJU7031D	DIP-8 Low Power Op Amp	0.58
◆ 513-NJU7031M	DMP-8 Low Pwr Quad Op Amp	0.73
513-NJU7032D	DIP-8 Low Power Op Amp	0.80
513-NJU7034D	DIP-14 Low Power Op Amp	1.42
◆ 513-NJU7034M	DMP-14 Low Power Op Amp	1.64
570-ICL7106CPL	DIP-40 A/D Converter/Driver	4.38
570-ICL7107CPL	DIP-40 A/D Converter/Driver	4.70
570-ICL7116CPL	DIP-40 A/D Converter/Driver	6.05
570-ICL7135CPL	DIP-28 A/D Converter/BCD	8.12
570-ICL7136CPL	DIP-40 A/D Converter	7.65
513-NJU7201L12	TO-92 100mA +1.2V V Reg	0.37
◆ 513-NJU7201U12	SOT-89 100mA +2.5V Volt Reg	0.55
513-NJU7201L15	TO-92 100mA +1.5V Volt Reg	0.39
◆ 513-NJU7201U15	SOT-89 100mA 1.5V Volt Reg	0.55
513-NJU7201L25	TO-92 100mA +2.5V Volt Reg	0.39
◆ 513-NJU7201U25	SOT-89 100mA +2.5V Volt Reg	0.55
513-NJU7201L27	TO-92 100mA +2.7V Volt Reg	0.39
◆ 513-NJU7201U27	SOT-89 100mA +2.7V Volt Reg	0.55
513-NJU7201L30	TO-92 3.0V 100mA Voltage Reg	0.39
◆ 513-NJU7201U30	SOT-89 3.0V 100mA Volt Reg	0.55
513-NJU7201L32	TO-92 100mA +3.2V Volt Reg	0.37
◆ 513-NJU7201U32	SOT-89 100mA +3.2V Volt Reg	0.55
513-NJU7201L35	TO-92 100mA +3.5V Volt Reg	0.39
◆ 513-NJU7201U35	SOT-89 100mA +3.5V Volt Reg	0.55
513-NJU7201L40	TO-92 100mA +4.0V Volt Reg	0.43
◆ 513-NJU7201U40	SOT-89 100mA +4.0V Volt Reg	0.55
513-NJU7201L45	TO-92 100mA +4.5V Volt Reg	0.37
◆ 513-NJU7201U45	SOT-89 100mA +4.5V Volt Reg	0.55
513-NJU7201L50	TO-92 5.0V 100mA Voltage Reg	0.39
◆ 513-NJU7201U50	SOT-89 3.0V 100mA Volt Reg	0.55
513-NJU7201L52	TO-92 100mA +5.2V Volt Reg	0.37
◆ 513-NJU7201U52	SOT-89 100mA +5.2V Volt Reg	0.55
513-NJU7201L55	TO-92 100mA +5.5V Volt Reg	0.37
◆ 513-NJU7201U55	SOT-89 100mA +5.5V Volt Reg	0.55
◆ 513-NJU7211U30	SOT-89 3.0V 100mA Volt Reg	0.50
◆ 513-NJU7211U50	SOT-89 5.0V 100mA Volt Reg	0.55
513-NJU7301D	DIP-16 CMOS Qd SPST Ana Sw	1.25
◆ 513-NJU7301M	DMP-16 CMOS Q SPST Ana Sw	0.94
513-NJU7304D	DIP-16 8-Ch Multplxr/Smpl&Hold	1.24
513-NJU7305L	SDIP-28 7-Band EVR/Grph Eqlz	3.01
513-NJU7306L	SDIP-42 11-Bnd EVR/Grph Eqlz	7.01
511-ST7537HS1CFN	PLCC-28 2400 Baud Modem	10.80
570-AD7523JN	DIP-16 D/A Converter	3.09
570-ICM7217AIPI	DIP-28 Timer/Counter	9.92
570-ICM7217IJI	DIP-28 Timer/Counter	11.11
570-ICM7218BIJI	DIP-28 Display Driver	6.72
570-ICM7224IPL	DIP-40 Timer/Counter	9.65
570-ICL7621DCPA	DIP-8 G/P Operational Amp	1.29
570-ICL7641ECPD	DIP-14 G/P Operational Amp	2.05
513-NJU7660D	DIP-8 Voltage Converter	0.46
570-ICL7660CBA	SO-8 Voltage Converter	1.65
◆ 570-ICL7660CPA	DIP-8 Voltage Converter	1.55
◆ 513-NJU7660M	DMP-8 Voltage Converter	0.44
513-NJU7662D	DIP-8 Voltage Converter	0.83
◆ 513-NJU7662M	DMP-8 Voltage Converter	0.87
570-ICL7662CPA	DIP-8 Voltage Converter	1.92
570-7665SCPA	DIP-8 Over/Under Volt Dect.	2.39

STMicroelectronics

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Linear Integrated Circuits

78L02 thru 7224

Supplier	Prefix
STMicroelectronics	511
Harris Semiconductor	570
NJR (JRC)	513

♦ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
513-NJM78L02A	TO-92 +V Regulator 0.1A 2.6V	0.22
♦513-NJM78L02UA	SOT-89 +V Regulator 0.1A 2.6V	0.28
511-L78L33ABZ	TO-92 +V Regulator 0.1A 3.3V	0.28
♦511-L78L33ACD	SO-8 +V Regulator 0.1A 3.3V	0.36
511-L78L33ACZ	TO-92 +V Regulator 0.1A 3.3V	0.28
♦511-L78L05ABD	SO-8 +V Regulator 0.1A 5V	0.40
511-L78L05ABZ	TO-92 + V Regulator 0.1A 5V	0.28
♦511-L78L05ACD	SO-8 + V Regulator 0.1A 5V	0.34
511-L78L05ACZ	TO-92 +V Regulator 0.1A 5V	0.28
♦511-L78L05CD	SO-8 +V Regulator 0.1A 5V	0.30
513-NJM78L05A	TO-92 +V Regulator 0.1A 5V	0.22
♦513-NJM78L05UA	SOT-89 +V Regulator 0.1A 5V	0.28
♦511-L78L06ACD	SO-8 +V Regulator 0.1A 6V	0.36
511-L78L06ACZ	TO-92 +V Regulator 0.1A 6V	0.28
♦511-L78L06CD	SO-8 +V Regulator 0.1A 6V	0.32
513-NJM78L06A	TO-92 +V Regulator 0.1A 6V	0.22
♦513-NJM78L06UA	SOT-89 +V Regulator 0.1A 6V	0.36
♦511-L78L08ABD	SO-8 +V Regulator 0.1A 8V	0.40
511-L78L08ABZ	TO-92 +V Regulator 0.1A 8V	0.30
♦511-L78L08ACD	SO-8 +V Regulator 0.1A 8V	0.36
511-L78L08ACZ	TO-92 +V Regulator 0.1A 8V	0.28
♦511-L78L08CD	SO-8 +V Regulator 0.1A 8V	0.32
513-NJM78L08A	TO-92 +V Regulator 0.1A 8V	0.22
♦513-NJM78L08UA	SOT-89 +V Regulator 0.1A 8V	0.36
♦511-L78L09ACD	SO-8 +V Regulator 0.1A 9V	0.36
511-L78L09ACZ	TO-92 +V Regulator 0.1A 9V	0.28
♦511-L78L09CD	SO-8 +V Regulator 0.1A 9V	0.32
513-NJM78L09A	TO-92 +V Regulator 0.1A 9V	0.22
♦513-NJM78L09UA	SOT-89 +V Regulator 0.1A 9V	0.36
♦513-NJM78L10UA	SOT-89 +V Regulator 0.1A 10V	0.40
♦511-L78L12ABD	SO-8 +V Regulator 0.1A 12V	0.40
511-L78L12ABZ	TO-92 +V Regulator 0.1A 12V	0.28
♦511-L78L12ACD	SO-8 +V Regulator 0.1A 12V	0.34
511-L78L12ACZ	TO-92 +V Regulator 0.1A 12V	0.28
♦511-L78L12CD	SO-8 +V Regulator 0.1A 12V	0.30
513-NJM78L12A	TO-92 +V Regulator 0.1A 12V	0.28
♦513-NJM78L12UA	SOT-89 +V Regulator 0.1A 12V	0.36
♦511-L78L15ACD	SO-8 +V Regulator 0.1A 15V	0.36
511-L78L15ACZ	TO-92 +V Regulator 0.1A 15V	0.28
♦511-L78L15CD	SO-8 +V Regulator 0.1A 15V	0.32
513-NJM78L15A	TO-92 +V Regulator 0.1A 15V	0.22
♦513-NJM78L15UA	SOT-89 +V Regulator 0.1A 15V	0.28
♦511-L78L18CD	SO-8 +V Regulator 0.1A 18V	0.34
513-NJM78L18A	TO-92 +V Regulator 0.1A 18V	0.28
513-NJM78L20A	TO-92 +V Regulator 0.1A 20V	0.22
♦513-NJM78L20UA	SOT-89 +V Regulator 0.1A 20V	0.36
511-L78L24ACZ	TO-92 +V Regulator 0.1A 24V	0.32
513-NJM78L24A	TO-92 +V Regulator 0.1A 24V	0.22
♦511-L78M05ABDT	TO-252 +V Regulator 0.5A 5V	0.88
511-L78M05ABV	TO-220 +V Regulator 0.5A 5V	0.56
♦511-L78M05ACDT	TO-252 +V Regulator 0.5A 5V	0.56
♦511-L78M05CDT	TO-252 +V Regulator 0.5A 5V	0.48
511-L78M05CP	Isowatt220 +V Reg 0.5A 5V	0.48
511-L78M05CV	TO-220 +V Regulator .5A 5V	0.40
511-L78M05CX	SOT-82 +V Regulator .5A 5V	0.37
513-NJM78M05FA	TO-220F +V Regulator 0.5A 5V	0.33
♦511-L78M06ABDT	TO-252 +V Regulator 0.5A 5V	0.88
511-L78M06ABV	TO-220 +V Regulator 0.5A 6V	0.56
♦511-L78M06ACDT	TO-252 +V Regulator 0.5A 6V	0.56
♦511-L78M06CDT	TO-252 +V Regulator 0.5A 6V	0.48
513-NJM78M06FA	TO-220F +V Regulator 0.5A 6V	0.33
♦511-L78M08ABDT	TO-252 +V Regulator 0.5A 8V	0.88
511-L78M08ABV	TO-220 +V Regulator 0.5A 8V	0.56
♦511-L78M08ACDT	TO-252 +V Regulator 0.5A 8V	0.56
♦511-L78M08CDT	TO-252 +V Regulator 0.5A 8V	0.48
511-L78M08CP	Isowatt220 +V Regulat 0.5A 8V	0.55
511-L78M08CV	TO-220 +V Regulator .5A 8V	0.40
513-NJM78M08FA	TO-220F +V Regulator 0.5A 8V	0.33
♦511-L78M09ABDT	TO-252 +V Regulator 0.5A 9V	0.84
511-L78M09ABV	TO-220 +V Regulator 0.5A 9V	0.56
♦511-L78M09ACDT	TO-252 +V Regulator 0.5A 9V	0.56
♦511-L78M09CDT	TO-252 +V Regulator 0.5A 9V	0.48
511-L78M09CV	TO-220 +V Regulator 0.5A 9V	0.40
513-NJM78M09FA	TO-220F +V Regulator 0.5A 9V	0.33
♦511-L78M10CDT	TO-252 +V Regulator 0.5A 10V	0.48
511-L78M10CV	TO-220 +V Regulator 0.5A 10V	0.40
♦511-L78M12ABDT	TO-252 +V Regulator 0.5A 12V	0.88
♦511-L78M12ACDT	TO-252 +V Regulator 0.5A 12V	0.56
♦511-L78M12CDT	TO-252 +V Regulator 0.5A12V	0.48
511-L78M12CP	Isowatt220 +V Reg 0.5A 12V	0.48
511-L78M12CV	TO-220 +V Regulator .5A 12V	0.40
511-L78M12CX	SOT-82 +V Regulator .5A 12V	0.37
513-NJM78M12FA	TO-220F +V Regulatr 0.5A 12V	0.33
511-L78M15ABV	TO-220 +V Regulator 0.5A 15V	0.56

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
♦511-L78M15CDT	TO-252 +V Regulator 0.5A 15V	0.48
511-L78M15CV	TO-220 +V Regulator .5A 15V	0.40
513-NJM78M15FA	TO-220F +V Regulatr 0.5A 15V	0.33
511-L78M18CV	TO-220 +V Regulator .5A 18V	0.40
513-NJM78M18FA	TO-220F +V Regulatr 0.5A 18V	0.33
511-L78M20CV	TO-220 +V Regulator .5A 20V	0.40
513-NJM78M20FA	TO-220F +V Regulatr 0.5A 20V	0.33
♦511-L78M24CDT	TO-252 +V Regulator 0.5A 24V	0.37
511-L78M24CV	TO-220 +V Regulator .5A 24V	0.40
513-NJM78M24FA	TO-220F +V Regulator 0.5A 24V	0.33
511-L78S05CT	TO-3 +V Regulator 2A 5V	1.46
511-L78S05CV	TO-220 +V Regulator 2A 5V	0.46
511-L78S75CV	TO-220 +V Regulator 2A 7.5V	0.48
511-L78S09CT	TO-3 +V Regulator 2A 9V	1.46
511-L78S09CV	TO-220 +V Regulator 2A 9V	0.46
511-L78S10CT	TO-3 +V Regulator 2A 10V	1.46
511-L78S10CV	TO-220 +V Regulator 2A 10V	0.46
511-L78S12CT	TO-3 +V Regulator 2A 12V	1.46
511-L78S12CV	TO-220 +V Regulator 2A 12V	0.46
511-L78S15CT	TO-3 +V Regulator 2A 15V	1.46
511-L78S15CV	TO-220 +V Regulator 2A 15V	0.46
511-L78S18CV	TO-220 +V Regulator 2A 18V	0.46
511-L78S24CV	TO-220 +V Regulator 2A 24V	0.46
511-L7805ABV	TO-220 +V Regulator 1A 5V	0.60
511-L7805ACP	Isowatt220 +V Regulat 1.5A 5V	0.52
511-L7805ACV	TO-220 +V Regulator 1A 5V	0.40
♦511-L7805CD2T	TO-252 +V Regulator 1.5A 5V	0.56
511-L7805CP	Isowatt220 +V Regulat 1.5A 5V	0.52
511-L7805CT	TO-3 +V Regulator 1.5A 5V	1.20
511-L7805CV	TO-220 +V Regulator 1.5A 5V	0.40
513-NJM7805FA	TO-220F +V Regulator 1.5A 5V	0.36
511-L7806ACV	TO-220 +V Regulator 1A 6V	0.46
♦511-L7806CD2T	TO-252 +V Regulator 1.5A 6V	0.56
511-L7806CP	Isowatt220 +V Reg 1.5A 6V	0.52
511-L7806CV	TO-220 +V Regulator 1.5A 6V	0.40
513-NJM7806FA	TO-220F +V Regulator 1.5A 6V	0.36
511-L7808ACV	TO-220 +V Regulator 1A 8V	0.40
♦511-L7808CD2T	TO-252 +V Regulator 1.5A 8V	0.56
511-L7808CP	Isowatt220 +V Reg 1.5A 8V	0.52
511-L7808CV	TO-220 +V Regulator 1.5A 8V	0.40
513-NJM7808FA	TO-220F +V Regulator 1.5A 8V	0.36
511-L7885CV	TO-220 +V Regulator 1.5A 8.5V	0.40
511-L7809ACV	TO-220 +V Regulator 1A 9V	0.46
♦511-L7809CD2T	TO-252 +V Regulator 1.5A 9V	0.56
511-L7809CP	TO-220IS +V Reg. 1.5A 9V	0.52
511-L7809CT	TO-3 +V Regulator 1.5A 9V	1.20
511-L7809CV	TO-220 +V Regulator 1.5A 9V	0.40
513-NJM7809FA	TO-220F +V Regulator 1.5A 9V	0.36
513-NJM7810FA	TO-220F +V Regulator 1.5A 10V	0.36
511-L7812ABV	TO-220 +V Regulator 1A 12V	0.62
511-L7812ACV	TO-220 +V Regulator 1A 12V	0.46
♦511-L7812CD2T	TO-252 +V Regulator 1.5A 12V	0.56
511-L7812CP	Isowatt220 +V Reg 1.5A 12V	0.52
511-L7812CT	TO-3 +V Regulator 1.5A 12V	1.28
511-L7812CV	TO-220 +V Regulator 1.5A 12V	0.40
513-NJM7812FA	TO-220F +V Regulator 1.5A 12V	0.36
511-L7815ACV	TO-220 +V Regulator 1A 15V	0.40
♦511-L7815CD2T	TO-252 +V Regulator 1.5A 15V	0.56
511-L7815CP	Isowatt220 +V Reg 1.5A 15V	0.52
511-L7815CT	TO-3 +V Regulator 1.5A 15V	1.20
511-L7815CV	TO-220 +V Regulator 1.5A 15V	0.40
513-NJM7815FA	TO-220F +V Regulator 1.5A 15V	0.36
511-L7818ABV	TO-220 +V Regulator 1A 18V	0.71
511-L7818ACV	TO-220 +V Regulator 1A 18V	1.20
511-L7818CT	TO-3 +V Regulator 1.5A 18V	1.20
511-L7818CV	TO-220 +V Regulator 1.5A 18V	0.40
513-NJM7818FA	TO-220F +V Reg 1.5A 18V	0.36
511-L7820ACV	TO-220 +V Regulator 1A 20V	0.40
511-L7820CV	TO-220 +V Regulator 1.5A 20V	0.40
513-NJM7820FA	TO-220F +V Regulator 1.5A 20V	0.36
511-L7824ACV	TO-220 +V Regulator 1A 24V	0.40
511-L7824CT	TO-3 +V Regulator 1.5A 24V	1.20
511-L7824CV	TO-220 +V Regulator 1.5A 24V	0.40
513-NJM7824FA	TO-220F +V Regulator 1.5A 24V	0.36
513-NJM79L03A	TO-92 -V Regulator 100mA 3V	0.24
♦513-NJM79L03UA	SOT-89 -V Regulator 100mA 3V	0.28
♦511-L79L05ACD	SO-8 V Regulator 100mA 5V	0.38
511-L79L05ACZ	TO-92 -V Regulator 100mA 5V	0.28
513-NJM79L05A	TO-92 -V Regulator 100mA 5V	0.28
♦513-NJM79L05UA	SOT-89 -V Regulator 100mA 5V	0.40
♦511-L79L06ACD	SO-8 V Regulator 100mA 6V	0.42
513-NJM79L06A	TO-92 -V Regulator 100mA 6V	0.28
♦513-NJM79L06UA	SOT-89 -V Regulator 100mA 6V	0.46
♦511-L79L08ACD	SO-8 V Regulator 100mA 8V	0.42
511-L79L08ACZ	TO-92 -V Regulator 100mA 8V	0.32

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
513-NJM79L08A	TO-92 -V Regulator 100mA 8V	0.28
♦513-NJM79L08UA	SOT-89 -V Regulatr 100mA 8V	0.28
♦511-L79L09ACD	SO-8 V Regulator 100mA 9V	0.42
511-L79L09ACZ	TO-92 -V Regulator 100mA 9V	0.32
513-NJM79L09A	TO-92 -V Regulator 100mA 9V	0.30
♦513-NJM79L09UA	SOT-89 -V Regulator 100mA 9V	0.46
♦511-L79L12ACD	SO-8 V Regulator 100mA 12V	0.38
511-L79L12ACZ	TO-92 -V Regulator 100mA 12V	0.28
513-NJM79L12A	TO-92 -V Regulator 100mA 12V	0.30
♦513-NJM79L12UA	SOT-89 -V Reg 100mA 12V	0.38
♦511-L79L15ACD	SO-8 V Regulator 100mA 15V	0.42
511-L79L15ACZ	TO-92 -V Regulator 100mA 15V	0.32
513-NJM79L15A	TO-92 -V Regulator 100mA 15V	0.22
♦513-NJM79L15UA	SOT-89 -V Reg 100mA 15A	0.28
513-NJM79L18A	TO-92 -V Reg 100mA 18V	0.24
513-NJM79L24A	TO-92 -V Regulator 100mA 24V	0.24
♦513-NJM79L24UA	SOT-89 -V Reg 100mA 24V	0.28
513-NJM79M05FA	TO-220F -V Reg 500mA 5V	0.46
513-NJM79M06FA	TO-220F -V Reg 500mA 6V	0.36
513-NJM79M08FA	TO-220F -V Reg 500mA 8V	0.37
513-NJM79M09FA	TO-220F -V Reg 500mA 9V	0.36
513-NJM79M12FA	TO-220F -V Reg 500mA 12V	0.39
513-NJM79M15FA	TO-220F -V Reg 500mA 15V	0.36
513-NJM79M18FA	TO-220F -V Reg 500mA 18V	0.40
513-NJM79M24FA	TO-220F -V Reg 500mA 24V	0.40
511-L7905ACV	TO-220 -V Regulator 1.5A 5V	0.46
♦511-L7905CD2T	TO-252 -V Regulator 1.5A 5V	0.62
511-L7905CP	Isowatt220 -V Regulator 1.5A 5V	0.52
511-L7905CT	TO-3 -V Regulator 1.5A 5V	1.44
511-L7905CV	TO-220 -V Regulator 1.5A 5V	0.46
513-NJM7905FA	TO-220F -V Regulator 1.5A 5V	0.55
511-L7952ACV	TO-220 -V Regulator 1.5A 5.2V	0.53
511-L7952CT	TO-3 -V Regulator 1.5A 5.2V	1.44
511-L7952CV	TO-220 -V Regulator 1.5A 5.2V	0.40
511-L7906ACV	TO-220 -V Regulator 1.5A 6V	0.50
♦511-L7906CD2T	TO-252 -V Regulator 1.5A 6V	0.62
511-L7906CT	TO-3 -V Regulator 1.5A 6V	1.44
511-L7906CV	TO-220 -V Regulator 1.5A 6V	0.40
513-NJM7906FA	TO-220F -V Regulator 1.5A 6V	0.55
511-L7908ACV	TO-220 -V Regulator 1.5A	0.46
511-L7908CT	TO-3 -V Regulator 1.5A 8V	1.44
511-L7908CV	TO-220 -V Regulator 1.5A 8V	0.40
513-NJM7908FA	TO-220F -V Regulator 1.5A 8V	0.55
513-NJM7909FA	TO-220F -V Regulator 1.5A 9V	0.55
511-L7912ACV	TO-220 -V Regulator 1.5A 12V	0.46
♦511-L7912CD2T	TO-252 -V Regulator 1.5A 12V	0.62
511-L7912CP	Isowatt220 -V Reg 1.5A 12V	0.48
511-L7912CT	TO-3 -V Regulator 1.5A 12V	1.44
511-L7912CV	TO-220 -V Regulator 1.5A 12V	0.40
513-NJM7912FA	TO-220F -V Regulator 1.5A 12V	0.55
511-L7915ACV	TO-220 -V Regulator 1.5A 15V	0.40
511-L7915CT	TO-3 -V Regulator 1.5A 15V	1.44
511-L7915CV	TO-220 -V Regulator 1.5A 15V	0.40
513-NJM7915FA	TO-220F -V Regulator 1.5A 15V	0.55
511-L7918ACV	TO-220 -V Regulator 1.5A 18V	0.50
511-L7918CV	TO-220 -V Regulator 1.5A 18V	0.40
513-NJM7918FA	TO-200F -V Regulator 1.5A 18V	0.55
511-L7920ACV	TO-200 -V Regulator 1.5A 20V	0.50
511-L7924ACV	TO-200 -V Regulator 1.5A 24V	0.50
♦511-L7924CD2T	TO-252 -V Regulator 1.5A 24V	0.62
511-L7924CT	TO-3 -V Regulator 1.5A 24V	1.44
511-L7924CV	TO-220 -V Regulator 1.5A 24V	0.40
513-NJM7924FA	TO-220F -V Regulator 1.5A 24V	0.55
570-8038CCPD	DIP-14 Waveform Generator	3.59
570-ICL8038CCJD	DIP-14 Volt Controlled Osc	4.77
570-ICL8069DMSQ	TO-52 Low-V 2-pin Reference	4.45
513-NJU9201BD	DIP-40 3 1/2 Digit A/D Convert	2.94
♦513-NJU9201BM	SO-42 3 1/2 Digit A/D Convertr	5.19
513-NJU9202BD	DIP-40 3 1/2 Digit A/D Convertr	2.94
♦513-NJU9202BM	SO-42 3 1/2 Digit A/D Convertr	5.80
513-NJU9203BD	DIP-40 3 1/2 Digit A/D Convertr	2.94
513-NJU9204BD	DIP-40 3 1/2 Digit A/D Convertr	2.94
511-L9822	Multi Octal Side Driver	7.70
592-BA10324A	DIP-14 Quad Op Amp	0.33
♦592-BA10324AF	SO-14 Quad Op Amp	0.33
♦592-BA10358F	SO-8 Low Power Dual Op Amp	0.26
♦592-BA10393F	SO-8 Dual Voltage Comparator	0.28
513-NJM13600D	DIP-16 Dual Transduc Op Amp	0.58
♦513-NJM13600M	DMP-16 Dual Trans Op Amp	0.50
513-NJM13700D	DIP-16 Dual Trans Op Amp	0.68
♦513-NJM13700M	DMP-16 Dual Trans Op Amp	0.50
592-BA14741	DIP-14 Quad Op Amp	0.65
♦592-BA14741F	SO-14 Quad Op Amp	0.63
592-BA15532	DIP-8 Dual Low Noise Op Amp	0.70
570-CD22102E	4x4x2 Crosspoint Switch	3.43

STMicroelectronics SII Seiko Instruments

RAMS, EPROMS, and EEPROMS

Supplier	Prefix
STMicroelectronics	511
Seiko Instruments	628
NTE	526

◆ **Surface Mount Device**

For quantities greater than listed call for quote.

MOUSER STOCK NO. Mfr. Industry No.	Package	Description	Price Each 1-99
2100 Series RAMS			
526-NTE2114	DIP-18	4K x 1 NMOS Static RAM 300nS	12.10
NMOS UV EPROMS, 5V Operation			
511-M2732A-2F1	DIP-24	32K (4K x 8) 200ns	7.30
511-M2764A-2F1	DIP-28	64K (8K x 8) 200ns	5.36
511-M2764AF1	DIP-28	64K (8K x 8) 250ns	5.36
511-M27128A-2F1	DIP-28	128K (16K x 8) 200ns	5.36
511-M27128A-F1	DIP-28	128K (16K x 8) 250ns	5.36
511-M27256-2F1	DIP-28	256K (32K x 8) 200ns	7.30
511-M27256-F1	DIP-28	256K (32K x 8) 250ns	7.30
511-M27512-2F1	DIP-28	512K (64K x 8) 200ns	9.74
511-M27512-F1	DIP-28	512K (64K x 8) 250ns	11.20
CMOS OTP ERPOMS, 3.3V Operation			
511-M27W512-10K6	PLCC-32	512K (64K x 8) 100ns	2.80
◆ 511-M27V512-12N	TSOP-32	512K (64K x 8) 120ns	5.60
511-M27W101-80K6	PLCC-32	1M (128K x 8) 80ns	3.60
◆ 511-M27V101-12N	TSOP-32	1M (128K x 8) 120ns	7.20
511-M27W201-80K6	PLCC-32	2M (256K x 8) 80ns	5.00
◆ 511-M27W201-80N6	TSOP-32	2M (256K x 8) 80ns	5.00
511-M27V401-20K	PLCC-32	4M (512K x 8) 200ns	18.80
◆ 511-M27W401-80N6	TSOP-32	4M (256K x 8) 80ns	8.00
CMOS OTP EPROMS, 5V Operation			
511-M27C256B-70C	PLCC-32	256K (32K x 8) 70ns	3.30
511-M27C256B-90B	DIP-28	256K (32K x 8) 90ns	2.80
511-M27C256B-90C	PLCC-32	256K (32K x 8) 90ns	2.80
511-M27C256B-12B	DIP-28	256K (32K x 8) 120ns	2.30
511-M27C256B-15B	DIP-28	256K (32K x 8) 150ns	2.30
511-M27C512-70C	PLCC-32	512K (64K x 8) 70ns	3.50
511-M27C512-90B	DIP-28	512K (64K x 8) 90ns	3.06
511-M27C512-90C	PLCC-32	512K (64K x 8) 90ns	3.06
511-M27C512-12B	DIP-28	512K (64K x 8) 120ns	2.40
511-M27C512-15B	DIP-28	512K (64K x 8) 150ns	2.40
511-M27C1001-70B	DIP-32	1M (128K x 8) 70ns	2.70
511-M27C1001-70C	PLCC-32	1M (128K x 8) 70ns	2.70
511-M27C1001-90C	PLCC-32	1M (128K x 8) 90ns	2.70
511-M27C1001-10B	DIP-32	1M (128K x 8) 100ns	2.70
511-M27C1001-12B	DIP-32	1M (128K x 8) 120ns	4.20
511-M27C1001-15B	DIP-32	1M (128K x 8) 150ns	2.70
511-M27C2001-70C	PLCC-32	2M (256K x 8) 70ns	4.40
511-M27C2001-90C	PLCC-32	2M (256K x 8) 90ns	4.40
511-M27C405-12K	PLCC-32	4M (512K x 8) 120ns	11.00
◆ 511-M27C405-12N	TSOP-32	4M (512K x 8) 120ns	11.50
511-M27C4001-90C	PLCC-32	4M (512K x 8) 90ns	8.40
511-M27C4001-10C	PLCC-32	4M (512K x 8) 100ns	6.50
511-M27C4001-12B	DIP-32	4M (512K x 8) 120ns	7.50
CMOS UV EPROMS, 5V Operation			
511-M27C64A-15F	DIP-28	64K (8K x 8) 150ns	4.00
511-M27C256B-70XF	DIP-28	256K (32K x 8) 70ns	3.80
511-M27C256B-80XF	DIP-28	256K (32K x 8) 80ns	3.40
511-M27C256B-10F	DIP-28	256K (32K x 8) 100ns	3.30
511-M27C256B-12F	DIP-28	256K (32K x 8) 120ns	3.30
511-M27C256B-15F	DIP-28	256K (32K x 8) 150ns	3.30
511-M87C257-12F	DIP-28	256K (32K x 8) 120ns	6.46
511-M87C257-20F	DIP-28	256K (32K x 8) 200ns	7.00
511-M27C512-45XF	DIP-28	512K (64K x 8) 45ns	4.30
511-M27C512-70XF	DIP-28	512K (64K x 8) 70ns	4.00
511-M27C512-80XF	DIP-28	512K (64K x 8) 80ns	3.64
511-M27C512-10F	DIP-28	512K (64K x 8) 100ns	3.50
511-M27C512-12F	DIP-28	512K (64K x 8) 120ns	3.50
511-M27C512-15F	DIP-28	512K (64K x 8) 150ns	3.50
511-M27C1001-45XF	DIP-32	1M (128K x 8) 45ns	6.30
511-M27C1001-60XF	DIP-32	1M (128K x 8) 60ns	5.80
511-M27C1001-70XF	DIP-32	1M (128K x 8) 70ns	6.21
511-M27C1001-80XF	DIP-32	1M (128K x 8) 80ns	4.20
511-M27C1001-10F	DIP-32	1M (128K x 8) 100ns	4.20
511-M27C1001-12F	DIP-32	1M (128K x 8) 120ns	4.20
511-M27C1001-15F	DIP-32	1M (128K x 8) 150ns	4.20
511-M27C1024-70XF	DIP-40	1M (64K x 16) 70ns	8.74
511-M27C1024-80XF	DIP-40	1M (64K x 16) 80ns	7.00
511-M27C1024-12F	DIP-40	1M (64K x 16) 120ns	6.40
511-M27C1024-15F	DIP-40	1M (64K x 16) 150ns	6.40
511-M27C1024-20F	DIP-40	1M (64K x 16) 200ns	7.60
511-M27C2001-70XF	DIP-32	2M (256K x 8) 70ns	8.60
511-M27C2001-80XF	DIP-32	2M (256K x 8) 80ns	8.00
511-M27C2001-10F	DIP-32	2M (256K x 8) 100ns	6.00
511-M27C2001-12F	DIP-32	2M (256K x 8) 120ns	6.00
511-M27C2001-15F	DIP-32	2M (256K x 8) 150ns	6.00
511-M27C4001-45XF	DIP-32	4M (512K x 8) 45ns	14.40
511-M27C4001-80XF	DIP-32	4M (512K x 8) 80ns	13.20
511-M27C4001-10F	DIP-32	4M (512K x 8) 100ns	7.50
511-M27C4001-12F	DIP-32	4M (512K x 8) 120ns	7.50
511-M27C4001-15F	DIP-32	4M (512K x 8) 150ns	7.50
511-M27C4002-80XF	DIP-40	4M (256K x 16) 80ns	15.40
511-M27C4002-10F	DIP-40	4M (256K x 16) 100ns	10.00
511-M27C4002-12F	DIP-40	4M (256K x 16) 120ns	10.00
511-M27C4002-15F	DIP-40	4M (256K x 16) 150ns	10.00
511-M27C800-10F	DIP-42	8M (1M x8 or 512K x 16) 100ns	15.00

For quantities greater than listed call for quote.

MOUSER STOCK NO. Mfr. Industry No.	Package	Description	Price Each 1-99
CMOS UV EPROMS, 5V Operation (cont.)			
511-M27C801-90F	DIP-32	8M (1M x 8) 90ns	14.00
511-M27C801-10F	DIP-32	8M (1M x 8) 100ns	14.00
511-M27C801-12F	DIP-32	8M (1M x 8) 120ns	14.00
511-M27C801-15F	DIP-32	8M (1M x 8) 150ns	13.00
511-M27C160-10F	DIP-42	16M (2M X 8) 100ns	22.00
511-M27C160-15F	DIP-42	16M (2M X 8) 150ns	27.60
I^{2}C Bus EEPROMS			
511-M24C01-BN6	DIP-8	1K (128 x 8) 4.5V-5.5V EEPROM	.60
◆ 511-M24C01-MN6	SO-8	1K (128 x 8) 4.5V-5.5V EEPROM	.60
511-M24C01-WBN6	DIP-8	1K (128 x 8) 2.5V-5.5V EEPROM	.66
◆ 511-M24C01-WMN6	SO-8	1K (128 x 8) 2.5V-5.5V EEPROM	.66
628-24C01BDP	DIP-8	1K (128 x 8) 2.5V-5.5V EEPROM	.42
◆ 628-24C01BFJ	SO-8	1K (128 x 8) 2.5V-5.5V EEPROM	.52
511-M24C02-BN6	DIP-8	2K (256 x 8) 4.5V-5.5V EEPROM	.70
◆ 511-M24C02-MN6	SO-8	2K (256 x 8) 4.5V-5.5V EEPROM	.70
511-M24C02-WBN6	DIP-8	2K (256 x 8) 2.5V-5.5V EEPROM	.70
◆ 511-M24C02-WMN6	SO-8	2K (256 x 8) 2.5V-5.5V EEPROM	.76
628-24C02BDP	DIP-8	2K (256 x 8) 2.5V-5.5V EEPROM	.43
◆ 628-24C02BFJ	SO-8	2K (256 x 8) 2.5V-5.5V EEPROM	.54
511-M24C04-BN6	DIP-8	4K (512 x 8) 4.5V-5.5V EEPROM	.76
◆ 511-M24C04-MN6	SO-8	4K (512 x 8) 4.5V-5.5V EEPROM	.76
511-M24C04-WBN6	DIP-8	4K (512 x 8) 2.5V-5.5V EEPROM	.84
◆ 511-M24C04-WMN6	SO-8	4K (512 x 8) 2.5V-5.5V EEPROM	.84
628-24C04BDP	DIP-8	4K (512 x 8) 2.5V-5.5V EEPROM	.54
◆ 628-24C04BFJ	SO-8	4K (512 x 8) 2.5V-5.5V EEPROM	.68
511-M24C08-BN6	DIP-8	8K (1K x 8) 4.5V-5.5V EEPROM	1.04
◆ 511-M24C08-MN6	SO-8	8K (1K x 8) 4.5V-5.5V EEPROM	1.04
511-M24C08-WBN6	DIP-8	8K (1K x 8) 2.5V-5.5V EEPROM	1.04
◆ 511-M24C08-WMN6	SO-8	8K (1K x 8) 2.5V-5.5V EEPROM	1.04
628-24C08ADP	DIP-8	8K (1K x 8) 2.5V-5.5V EEPROM	.91
◆ 628-24C08AFJ	SO-8	8K (1K x 8) 2.5V-5.5V EEPROM	1.14
511-M24C16-BN6	DIP-8	16K (2K x 8) 4.5V-5.5V EEPROM	1.42
◆ 511-M24C16-MN6	SO-8	16K (2K x 8) 4.5V-5.5V EEPROM	1.42
511-M24C16-WBN6	DIP-8	16K (2K x 8) 2.5V-5.5V EEPROM	1.58
◆ 511-M24C16-WMN6	SO-8	16K (2K x 8) 2.5V-5.5V EEPROM	1.58
628-24C16ADP	DIP-8	16K (2K x 8) 2.5V-5.5V EEPROM	1.17
◆ 628-24C16AFJ	SO-8	16K (2K x 8) 2.5V-5.5V EEPROM	1.46
511-M24C32-BN6	DIP-8	32K (4K x 8) 4.5V-5.5V EEPROM	1.90
◆ 511-M24C32-MN6	SO-8	32K (4K x 8) 4.5V-5.5V EEPROM	1.90
511-M24C32-WBN6	DIP-8	32K (4K x 8) 2.5V-5.5V EEPROM	2.10
◆ 511-M24C32-WMN6	SO-8	32K (4K x 8) 2.5V-5.5V EEPROM	2.10
511-M24C64-BN6	DIP-8	64K (8K x 8) 4.5V-5.5V EEPROM	2.30
◆ 511-M24C64-MN6	SO-8	64K (8K x 8) 4.5V-5.5V EEPROM	2.30
511-M24C64-WBN6	DIP-8	64K (8K x 8) 2.5V-5.5V EEPROM	2.54
◆ 511-M24C64-WMN6	SO-8	64K (8K x 8) 2.5V-5.5V EEPROM	2.54
511-M24128-BN6	DIP-8	128K (16K x 8) 4.5V-5.5V EEPROM	4.06
◆ 511-M24128-MN6	SO-8	128K (16K x 8) 4.5V-5.5V EEPROM	4.06
511-M24128-WBN6	DIP-8	128K (16K x 8) 2.5V-5.5V EEPROM	4.74
◆ 511-M24128-WMN6	SO-8	128K (16K x 8) 2.5V-5.5V EEPROM	4.46
511-M24256-BN6	DIP-8	256K (32K x 8) 4.5V-5.5V EEPROM	7.04
◆ 511-M24256-MW6	SO-8	256K (32K x 8) 4.5V-5.5V EEPROM	7.30
511-M24256-WBN6	DIP-8	256K (32K x 8) 2.5V-5.5V EEPROM	7.58
◆ 511-M24256-WMW6	SO-8	256K (32K x 8) 2.5V-5.5V EEPROM	7.84
◆ 511-ST24C01M	SO-8	1K (128 X 8) CMOS EEPROM	.60
511-ST24C08B	DIP-8	8K (4 by 256 x 8) CMOS EEPROM	1.16
◆ 511-ST24W01M	SO-8	1K (128 x 8) CMOS EEPROM	.64
511-ST24W02CB	DIP-8	2K (256 x 8) CMOS EEPROM	.74
511-ST24W04CB	DIP-8	4K (512 x 8) CMOS EEPROM	.80
511-ST24W08B	DIP-8	8K (1K x 8) CMOS EEPROM	1.24
◆ 511-ST24W08M	SO-8	8K (1K x 8) CMOS EEPROM	1.24
511-ST24W16B	DIP-8	16K (2K x 8) CMOS EEPROM	1.52
511-ST25C04B	DIP-8	4K (512 x 8) CMOS EEPROM	.84
511-ST25C16CB	DIP-8	16K (2K x 8) CMOS EEPROM	1.58
◆ 511-ST25W02M	SO-8	2K (256 x 8) CMOS EEPROM	.80
511-ST25W04CB	DIP-8	4K (512 x 8) CMOS EEPROM	.88
28C Series EEPROMS			
511-M28C64C-15K6	PLCC-32	64K (8K x 8) CMOS EEPROM 150ns	10.00
◆ 511-M28C64C-15MS6	SO-28	64K (8K x 8) CMOS EEPROM 150ns	10.00
◆ 511-M28C64C-15N6	TSOP-28	64K (8K x 8) CMOS EEPROM 150ns	10.00
511-M28C64C-15P6	DIP-28	64K (8K x 8) CMOS EEPROM 150ns	10.00
511-M28C64C-20K6	PLCC-32	64K (8K x 8) CMOS EEPROM 200ns	10.00
511-M28C64C-20P6	DIP-28	64K (8K x 8) CMOS EEPROM 200ns	10.00
Microwire Bus EEPROMS			
511-M93C06-BN6	DIP-8	256 (16 x 16 or 32 x 8) 4.5V-5.5V EEPROM	.60
◆ 511-M93C06-MN6	SO-8	256 (16 x 16 or 32 x 8) 4.5V-5.5V EEPROM	.60
511-M93C46-BN6	DIP-8	1K (64 x 16 or 128 x 8) 4.5V-5.5V EEPROM	.60
◆ 511-M93C46-MN6	SO-8	1K (64 x 16 or 128 x 8) 4.5V-5.5V EEPROM	.60
511-M93S46-WBN6	DIP-8	1K (64 x 16 or 128 x 8) 2.5V-5.5V EEPROM	.66
◆ 511-M93S46-WMN6	SO-8	1K (64 x 16 or 128 x 8) 2.5V-5.5V EEPROM	.66
628-93C46ADP	DIP-8	1K (64 x 16 or 128 x 8) 1.8V-5.5V EEPROM	.46
◆ 628-93C46ADF	SOP2-8	1K (64 x 16 or 128 x 8) 1.8V-5.5V EEPROM	.58
511-M93C56-BN6	DIP-8	2K (128 x 16 or 256 x 8) 4.5V-5.5V EEPROM	.70
◆ 511-M93C56-MN6	SO-8	2K (128 x 16 or 256 x 8) 4.5V-5.5V EEPROM	.70
511-M93S56-WBN6	DIP-8	2K (128 x 16 or 256 x 8) 2.5V-5.5V EEPROM	.94
◆ 511-M93S56-WMN6	SO-8	2K (128 x 16 or 256 x 8) 2.5V-5.5V EEPROM	.94
628-93C56ADP	DIP-8	2K (128 x 16 or 256 x 8) 1.8V-5.5V EEPROM	.53
◆ 628-93C56ADF	SOP2-8	2K (128 x 16 or 256 x 8) 1.8V-5.5V EEPROM	.68

STMicroelectronics SII Seiko Instruments NEC
AVG Semiconductors™ NTE ELECTRONICS, INC.

RAMS and EPROMS

Supplier	Prefix
STMicroelectronics	511
Seiko Instruments	628
NTE	526
NEC	551
AVG Semiconductor	605

♦ Surface Mount Device

For quantities greater than listed call for quote.

MOUSER STOCK NO. Mfr. Industry No.	Package	Description	Price Each 1-99
Microwire Bus EEPROMS (cont.)			
511-M93C66-BN6	DIP-8	4K (256 x 16 or 512 x 8) 4.5V-5.5V EEPROM	1.02
♦ 511-M93C66-MN6	SO-8	4K (256 x 16 or 512 x 8) 4.5V-5.5V EEPROM	.84
511-M93S66-WBN6	DIP-8	4K (256 x 16 or 512 x 8) 2.5V-5.5V EEPROM	.98
♦ 511-M93C86-WMN6	SO-8	16K (1K x 16 or 2K x 8) 2.5V-5.5V EEPROM	1.66
628-93C66ADP	DIP-8	4K (256 x 16 or 512 x 8) 1.8V-5.5V EEPROM	.66
♦ 628-93C66ADF	SOP2-8	4K (256 x 16 or 512 x 8) 1.8V-5.5V EEPROM	.82
511-ST93C56B	DIP-8	2K (128 x 16 or 256 x 8) CMOS EEPROM	.70
511-M93S46-WBN6	DIP-8	1K (64 x 16) CMOS EEPROM	.66
♦ 511-M93S56-WMN6	SO-8	2K (128 x 16) CMOS EEPROM	.94
511-ST93CS57B	DIP-8	2K (128 x 16) CMOS EEPROM	1.04
Single Voltage (3V) Flash EEPROMS			
♦ 511-M29W040B12N	TSOP-32	4M (512K x 8) 120ns	7.20
511-M29W040B12K	PLCC-32	4M (512K x 8) 120ns	7.20
♦ 511-M29W400B-12M	SO-44	4M (512K x 8 or 256K x 16) 120ns	8.80
♦ 511-M29W400T-10M	SO-44	4M (512K x 8 or 256K x 16) 100ns	8.80
♦ 511-M29W400BT90N	TSOP-48	4M (512K x 8 or 256K x 16) 90ns	7.20
♦ 511-M29W400T-12M	SO-44	4M (512K x 8 or 256K x 16) 120ns	8.80
♦ 511-M29W800AB90N	TSOP-48	8M (1M x 8 or 512K x 16) 90ns	7.50
♦ 511-M29W800AT90N	TSOP-48	8M (1M x 8 or 512K x 16) 90ns	7.50
Single Voltage (5V) Flash EEPROMS			
511-M29F512B70K	PLCC-32	512K (64K x 8) 90ns	3.20
511-M29F010B90P	DIP-32	1M (128K x 8) 90ns	4.48
♦ 511-M29F100BB90N	TSOP-48	1M (128K x 8 or 64K x 16) 90ns	4.80
♦ 511-M29F100T-90M	SO-44	1M (128K x 8 or 64K x 16) 90ns	4.96
♦ 511-M29F200T-70XM	SO-44	2M (256K x 8 or 128K x 16) 70ns	6.56
♦ 511-M29F200T-70XN	TSOP-48	2M (256K x 8 or 128K x 16) 70ns	9.20
♦ 511-M29F200T-90M	SO-44	2M (256K x 8 or 128K x 16) 90ns	6.56
♦ 511-M29F200T-90N	TSOP-48	2M (256K x 8 or 128K x 16) 90ns	6.56
511-M29F040B70K	PLCC-32	4M (512K x 8) 70ns	6.40
♦ 511-M29F040B70N	TSOP-32	4M (512K x 8) 70ns	6.40
511-M29F040B90K	PLCC-32	4M (512K x 8) 90ns	6.40
♦ 511-M29F040B90N	TSOP-32	4M (512K x 8) 90ns	6.40
♦ 511-M29F400BT90M	SO-44	4M (512K x 8 or 256K x 16) 90ns	7.20
♦ 511-M29F400BT90N	TSOP-48	4M (512K x 8 or 256K x 16) 90ns	7.20
Dual Voltage (5V/12V) Flash EEPROMS			
511-M28F512-90C	PLCC-32	512K (64K x 8) 90ns	6.00
511-M28F101-12K	PLCC-32	1M (128KL x 8) 120ns	6.00
♦ 511-M28F101-12N	TSOP-32	1M (128K x 8) 120ns	6.00
♦ 511-M28F201-90N	TSOP-32	2M (256K x 8) 90ns	11.00

For quantities greater than listed call for quote.

MOUSER STOCK NO. Mfr. Industry No.	Package	Description	Price Each 1-99
Dual Voltage (5V/12V) Flash EEPROMS (cont.)			
511-M28F201-12K	PLCC-32	2M (256K x 8) 120ns	10.00
♦ 511-M28F411-90N	TSOP-40	4M (512K x 8) 90ns	17.80
41000 Series Dynamic RAMS			
605-41256P-10	DIP-16	256K (256Kx1) Dynamic Ram 100NS	1.84
605-41464P-10	DIP-18	256K (64Kx4) Dynamic Ram 100NS	1.84
43000 Series CMOS Static RAMS			
♦ 551-431000AGW70L	SO-32	1M (128K x 8) CMOS SRAM 70nS	3.85
♦ 551-434008ALE17	SO-36	4M (512K x 8) CMOS SRAM 17nS	13.49
TIMEKEEPER™ SRAMS Clock with Battery			
511-M48T0215PC1	DIP-24	16K (2K x 8) CMOS SRAM 150nS	12.80
511-M48T0220PC1	DIP-24	16K (2K x 8) CMOS SRAM 200nS	12.80
511-M48T1215PC1	DIP-24	16K (2K x 8) CMOS SRAM 150nS	12.80
511-M48T1220PC1	DIP-24	16K (2K x 8) CMOS SRAM 200nS	12.80
511-M48T5970PC1	DIP-28	64K (8K x 8) CMOS SRAM 70nS	20.00
♦ 511-M48T59Y70MH1	SO-28	64K (8K x 8) CMOS SRAM 70nS	18.92
511-M48T59Y70PC1	DIP-28	64K (8K x 8) CMOS SRAM 70nS	20.00
511-M48T0810PC1	DIP-28	64K (8K x 8) CMOS SRAM 100nS	16.00
511-M48T0815PC1	DIP-28	64K (8K x 8) CMOS SRAM 150nS	16.00
♦ 511-M48T1810MH1	SO-28	64K (8K x 8) CMOS SRAM 100nS	15.54
511-M48T1810PC1	DIP-28	64K (8K x 8) CMOS SRAM 100nS	16.00
511-M48T1815PC1	DIP-28	64K (8K x 8) CMOS SRAM 150nS	16.00
511-M4T28BR12SH1	SH-28	Timekeeper SRAM Battery and Crystal	3.10
ZEROPOWER™ SRAMS with Battery			
511-M48Z02170PC1	DIP-24	16K (2K x 8) CMOS SRAM 70nS	13.10
511-M48Z0215PC1	DIP-24	16K (2K x 8) CMOS SRAM 150nS	7.20
511-M48Z0220PC1	DIP-24	16K (2K x 8) CMOS SRAM 200nS	7.20
511-M48Z1215PC1	DIP-24	16K (2K x 8) CMOS SRAM 150nS	7.70
511-M48Z1220PC1	DIP-24	16K (2K x 8) CMOS SRAM 200nS	7.30
511-M48Z0810PC1	DIP-28	64K (8K x 8) CMOS SRAM 100nS	11.26
511-M48Z0910PC1	DIP-28	64K (8K x 8) CMOS SRAM 100nS	13.20
511-M48Z1810PC1	DIP-28	64K (8K x 8) CMOS SRAM 100nS	11.26
511-M4Z28BR00SH1	SH-28	ZeroPower SRAM Battery	2.72
65101 SRAM			
526-NTE65101	DIP-22	1K NMOS Static RAM - 450nS	14.80
Very Fast CMOS SRAMS			
♦ 511-M638032-15E	SO-28	256K (32K x 8) 3.3V CMOS SRAM 15nS	10.81
♦ 511-M638032-20E	SO-28	256K (32K x 8) 3.3V CMOS SRAM 20nS	10.35
♦ 511-M624256-20E	SO-28	1M (256K x 4) 5.0V CMOS SRAM 20nS	33.44

STMicroelectronics

Microcontrollers

8-Bit

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MOUSER STOCK NO. Mfr. Industry No.	Package	Features & Characteristics: OTP ROM	RAM	E²PROM	A/D Inputs	Timers	Serial Interface	I/Os (Hi-Curr)	Additional Features	Price Each 1	100	500
511-ST62T00CB6	DIP-16	1K	64	——	4x8-Bit	1x8-Bit	——	9 (3)	Low voltage detector RC oscillator oscillator safe guard read-out protection direct LED/triac driving	2.13	2.00	1.93
♦ 511-ST62T00CM6	SO-16	1K	64	——	4x8-Bit	1x8-Bit	——	9 (3)		2.13	2.00	1.93
511-ST62T01CB6	DIP-16	2K	64	——	4x8-Bit	1x8-Bit	——	9 (3)		2.29	2.15	2.07
♦ 511-ST62T01CM6	SO-16	2K	64	——	4x8-Bit	1x8-Bit	——	9 (3)		2.29	2.15	2.07
511-ST62T03CB6	DIP-16	1K	64	——	——	1x8-Bit	——	9 (3)		1.97	1.85	1.78
♦ 511-ST62T03CM6	SO-16	1K	64	——	——	1x8-Bit	——	9 (3)		1.97	1.85	1.78
511-ST62T08CB6	DIP-20	1K	64	——	——	1x8-Bit	——	12 (4)		2.29	2.15	2.07
♦ 511-ST62T08CM6	SO-20	1K	64	——	——	1x8-Bit	——	12 (4)		2.29	2.15	2.07
511-ST62T09CB6	DIP-20	1K	64	——	4x8-Bit	1x8-Bit	——	12 (4)		2.61	2.45	2.36
♦ 511-ST62T09CM6	SO-20	1K	64	——	4x8-Bit	1x8-Bit	——	12 (4)		2.61	2.45	2.36
511-ST62T10CB6	DIP-20	2K	64	——	8x8-Bit	1x8-Bit	——	12 (4)		2.93	2.75	2.65
♦ 511-ST62T10CM6	SO-20	2K	64	——	8x8-Bit	1x8-Bit	——	12 (4)		2.93	2.75	2.65
511-ST62T15CB6	DIP-28	2K	64	——	16x8-Bit	1x8-Bit	——	20 (4)		3.17	2.97	2.87
♦ 511-ST62T15CM6	SO-28	2K	64	——	16x8-Bit	1x8-Bit	——	20 (4)		3.17	2.97	2.87
511-ST62T20CB6	DIP-20	4K	64	——	8x8-Bit	1x8-Bit	——	12 (4)		3.09	2.90	2.80
♦ 511-ST62T20CM6	SO-20	4K	64	——	8x8-Bit	1x8-Bit	——	12 (4)		3.09	2.90	2.80
511-ST62T25CB6	DIP-28	4K	64	——	16x8-Bit	1x8-Bit	——	20 (4)		3.34	3.14	3.03
♦ 511-ST62T25CM6	SO-28	4K	64	——	16x8-Bit	1x8-Bit	——	20 (4)		3.34	3.14	3.03
511-ST62T30BB6	DIP-28	8K	192	128	16x8-Bit	1x8-Bit	SPI/UART	20 (4)	Auto-reload timer read-out protection direct LED/triac driving in capture/out compare	4.93	4.62	4.47
♦ 511-ST62T30BM6	SO-28	8K	192	128	16x8-Bit	1x8-Bit	SPI/UART	20 (4)		4.93	4.62	4.47
511-ST62T32BB6	DIP-42	8K	192	128	21x8-Bit	1x8-Bit	SPI/UART	30 (9)		5.89	5.52	5.34
♦ 511-ST62T32BQ6	PQFP-52	8K	192	128	21x8-Bit	1x8-Bit	SPI/UART	30 (9)		5.89	5.52	5.34
♦ 511-ST62T40BQ6	PQFP-80	8K	216	128	12x8-Bit	2x8-Bit	SPI	24 (4)	LCD display read-out protection direct LED/triac driving	8.80	8.25	7.98
♦ 511-ST62T42BQ6	PQFP-64	8K	216	128	6x8-Bit	2x8-Bit	SPI	18 (4)		7.20	6.75	6.53
511-ST62T52CB6	DIP-16	2K	128	——	4X8-Bit	1x8-Bit	——	9 (5)	Low voltage detector RC oscillator oscillator safe guard read-out protection direct LED/triac driving in capture/out compare	2.67	2.51	2.42
♦ 511-ST62T52CM6	SO-16	2K	128	——	4X8-Bit	1x8-Bit	——	9 (5)		2.67	2.51	2.42
♦ 511-ST62T52CN6	SSOP-16	2K	128	——	4X8-Bit	1x8-Bit	——	9 (5)		2.90	2.72	2.62
511-ST62T53BB6	DIP-20	2K	128	——	7X8-Bit	1x8-Bit	SPI	13 (6)		4.70	4.41	4.26
511-ST62T53CB6	DIP-20	2K	128	——	7X8-Bit	1x8-Bit	SPI	13 (6)		3.31	3.11	3.00
♦ 511-ST62T53CM6	SO-20	2K	128	——	7X8-Bit	1x8-Bit	SPI	13 (6)		3.31	3.11	3.00
511-ST62T55CB6	DIP-28	4K	128	——	13X8-Bit	1x8-Bit	SPI	21 (8)		3.76	3.53	3.41
♦ 511-ST62T55CM6	SO-28	4K	128	——	13X8-Bit	1x8-Bit	SPI	21 (8)		3.76	3.53	3.41
♦ 511-ST62T55CN6	SSOP-28	4K	128	——	13X8-Bit	1x8-Bit	SPI	21 (8)		4.00	3.75	3.63
511-ST62T60BB6	DIP-20	4K	128	128	7X8-Bit	1x8-Bit	SPI	13 (6)		5.76	5.40	5.22
♦ 511-ST62T60BM6	SO-20	4K	128	128	7X8-Bit	1x8-Bit	SPI	13 (6)		5.76	5.40	5.22
511-ST62T60CB6	DIP-20	4K	128	128	7X8-Bit	1x8-Bit	SPI	13 (6)		3.68	3.45	3.34
♦ 511-ST62T60CM6	SO-20	4K	128	128	7X8-Bit	1x8-Bit	SPI	13 (6)		3.68	3.45	3.34
511-ST62T62CB6	DIP-16	2K	128	64	4X8-Bit	1x8-Bit	——	9 (5)		3.04	2.85	2.76
♦ 511-ST62T62CM6	SO-16	2K	128	64	4X8-Bit	1x8-Bit	——	9 (5)		3.04	2.85	2.76
♦ 511-ST62T62CN6	SSOP-16	2K	128	64	4X8-Bit	1x8-Bit	——	9 (5)		3.26	3.06	2.96
511-ST62T63CB6	DIP-20	2K	128	64	7X8-Bit	1x8-Bit	SPI	13 (6)		3.58	3.36	3.25
♦ 511-ST62T63CM6	SO-20	2K	128	64	7X8-Bit	1x8-Bit	SPI	13 (6)		3.58	3.36	3.25
511-ST62T65CB6	DIP-28	4K	128	128	13X8-Bit	1x8-Bit	SPI	21 (8)		4.14	3.89	3.76
♦ 511-ST62T65CM6	SO-28	4K	128	128	13X8-Bit	1x8-Bit	SPI	21 (8)		4.14	3.89	3.76
♦ 511-ST62T65CN6	SSOP-28	4K	128	128	13X8-Bit	1x8-Bit	SPI	21 (8)		4.37	4.10	3.96

STMicroelectronics
NEC
HARRIS Semiconductor
NTE ELECTRONICS, INC.

Microprocessors, Peripheral IC's, and Programmers

Supplier	Prefix
Harris Semiconductor	570
NEC	551
NTE	526
STMicroelectronics	511

♦Surface Mount Device

For quantities greater than listed call for quote.

MOUSER STOCK NO.		Package	Description	Price Each
Mfr.	Industry no.			1-99
3880 Microprocessor				
526-NTE3880		DIP-40	8 Bit NMOS Microprocessor 4 MHz	23.20
6800 / 68B / 6800 Series MPU, Peripherals				
511-EF6809P		DIP-40	High-Performance Microprocessor 1 MHz	4.14
526-NTE6810		DIP-24	1K Static RAM 450nS	7.95
526-NTE6821		DIP-40	NMOS Peripheral Interface Adapter 1 MHz	8.29
511-EF6821P		DIP-40	Peripheral Interface Adapter 1 MHz	2.42
511-EF6840P		DIP-28	NMOS Programmable Timer 1 MHz	2.86
511-EF68B09P		DIP-40	High Performance Microprocessor 2 MHz	4.74
511-EF68B21P		DIP-40	Peripheral Interface Adapter 2 MHz	2.64
511-EF68B40P		DIP-28	Programmable Timer 2 MHz	3.08
511-EF68B50P		DIP-24	Async Communications Interface 2 MHz	2.54
511-EF68B54P		DIP-28	Data Link Controller	4.10

For quantities greater than listed call for quote.

MOUSER STOCK NO.		Package	Description	Price Each
Mfr.	Industry no.			1-99
7100 Series CMOS Peripherals				
551-71011C10		DIP-18	Clock Pulse Driver	5.88
551-71054C		DIP-24	Programmable Timer/counter 8 MHz	2.03
551-71055C		DIP-40	Parallel Interface Unit 8 MHz	1.82
551-71059C		DIP-28	Interrupt Control Unit 8 MHz	2.10
551-71082C		DIP-20	8 Bit Non-Inverted Latch	3.15
551-71084C		DIP-18	Clock Pulse Generator/Driver 8 MHz	2.73
551-71088C		DIP-20	System Bus Controller 8 MHz	4.48
7200 Series Peripherals				
551-72001C11		DIP-40	Serial Communication Controller 12.5MHz	15.01
8000 / 8200 / 82C Series MPU, Peripherals				
526-NTE8080A		DIP-40	8 Bit NMOS Microprocessor 2 MHz	11.86
526-NTE8212		DIP-24	8 Bit Schottky Input/Output Port	5.95
570-CDP82C55A		DIP-40	Programmable Peripheral Interface	6.39

BK PRECISION PROGRAMMERS

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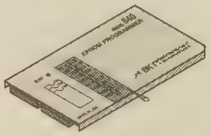

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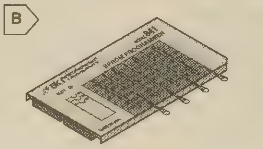

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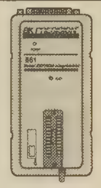

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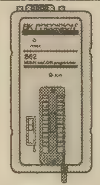

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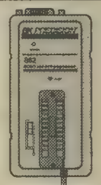

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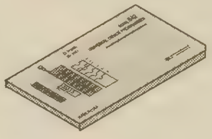

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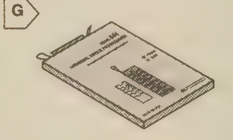

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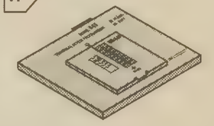

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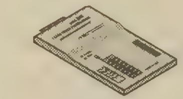

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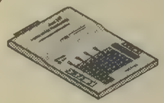


Features:

- Auto search decice select function supports (E)EPROMs and Flash Memory
- Full Screen Menu operates by simple keystroke commands
- Automatically configures for host parallel port
- Supports JEDEC, Intel Hex, Motorola S Records, Binary Tektronix Protocol and ASCII file formats
- Test TTL, CMOS, RAM with Mouser Stock # 615-845

NEW THIS ISSUE

Specifications:

For EPROM Programmers:

- Devices Supported: 615-840, 615-841: EPROMs, Page mode EPROMs, EEPROMs, PROMs; 615-861: Serial EEPPROMs; 615-862: Serial EEPPROMs, Microcontrollers of MCS51 and Atmel AVR family; 615-863: Serial EEPPROMs, Microcontrollers of PICmicro family
- Interface: 615-840, 615-841: 8-bit ISA bus, adapter card Stand parallel port 615-861, 615-862, 615-863: Parallel Port
- Programming Socket .300-600 pin spacing: 615-840: (1) 32 pin ZIF; 615-841: (4) 32 pin ZIF; 615-861: (1) 24 pin ZIF; 615-862 and 615-863: (1) 40 pin ZIF; 615-863
- Accessories: 615-840, 615-841: Software diskette, 40 pin ribbon, Software disketter, instruction manual, 8-bit ISA card
  615-861, 615-862, 615-863: AC Power Cord, Parallel Printer Cable, instruction manual

EPROM Programmers

MOUSER STOCK NO.	Fig.	Description	Price Each
615-840	A	EPROM Programmer; Single Socket	197.00
615-841	B	EPROM Gang Programmer; 4 Sockets	250.00
615-861	C	Serial EPROM Programmer	199.00
615-862	D	Serial EPROM Programmer; 100 Microcontrollers	219.00
615-863	E	Serial EPROM Programmer; 150 Microcontrollers	219.00

For Universal Device Programmers:

- Devices Supported: 615-842, 615-844, 615-845: Pals, PROM, EPROM, EEPROM, Serial (E) PROM EPLD, Gal; 615-846, 615-847: Serial (E) PROM EPLD, Gal, Peel
- Interface: 615-842: 8-bit ISA bus
  615-844, 615-845, 615-846, 615-847: Stand Parallel Port (LPTI)
- Programming Socket ,300-600 pin spacing: 615-842: (1) 48 pin ZIF; 615-844: (1) 40 pin ZIF; 615-845 and 615-846: (1) 48 pin ZIF; and 615-847: (1) 48 pin ZIF; (1) 48 pin ZIF, (3) 32 pin ZIF
- Accessories: Instruction Maunual and software diskette in all. 615-840, 615-842: 40 pin ribbon cable, 8-bit ISA card; 615-844: AC Adapter, Parallel, Printer Cable (6 ft); 615-845: AC Power Cord, Parallel AC Adapter, Printer Cable (6 ft); 615-847: AC Power Cord, Parallel AC Adapter, Parallel Printer Cable (6 ft)

Universal Device Programmers

MOUSER STOCK NO.	Fig.	Description	Price Each
615-842	F	Universal Programmer	670.00
615-844	G	Device Programmer (Windows Based Software Included)	375.00
615-845	H	Universal Programmer (Windows Based Software Included)	1095.00
615-846	I	Universal Programmer; Parallel Port Interface	470.00
615-847	J	Universal Gang Programmer; Parallel Port Interface	570.00

Adapter

MOUSER STOCK NO.	Description	Price Each
615-TM-8G	8-Gang Adapter for Mouser Stock No. 615-845	362.71

ERASERS AND MEMORY TESTER

Specifications for Erasers:

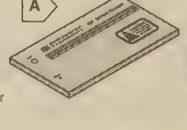
- Timer Setting: 615-850:15 min., 12VDC/500mA (AC/DC adapter included)
  615-851: 60 min., 100-120VAC 50/60Hz
- UV Bulb Wattage: 615-850: 4W; 615-851: 10W
- Supplied: 615-850: AC/DC adapter, Pad, Manual
  615-851: AC Power cord, Manual

Features for Erasers:

- 615-850: UV-EPROM eraser with small dimensions, high erasing efficiency, and simple operation. Up to 5 EPROMs in 40-pin DIP packages can be erased simultaneously. A built-in timer is preset to an optimum erasing period.
- 615-851: Heavy duty EPROM eraser that can simultaneously erase up to 40 24 pin EPROMs. It has an all-metal case plus an advanced designed chip drawer that prevents UV radiation from being a hazard to the user. The chip drawer is lined with conductive foam to prevent electrostatic damage to the chips.

Features for SIMM Tester:

- Testing Memory Types and parameters
  - Page Mode, Static Column Mode, EDO, and SDRAM types based:
  - SIMM 30-pin, 8/9 bits
  - SIMM 72-pin, 32/36 bits
  - SODIMM 144-pin 64 bits
  - DIMM 168-pin 64/72 bits
- 615-898A is a stand alone, portable device that tests a variety of SIMMs and DIMMs. It tests many DRAM/SDRAM modules.

A


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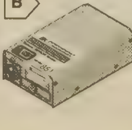

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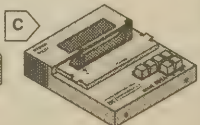
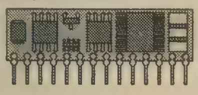


MOUSER STOCK NO.	Fig.	# of EPROMs	Price Each
EPROM Erasers			
615-850	A	5	75.00
615-851	B	40	169.00
SIMM Tester			
615-898A	C	- - -	1295.00

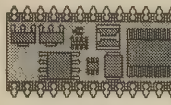
PARALLAX BASIC STAMP MODULES AND ACCESSORIES

BASIC Stamps are small computers with 8 or 16 I/O lines that can be connected to TTL level devices and also, with a few extra components, solenoids, relays, and RS232 networks. Their simple language and easy interfacing make BASIC Stamps ideal for many applications for industrial, educational, and hobbyist customers. BASIC Stamps require only editor software, a prototype area, and cable to get started. Each BASIC Stamp has on board it's own non-volatile EEPROM, voltage regulator, resonator, and microcontroller.

BASIC Stamp Modules



SIP-14



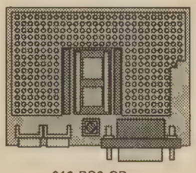
DIP 24

MOUSER STOCK NO.	Package	Description	I/O Lines	Proc. Speed (MHz)	Instr. Per Sec.	Serial I/O Speed	Price Each
619-BS1-IC	SIP-14	BASIC Stamp I Module	8	4	2000	2400	**34.00**
619-BS2-IC	DIP-24	BASIC Stamp II Module	16	20	4000	50000	**49.00**
619-BS2SX-IC	DIP-24	BASIC Stamp IISX Module	16	50	10000	50000	**67.97**

BASIC Stamp Carrier Boards

BASIC Stamp Carrier Boards make it easier to program and prototype with BASIC Stamp Modules.

619-BS1-CB
(For BASIC Stamp I Module)



619-BS2-CB
(For BASIC Stamp II Module)

MOUSER STOCK NO.	Description	Price Each
619-BS1-CB **619-BS2-CB**	Includes prototyping area, 9V battery clips, I/O header, reset button, and programming connector.	**15.00** **20.00**

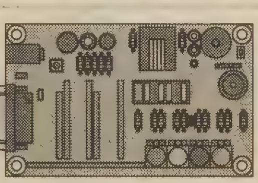
BASIC Stamp Starter Kits

All starter kits include: • Manual & application notes • Software

MOUSER STOCK NO.	Kit Contents	Price Each
619-BS1-SK	Above & BS1-IC module, BS1-IC carrier board, and cable for BS1-IC	**99.00**
619-BS2-SK	Above & BS2-IC module, BS2-IC carrier board, and cable for BS2-IC	**149.00**
619-BASICPROG	Above & cable for BS1-IC, BS2-IC and BS2SX-IC	**100.98**

BASIC Stamp Activity Board

BASIC Stamp Activity Board is used to learn and experiment with either of the BASIC Stamp Modules. All of the components and current limit resistors are prewired to the BASIC Stamp I/O pins. The board doubles as a carrier board with strip header access to the I/O pins. Features include LEDs, pushbuttons, piezospeaker, an RC network for changing PWM into a smooth analog output, and an X-10 interface via an RJ-11. Sample source code and power supply included.



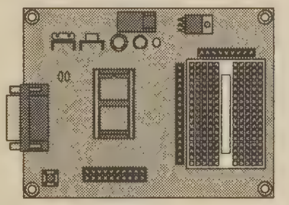
MOUSER STOCK NO.	Description	Price Each
619-BS-ACTBRD	BASIC Stamp Activity Board	**82.23**

Board of Education

The board of Education was designed in coordination with educational customers to each microcontroller interfacing and programming. It is a quick platform for building a circuit without requiring soldering or wire wrapping tools.

Features:

- Mechanically interlocked power supply to prevent dual connection of wall pack and 9V battery
- DB9 connector for BS2-IC programming and serial communication during run time
- P0 - P15 I/O pins, VDD and VSS connections brought adjacent to a 2" x 1 3/8" breadboard area
- Female 10 pin dual row connector for optional AppModules (more breadboard space)
- Traces on top of board show connections between BS2-IC and breadboard connections
- Each item includes (10) 22-gauge wires and documents



MOUSER STOCK NO.	Description	Price Each
619-BRDOFEDU	Board of Education	**58.05**
619-BRDOFEDU-KIT	BS2-IC Module, Board of Education, serial cable and pwr sup.	**107.25**

"What's a Microcontroller?" Student Guide and Parts Kit

The "What's a Microcontroller?" text is a beginner's introduction to microcontroller interfacing. The first experiment consists of installing an LED and resistor on the Board of Education and programming the BASIC Stamp to make it blink. The LED project develops to include buttons as inputs. Projects proceed to a servo activated by a photoresistor (simulating a grocery store door) and concludes with a manual and digital potentiometer that blinks LEDs.

MOUSER STOCK NO.	Description	Price Each
619-MICRO-TXT	"What's a Microcontroller?" Student Guide	**13.65**
619-MICRO-KIT	Parts that are required in the "What's a Microcontroller?" workbook to complete experiments.	**28.27**

BASIC Stamp Application Kits

MOUSER STOCK NO.	Description	Price Each
619-BS-APPKIT1	8-digit LED driver application kit	**24.96**
619-BS-APPKIT2	DTMF tranceiver application kit	**24.96**
619-BS-APPKIT3	12-bit analog-to-digital converter application kit	**24.96**
619-BS-APPKIT4	Digital thermometer application kit	**24.96**
619-BS-APPKIT5	8K serial EEPROM application kit	**24.96**

SX Key Development System

The SX Key is a full-featured programmer and debugger for SX microcontrollers. The SX-Key was designed in tandem with the SX chip and fully utilizes the SX's debug and in-system programming features. The E2 flash memory of the SX allows repeated in-place programming of the microcontroller

Features:

- Integrated editor, downloader, and debugger software
- Assembler uses popular Parallax dialect with macro support SX codes
- Debugger provides symbolic and source-level viewing with selectable clock speed
- Assemble, program, and execute with a single mouse click
- Works directly in target system - SX Key plugs into 4-pin header in project area
- Single-Step, Breakpoint, and Asynchronous Break at full speed
- Educational tutorial available for free download from SX University Program at http://www.sxtech.com

SX Tech Kit

The SX Key is sold in the SX-Tech Kit. This kit includes the SK-Key Rev. F, SX Tech Board, two (2) SX28AC/DP "A" style 50 MIPS chips, one (1) Murata 50 MHz resonator, printed manual, SX data sheet, software on CD-ROM, power supply and serial cable.

MOUSER STOCK NO.	Price Each
619-SX-SXTECH	**149.00**

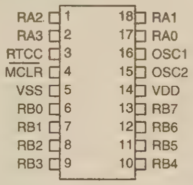
Scenix SX 8-Bit Microcontrollers

The SX Series of CMOS 8-Bit Microcontrollers incorporate a multitude of advanced features - each implemented with a practical understanding of microcontroller applications. Let the blazing speed of the SX propel your next project into the 21st century.

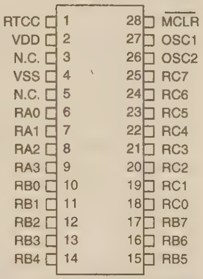
Features:

- 50 MIPS performance @ 50MHz
- Single cycle instruction execution
- 2048 x 12 bits EE/Flash program memory rated for 10,000 write cycles
- Designed to be both PIC16C5x superset code and pin compatible
- In-system programming via OSC pins
- Single-step and breakpoint debugging via OSC2 pin
- Internal RC oscillator
- User selectable clock options: Iinternal RC oscillator, external oscillator, crystal/resonator options, external RC oscillator
- Analog comparator
- Brown-out detector
- Multi-Input Wake-Up (MIWU) on 8 pins
- All outputs capable of sinking/sourcing 30mA
- 1998 UL compliance and fast look provided through run-time readable code

SX-18



SX-28



◆ **Surface Mount Device**

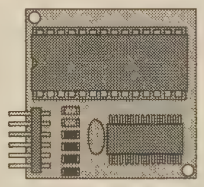
MOUSER STOCK NO.	Package	Price Each
619-SX18AC/DP	DIP-18	**5.00**
◆ **619-SX18AC/SO**	SO-18	**4.88**
619-SX28AC/DP	DIP-28	**5.54**
◆ **619-SX28AC/SO**	SO-28	**5.46**

RAMPack B Module

The RAMPack B Module is an 8K x 8 RAM module from Solutions Cubed. The RAMPack has a simple serial interface that make it easy to use as expanded RAM with the BASIC Stamp.

Features:

- Byte writes • Byte or block reads
- Optional FIFO (first-in-first-out) buffer mode
- 1200, 2400, 4800, and 19200 baud rates supported
- Expandable to 32K x 8
- Socketed RAM for easy replacement

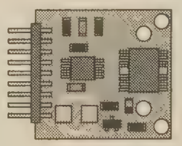


MOUSER STOCK NO.	Package	Price Each
619-RAMPACKB	SIP-6	**33.06**

Motor Mind B Module

The Motor B Module is a DC motor driver module from Solutions Cubed. The Motor Mind B has a serial interface and can control the speed and direction of an electronic motor as well as monitor the motor's rpm. The simple serial interface makes it easy to control with BASIC Stamp or a serial port on a computer

- Controls a DC motor's direction and speed (up to 30VDC)
- Easy to use 1 or 2 wire, 2400 baud serial interface
- Optional tachometer input reads up to 65,528 Hz
- Supports peaks currents as large as 3.5A and continous currents of 2A
- External emergency override input (brake) shuts down motor
- Optional confirmation byte for electrically noisy environments

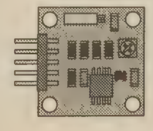


619-MTRMINDB	SIP-9	**33.06**

Pocket Watch B Module

The Pocket Watch B Module is a real time clock module from Solutions Cubed. The Pocket Watch B has a simple serial interface that makes it easy to add this accurate timebase to the BASIC Stamp. This module supports multiple baud rates and multiple alarm types to trigger external circuitry at designated times.

- Maintains seconds, minutes, hours, days, months and years
- Leap year compensation
- Year 2000 compliant
- Four type of user configurable alarms
- Externally accessible precision timebase



619-POCKWTCHB	SIP-5	**30.78**

Japanese Replacement Semiconductors

"2SA" to "2SD"

◆ **Surface Mount Device**

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Price Each 1-99
620-2SA1015	0.26
620-2SA1015GR	1.80
620-2SA1016	0.21
620-2SA1020	0.45
◆ 620-2SA1037K	0.64
620-2SA1038	0.21
620-2SA1048	0.16
620-2SA1091	0.37
◆ 620-2SA1121	0.98
620-2SA1145	0.55
620-2SA1175	0.95
620-2SA1186	4.40
620-2SA1207	0.48
620-2SA1209	0.50
620-2SA1215	7.50
620-2SA1249	0.65
620-2SA1263N	2.69
620-2SA1264N	2.80
620-2SA1265	4.25
620-2SA1282	0.48
620-2SA1294	4.96
620-2SA1300	0.24
620-2SA1301	4.05
620-2SA1302	3.89
620-2SA1303	3.60
620-2SA1306	0.94
620-2SA1309	0.51
620-2SA1345	0.50
620-2SA1346	0.50
620-2SA1357	0.42
620-2SA1358	0.91
620-2SA1360	0.56
620-2SA1370	0.75
620-2SA1380	0.88
620-2SA1386	4.86
620-2SA1390	0.69
620-2SA1489	2.50
620-2SA1490	2.95
620-2SA1491	2.87
620-2SA1492	3.82
620-2SA1494	7.48
620-2SA1516	3.02
620-2SA1538	0.88
620-2SA1626	1.20
620-2SA1670	3.12
620-2SA1673	6.32
620-2SA1684	3.99
620-2SA1695	2.64
620-2SA1803	2.86
620-2SA1804	3.75
620-2SA1837	1.04
620-2SA673	0.25
620-2SA684	0.50
620-2SA733	0.40
620-2SA817	0.35
620-2SA844	0.35
620-2SA854S	0.48
620-2SA933	0.72
620-2SA937	0.35
620-2SA940	1.35
620-2SA952	0.85
620-2SA965	0.80
620-2SA968	1.45
620-2SA970	0.50
620-2SA985	0.71
620-2SA988	0.27
620-2SA992	0.54
620-2SB1010	0.37
620-2SB1117	1.10
620-2SB1136	1.20
◆ 620-2SB1182	0.89
◆ 620-2SB1188	0.61
620-2SB1202	0.96
620-2SB1218A	0.52
620-2SB1219	0.45
620-2SB1236	0.64
620-2SB1238	0.32
620-2SB1243	0.48

MOUSER STOCK NO.	Price Each 1-99
620-2SB1317	4.00
620-2SB1328	0.64
620-2SB1375	1.30
620-2SB1425	0.96
620-2SB1429	3.74
620-2SB1588	6.01
620-2SB507	0.74
620-2SB536	1.23
620-2SB546A	0.99
620-2SB554	5.93
620-2SB560	0.35
620-2SB561	0.16
620-2SB564	0.24
620-2SB595	1.10
620-2SB596	0.95
620-2SB631	0.75
620-2SB633	1.45
620-2SB647	0.75
620-2SB649	0.75
620-2SB688	3.10
◆ 620-2SB709A	0.29
620-2SB754	3.02
◆ 620-2SB766	0.75
620-2SB772	1.75
620-2SB861	1.05
620-2SB985	0.75
620-2SB986	0.77
620-2SC1008	0.80
620-2SC1213	0.35
620-2SC1318	0.50
620-2SC1384	0.50
620-2SC1398	0.96
620-2SC1507	0.58
620-2SC1509	0.72
620-2SC1627	0.35
620-2SC1675	2.24
620-2SC1740	0.50
620-2SC1740S	0.30
620-2SC1741	0.50
620-2SC1775	0.58
620-2SC1815	0.55
620-2SC1845	0.50
620-2SC1923	0.18
620-2SC1959	0.63
620-2SC1969	3.39
620-2SC2026	0.85
620-2SC2073	0.37
620-2SC2086	1.35
620-2SC2120	0.50
620-2SC2229	0.35
620-2SC2233	0.42
620-2SC2236	1.05
620-2SC2238	0.95
620-2SC2240	0.50
620-2SC2309	0.25
620-2SC2314	0.65
620-2SC2336	1.25
620-2SC2362	0.18
◆ 620-2SC2412K	0.19
620-2SC2482	1.00
620-2SC2611	0.35
620-2SC2625	3.25
620-2SC2632	0.59
620-2SC2655	0.45
620-2SC2688	0.35
620-2SC2705	1.26
◆ 620-2SC2712	0.63
620-2SC2810	1.45
620-2SC2837	3.60
620-2SC2878	0.42
620-2SC2898	3.80
620-2SC2909	0.24
620-2SC2911	0.29
620-2SC2921	8.80
620-2SC2979	3.90
620-2SC3038	1.23
620-2SC3039	1.12
620-2SC3040	2.16

MOUSER STOCK NO.	Price Each 1-99
620-2SC3042	3.00
620-2SC3117	0.65
620-2SC3148	2.06
620-2SC3150	1.90
620-2SC3153	2.66
620-2SC3158	2.16
620-2SC3180	2.16
620-2SC3180N	2.89
620-2SC3181N	2.79
620-2SC3182	2.56
620-2SC3263	4.21
620-2SC3279	0.32
620-2SC3280	3.05
620-2SC3281	3.44
620-2SC3284	3.68
620-2SC3298	1.06
620-2SC3299	1.65
620-2SC3306	2.05
620-2SC3310	2.50
620-2SC3318	3.60
620-2SC3328	0.82
620-2SC3331	0.17
620-2SC3399	0.50
620-2SC3400	0.50
620-2SC3413	1.84
620-2SC3420	0.72
620-2SC3421	0.85
620-2SC3422	0.88
620-2SC3423	0.48
620-2SC3450	4.64
620-2SC3457	2.00
620-2SC3460	3.44
620-2SC3461	3.93
620-2SC3481	3.60
620-2SC3502	0.90
620-2SC3503	1.05
620-2SC3519	5.20
620-2SC3616	0.48
620-2SC3675	1.15
620-2SC3686	5.92
620-2SC3688	6.30
◆ 620-2SC3757	0.45
620-2SC3788	0.80
620-2SC3807	0.58
620-2SC3851	1.49
620-2SC3852	3.45
620-2SC3854	3.23
620-2SC3855	5.70
620-2SC3856	3.44
620-2SC3858	5.94
620-2SC3886A	5.46
620-2SC3890	2.99
620-2SC3892	3.27
620-2SC3898	5.44
620-2SC3902	0.46
620-2SC3907	4.90
620-2SC3964	1.54
620-2SC3996	12.77
620-2SC3997	15.60
620-2SC4024	1.82
620-2SC4026	1.71
620-2SC4046	1.02
620-2SC4064	1.95
620-2SC4081	0.47
◆ 620-2SC4108	2.98
620-2SC4123	4.06
620-2SC4130	2.09
◆ 620-2SC4137	0.40
620-2SC4159	1.00
◆ 620-2SC4204	0.42
620-2SC4242	1.20
620-2SC4418	2.56
620-2SC4423	3.04
620-2SC4431	0.88
620-2SC4466	1.92
620-2SC4467	1.84
620-2SC4533	1.33
620-2SC458	0.65

MOUSER STOCK NO.	Price Each 1-99
◆ 620-2SC4663	6.95
620-2SC4664	3.54
620-2SC4688	2.48
620-2SC4689	3.27
620-2SC4742	4.30
620-2SC4744	10.30
620-2SC4747	5.82
620-2SC4769	3.83
620-2SC4770	3.41
620-2SC4793	1.20
620-2SC4833	2.70
620-2SC4834	3.82
620-2SC4927	5.15
620-2SC829	0.11
620-2SC945	0.50
620-2SD1047	2.39
620-2SD1061	0.82
620-2SD1062	0.82
620-2SD1063	1.09
620-2SD1090	4.00
620-2SD1092	2.70
620-2SD1135	0.80
620-2SD1162	3.15
620-2SD1164	0.75
620-2SD1207	0.65
620-2SD1264	1.23
620-2SD1266A	1.76
620-2SD1271	0.98
620-2SD1273	1.49
620-2SD1274	1.54
620-2SD1275	1.18
620-2SD1289	2.58
◆ 620-2SD1347	0.60
620-2SD1348	0.51
620-2SD1384	0.32
620-2SD1397	1.70
620-2SD1398	2.51
620-2SD1402	4.60
620-2SD1406	1.30
620-2SD1407	1.09
620-2SD1426	2.96
620-2SD1427	3.10
620-2SD1428	3.44
620-2SD1441	6.30
620-2SD1458	0.79
620-2SD1504	0.54
620-2SD1510	1.85
620-2SD1554	2.50
620-2SD1555	3.25
620-2SD1556	2.99
620-2SD1557	1.06
620-2SD1565	0.96
620-2SD1577	4.00
620-2SD1581	1.19
620-2SD1589	1.57
620-2SD1609	1.10
620-2SD1649	2.03
620-2SD1650	2.24
620-2SD1651	2.40
620-2SD1652	3.63
620-2SD1667	2.00
620-2SD1669	2.10
620-2SD1682	0.54
620-2SD1710	2.48
620-2SD1739	6.40
620-2SD1758	1.35
◆ 620-2SD1762	2.16
620-2SD1765	1.09
620-2SD1796	1.36
620-2SD1819A	0.42
◆ 620-2SD1825	0.85
620-2SD1830	1.80
620-2SD1847	4.00
620-2SD1849	5.20
620-2SD1858	0.48
620-2SD1877	3.78
620-2SD1878	3.89
620-2SD1879	2.85

MOUSER STOCK NO.	Price Each 1-99
620-2SD1880	3.60
620-2SD1881	4.05
620-2SD1883	4.75
620-2SD1884	4.75
620-2SD1885	4.25
620-2SD1886	4.99
620-2SD1887	4.96
620-2SD1913	0.59
620-2SD1944	9.04
620-2SD1979	0.65
◆ 620-2SD2005	0.58
620-2SD2012	0.40
620-2SD2052	2.91
620-2SD2083	4.56
620-2SD2144	0.24
620-2SD2144S	2.00
620-2SD2151	1.42
620-2SD2155	3.18
620-2SD2210	0.56
◆ 620-2SD2216	0.19
◆ 620-2SD2222	4.50
620-2SD2333	3.63
620-2SD2335	6.05
620-2SD2439	6.93
620-2SD313	0.48
620-2SD325	0.58
620-2SD381	0.69
620-2SD386	0.72
620-2SD386A	1.06
620-2SD401	0.80
620-2SD401A	0.99
620-2SD424	3.35
620-2SD438	0.50
620-2SD468	1.85
620-2SD525	1.25
620-2SD526	0.95
620-2SD571	0.25
620-2SD600	0.56
620-2SD601	0.39
620-2SD602A	1.95
◆ 620-2SD612	0.43
◆ 620-2SD613	1.15
620-2SD637	0.35
620-2SD638	0.63
◆ 620-2SD639	0.56
◆ 620-2SD667	0.40
◆ 620-2SD669	0.75
620-2SD669A	0.95
620-2SD686	1.28
620-2SD716	1.44
620-2SD718	1.92
620-2SD734	0.25
620-2SD756	0.56
620-2SD774	0.40
620-2SD789	2.05
620-2SD820	4.55
620-2SD822	4.99
620-2SD863	0.75
620-2SD869	4.19
620-2SD870	3.64
620-2SD871	3.98
620-2SD874	1.22
◆ 333-2SD880	0.67
620-2SD880	0.90
620-2SD947	1.14
620-2SD965	0.45
620-2SD966	0.87
620-2SD968A	1.45
◆ 620-2SD974	3.52
620-2SD986	0.90

The most popular NTE products are listed. Thousands of other NTE products are in stock, too many to list. Please call your local Mouser Sales Representative.

NTE TECHNICAL GUIDE AND CROSS REFERENCE

MOUSER STOCK NO.	Description	Price Each
526-NTEDAD-3	9th Editon Technical Guide	4.95
526-NTEQC-6/CD	Win95 CD-ROM Quick Cross	9.99

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Description	Price Each 1-99
526-NTE10	TO-92 NPN Low Noise	1.96
526-NTE11	TO-92 NPN Hi-Current Amp	1.50
526-NTE12	TO-92 PNP Hi-Current Amp	1.55
526-NTE13	Low-V Output Amp	1.20
526-NTE15	(FTR) PNP VHF Mix	1.26
526-NTE16	(ATR) NPN G/P Amp	1.16
526-NTE17	(ATR) PNP Low Noise	1.15
526-NTE18	(ATR) NPN Hi-V Current	2.12
526-NTE19	(ATR) PNP Hi-Curr Driver	2.10
526-NTE20	(ATR) NPN Hi-Power Out	1.96
526-NTE21	(ATR) PNP Hi-Power Out	2.32
526-NTE23	TO-92 Hi-Frequency Amp	1.96
526-NTE24	TO-237 NPN Gen Purpose	1.64
526-NTE25	TO-237 PNP Gen Purpose	1.72
526-NTE26	NPN Low Noise Amp	0.84
526-NTE31	TO-92 NPN AF DR OUT	3.36
526-NTE32	TO-92 PNP AF DR OUT	3.97
526-NTE36	TO-3P NPN AF Power Amp	4.85
526-NTE37	TO-3P PNP Power Amp	4.95
526-NTE39	TO-126 PNP Switch Reg	3.80
526-NTE42	SIP-5 Dual Diff Amp	1.84
526-NTE43	SIP-5 Dual Diff Amp	1.98
526-NTE44	SIP-5 Dual Hi-GN Amp	1.80
526-NTE45	SIP-5 Dual Hi-GN Amp	2.02
526-NTE46	TO-92 BIPO Darl Amp	1.96
526-NTE47	TO-92 BIPO Hi-GN Amp	1.16
526-NTE48	TO-92 Hi-Current Amp GI	1.38
526-NTE50	TO-202 Hi-V Amp/Driver	3.67
526-NTE51	TO-220 NPN Hi-Speed Sw	3.97
526-NTE52	TO-3 Hi-V/ Speed Switch	6.34
526-NTE53	TO-3 BIPO Hi-V/Speed Sw	11.53
526-NTE54	TO-220 NPN Hi-Freq Driver	3.91
526-NTE55	TO-220 Hi-Frequency Driver	4.80
526-NTE56	TO-220 NPN Hi-GN Switch	3.70
526-NTE58	Hi-Power Audio Out NPN	10.45
526-NTE60	TO-3 NPN Hi-Power Audio	10.20
526-NTE62	TO-3 NPN Hi-V HR Out	10.30
526-NTE64	UHF/Microwave-Amp/Switch	3.25
526-NTE65	BIPO Hi-V Low Noise	2.70
526-NTE66	TO-220 Power MOSFET	10.70
526-NTE67	TO-220 N-CH MOSFET	10.20
526-NTE68	TO-3 Hi-Power Amp	10.33
526-NTE69	TO-92 UHF/VHF Amp	1.35
526-NTE77	TO-39 NPN CATV Driver	6.17
526-NTE85	TO-92 NPN Gen Pur Amp	0.94
526-NTE87	TO-3 NPN Hi-Power Audio	8.28
526-NTE88	TO-3 PNP Pwr Audio Amp	8.55
526-NTE89	TO-3 NPN Horiz Output	11.75
526-NTE90	TO-92 NPN GP HIG Amp	1.48
526-NTE91	TO-92 Hi-Gain Amp, GI	1.40
526-NTE92	NPN HI-FI Power Amp	10.85
526-NTE93	PNP Hi-Power Amp	11.75
526-NTE94	TO-3 NPN Hi-V Inverter	5.20
526-NTE97	TO-3 NPN Hi-V Darl Amp	12.00
526-NTE100	TO-5 BIPO Oscillator/Sw	4.58
526-NTE102	TO-5 PNP Power Out Driver	3.96
526-NTE102A	TO-1 PNP Med Power Amp	1.98
526-NTE103	TO-5 Power Output Driver	5.40
526-NTE103A	TO-1 Medium Power Amp	2.02
526-NTE104	TO-3 PNP Audio Pwr Amp	16.30
526-NTE105	TO-36 PNP Audio Pwr Amp	20.74
526-NTE106	TO-18 PNP Hi-Speed Sw	1.40
526-NTE107	TO-92 NPN UHF Oscillator	1.68
526-NTE108	TO-92 NPN RF/IF Amp	1.64
526-NTE108-1	TO-106 NPN RF/IF Osc	1.53
526-NTE109	DO-7 GP Fast Switch	0.98
526-NTE110MP	DO-7 Diode G/P AFC	1.63
526-NTE112	DO-7 UHF Mixer	1.57
526-NTE116	DO-41 GP Rectifier	0.73
526-NTE117	DO-26 GP Rectifier	1.12
526-NTE120	G/P TV Convg Rectifier	1.96
526-NTE121	TO-3 PNP Audio Pwr Amp	16.01
526-NTE123	TO-39 NPN Audio Amp	1.26

For quantities greater than listed call for quote

MOUSER STOCK NO.	Description	Price Each 1-99
526-NTE123A	TO-18 NPN Audio Amp	1.47
526-NTE123AP	TO-92 NPN Audio Amp	1.25
526-NTE125	DO-41 GP 1000V 2.5A	0.79
526-NTE126	TO-18 PNP RF/IF Amp	4.83
526-NTE126A	TO-18 PNP RF/IF Amp	5.85
526-NTE127	TO-3 PNP Power Out Amp	35.40
526-NTE128	TO-39 NPN Audio Output	2.03
526-NTE128P	TO-237 NPN Gen Purpose	1.40
526-NTE129	TO-39 PNP Audio Output	2.22
526-NTE129P	TO-237 Gen Purpose Amp	1.45
526-NTE130	TO-3 NPN Audio Pwr Amp	4.06
526-NTE131	TO-66 PNP Power Amp	3.11
526-NTE132	TO-106 N-CH JFET Mixer	1.15
526-NTE133	TO-106 JFET AF Amp	0.98
526-NTE135A	DO41 5.1V 1W Zener	0.28
526-NTE137A	DO-41 6.2V 1W Zener	0.28
526-NTE150A	DO-41 82.0V 1W Zener	0.28
526-NTE151A	DO-41 110.0V 1W Zener	0.50
526-NTE152	TO-220 NPN GP Audio	2.39
526-NTE153	TO-220 PNP GP Audio	2.90
526-NTE154	TO-39 NPN Hi-V Output	3.39
526-NTE155	TO-66 NPN Audio Power	3.60
526-NTE156	DO-15 1000V 3A Rectifier	1.41
526-NTE156A	DO-27A 1000V 3A Rectifier	1.40
526-NTE157	TO-126 NPN Hi-Power Amp	2.30
526-NTE158	TO-1 PNP Aud PWT Amp	2.24
526-NTE159	TO-92 PNP Audio Amp	1.64
526-NTE159M	TO-18 PNP Audio Amp	0.84
526-NTE160	TO-72 RF/IF Amp/Mixer	2.80
526-NTE161	TO-72 NPN UHF/VHF	2.55
526-NTE162	TO-3 NPN TV Vertical Def	9.00
526-NTE164	TO-3 NPN TV Vertical Out	8.40
526-NTE165	TO-3 NPN TV Horiz Out	13.50
526-NTE168	C222 Bridge 400V 2A	2.62
526-NTE170	C222 Bridge Rec 1000V 2A	5.41
526-NTE171	TO-202 NPN AU/VI Amp	2.86
526-NTE172A	TO-92 NPN Darl PreAmp	0.98
526-NTE174	TO-3 DAMP Diode for TV	4.37
526-NTE175	TO-66 NPN Power Amp	3.51
526-NTE177	DO-35 Fast Switch Diode	1.08
526-NTE179	TO-3 PNP Audio Pwr Amp	24.08
526-NTE180	TO-3 PNP Hi-Power Amp	9.44
526-NTE181	TO-3 NPN Hi-Power Amp	7.90
526-NTE184	TO-126 NPN Power Amp	2.29
526-NTE185	TO-126 PNP Power Amp	2.75
526-NTE186	TO-202 GP Output Amp	2.39
526-NTE186A	TO-202 NPN Medium Power	2.39
526-NTE189	TO-202 PNP Hi-V Amp	5.45
526-NTE192	TO-92 NPN Audio Pwr Out	1.99
526-NTE193	TO-92 PNP Audio Pwr Out	2.05
526-NTE194	TO-92 NPN GO Hi-V Amp	1.19
526-NTE195A	TO-39 RF Power Amp/Driver	4.76
526-NTE196	TO-220 NPN Aud Power Out	3.17
526-NTE197	TO-220 PNP Aud Power Out	2.88
526-NTE198	TO-220 NPN Hi-V Audio Out	3.61
526-NTE199	TO-92 NPN Hi-GN Amp	1.06
526-NTE211	TO-202 GP Out/Driver	2.50
526-NTE215	TO-3P NPN Darl Driver	4.60
526-NTE218	TO-66 PNP Audio Power	5.25
526-NTE219	TO-3 PNP Gen Pur Amp	6.97
526-NTE221	TO-72 MOSFET Amp/Mix	5.19
526-NTE222	TO-72 N-CH MOSFET AM	4.45
526-NTE224	TO-39F NPN RF Power Out	8.55
526-NTE225	TO-39F NPN Hi-Speed Amp	5.67
526-NTE226	TO-66 Audio Power Output	3.20
526-NTE227	TO-237 NPN Hi-V Amp	2.68
526-NTE228A	TO-202 NPN Hi-V Video	2.51
526-NTE229	TO-92 NPN VHF Oscillator	1.88
526-NTE232	TO-92 PNP Darlington Amp	1.04
526-NTE233	TO-92 NPN Video IF Osc	1.02
526-NTE234	TO-92 Hi-GN AF PreAmp	1.09
526-NTE235	TO-220 NPN RF Power Out	6.30
526-NTE236	TO-220 NPN RF Power Out	10.40
526-NTE237	TO-39 NPN RF Power Out	8.10
526-NTE238	TO-3 NPN Horizontal Output	15.75
526-NTE239	TO-72 SCS Vert Oscillator	3.63
526-NTE240	TO-202 PNP Hi-V Output	4.54
526-NTE242	TO-220 PNP SI Power Amp	2.52
526-NTE243	TO-3 NPN Darl Power Amp	3.36
526-NTE244	TO-3 PNP Darl Power Amp	3.95
526-NTE245	TO-3 NPN Darl Power Amp	4.55
526-NTE246	TO-3 PNP Darl Power Amp	5.80
526-NTE247	TO-3 NPN Darl Power Amp	5.63
526-NTE248	TO-3 PNP Darl Power Amp	6.42
526-NTE249	TO-3 NPN Darl Power Amp	8.38

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526-NTE250	TO-3 PNP Darl Power Amp	8.50
526-NTE251	TO-3 NPN Darl Power Amp	8.73
526-NTE252	TO-3 PNP Darl Power Amp	8.50
526-NTE253	TO-126 NPN Darl Power	2.37
526-NTE254	TO-126 PNP Darl Power	2.63
526-NTE255	TO-237 NPN Horz Drv/Amp	2.69
526-NTE256	TO-218 Darl DAMP Diode	16.33
526-NTE261	TO-220 NPN Darl Power	2.42
526-NTE262	TO-220 PNP Darl Power	2.71
526-NTE263	TO-220 NPN Darl Power	2.56
526-NTE264	TO-220 PNP Darl Power	3.10
526-NTE265	TO-202 NPN Darl Power	1.44
526-NTE266	TO-202 NPN Darl Power	1.74
526-NTE267	TO-202 NPN Darl Power	1.55
526-NTE268	TO-202 NPN Darl Power	1.57
526-NTE270	TO-218 NPN Darl Power	5.66
526-NTE271	TO-218 PNP Darl Power	6.15
526-NTE272	TO-202 NPN Darl Power	2.53
526-NTE274	TO-66 PNP Darl Power	5.57
526-NTE275	TO-66 PNP Darl Power	6.08
526-NTE278	TO-39 NPN RF Amp	3.25
526-NTE280	TO-3 NPN Audio Output	6.57
526-NTE282	NPN 4W RF Out Trans	8.90
526-NTE283	TO-3 NPN Hi-V HIC Sw	10.29
526-NTE284	TO-3 NPN Audio Amp Out	10.43
526-NTE285	TO-3 PNP Audio Amp Out	11.17
526-NTE287	TO-92 NPN Hi-V GP Amp	1.05
526-NTE288	TO-92 PNP Hi-V GP Amp	1.05
526-NTE289	TO-92 NPN Aud Pwr Amp	1.33
526-NTE289A	TO-92 NPN Aud Pwr Amp	1.42
526-NTE290	TO-92 PNP Audio Amp	1.12
526-NTE290A	TO-92 PNP Audio Amp	1.47
526-NTE291	TO-220 NPN Gen Purpose	3.37
526-NTE292	TO-220 PNP Gen Purpose	3.57
526-NTE293	TO-92 NPN Audio Amp	1.84
526-NTE294	TO-92 PNP Audio Amp	1.80
526-NTE295	TO-126 NPN RF Pwr Out	3.20
526-NTE297	TO-92 NPN Audio Amp	1.81
526-NTE298	TO-92 PNP Audio Amp	1.64
526-NTE299	TO-202 NPN Power Amp	3.22
526-NTE300	TO-202 NPN Power Amp	3.25
526-NTE308P	TO-220 Int/Thyr/Rectifier	8.70
526-NTE309K	TO-3 +V Reg 5V 1A	8.53
526-NTE310P	TO-220 Int/Thyr/Rectifier	8.70
526-NTE311	TO-39 NPN Freq Amp	2.96
526-NTE312	TO-92 N-CH JFET Amp	1.34
526-NTE313	VHF Mixer & UHF/RF Amp	2.97
526-NTE315	NPN Audio Power Amp	2.76
526-NTE319P	TO-92 NPN VHF Amp	1.65
526-NTE322	NPN RF Power Output	2.51
526-NTE323	TO-39 PNP GP Amp/Sw	4.30
526-NTE324	TO-39 NPN GP Amp/Sw	4.50
526-NTE326	TO-92 JFET GP AF Amp	1.72
526-NTE327	TO-3 NPN Power Amp	19.55
526-NTE329	TO-39 NPN RF Power Amp	6.54
526-NTE331	TO-220 NPN Power Amp	3.30
526-NTE332	TO-220 PNP Power Amp	3.56
526-NTE336	RF Power 80W 30MHz	50.54
526-NTE337	Amp Driver 8W 27-50MHz	26.33
526-NTE340	TO-92 NPN RF Pwr Amp	3.58
526-NTE341	TO-39 NPN RF Pwr Amp	10.02
526-NTE342	RF Power 130-175MHz 7W	6.55
526-NTE346	TO-39 NPN RF Driver	3.00
526-NTE361	TO-39 NPN RF Pwr Amp	9.29
526-NTE373	TO-126 NPN Audio Amp	1.98
526-NTE374	TO-126 PNP Audio Amp	2.18
526-NTE375	TO-220 NPN Vertical Defl	2.92
526-NTE376	TO-220 NPN Power Sup	3.63
526-NTE377	TO-220 NPN Power Amp	3.10
526-NTE378	TO-220 PNP Power Amp	3.38
526-NTE379	TO-220 NPN Power Amp	7.60
526-NTE382	R245 NPN Audio Freq Driver	2.28
526-NTE383	R245 PNP Audio Freq Driver	2.30
526-NTE385	TO-3 NPN Audio Power Amp	9.10
526-NTE386	TO-3 NPN Audio Power Amp	18.61
526-NTE392	TO-218 NPN Power Amp	6.20
526-NTE393	TO-218 NPN Power Amp	6.53
526-NTE394	TO-218 NPN Power Amp	6.55
526-NTE396	TO-39 NPN Power Amp Sw	3.35
526-NTE397	TO-39 NPN Power Amp Sw	3.34
526-NTE398	TO-220 PNP Vertical Defl	3.20
526-NTE399	TO-92 NPN Hi-V Amp	3.38
526-NTE451	TO-92 JFET V/UHF Amp	1.75
526-NTE452	TO-72 JFET Amp/Mixer	3.08
526-NTE454	TO-72 Dual GT MOSFET	4.45

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526-NTE456	TO-72 Gen Purpose Amp Sw	1.93
526-NTE457	TO-92 N-CHAN JFET	1.60
526-NTE458	TO-92 GP JFET Amp	1.81
526-NTE459	TO-72 N-CHAN JFET	2.48
526-NTE460	TO-72 JFET P-CH Amp	5.07
526-NTE461	TO-71 JFET N-CH Pair	11.96
526-NTE466	TO-18 N-CH JFET	2.97
526-NTE467	TO-92 JFET Hi-Speed Sw	1.31
526-NTE472	TO-39 NPN RF Power Driver	5.34
526-NTE473	TO-39 NPN RF Power Driver	6.27
526-NTE474	TO-202 NPN RF Power	12.45
526-NTE476	TO-60 NPN RF Power Out	38.96
526-NTE485	W-189 NPN Pwr Transistor	63.12
526-NTE486	TO-39 NPN RF Freq Amp	5.34
526-NTE488	TO-39 NPN RF Pwr Output	13.68
526-NTE500A	H/V Multiplexer, Tripler	22.28
526-NTE504	HI-V Rectifier 19.8K PRV	4.80
526-NTE505	HI-V Rectifier 22K PRV	4.55
526-NTE506	DO-41 Fast Recov Rectifier	1.78
526-NTE507	DO-41 Fast Recov Rectifier	1.32
526-NTE514	High Voltage Rectifier	10.36
526-NTE519	DO-35 100V Fast Sw	1.08
526-NTE522	Hi-Voltage Multiplier	24.00
526-NTE529	Hi-Voltage Multiplier	26.00
526-NTE531	Hi-Voltage Multiplier	25.90
526-NTE538	Hi-Voltage Multiplier	26.00
526-NTE551	Fast Recovery Rectifier	2.40
526-NTE552	DO-41 GP Fast Rectifier	1.39
526-NTE555	UHF/VHF Dectector Diode	1.92
526-NTE556	Hi-V Multiplier	31.12
526-NTE558	DO-41 GP Hi-V Rectifier	2.46
526-NTE575	DO-41 GP Fast Recovery	0.75
526-NTE579	DO-27 GP Schottky Rectifier	2.75
526-NTE583	DO-35 Schottky Barrier	2.34
526-NTE585	DO-41 Schottky Barrier	1.29
526-NTE588	DO-127 200V 3A Ultra Fast	1.76
526-NTE598	TO-220 600V 8A Ultra Fast	2.30
526-NTE701	DIP-16 Vid Signal Processor	7.70
526-NTE703	RF/IF Amp 8 Pin Epoxy	3.29
526-NTE704	10-Lead Can TV Snd IF Amp	5.35
526-NTE708	DIP-14 TV/FM Snd IF Amp	5.40
526-NTE709	DIP-14 TV/FM Snd IF Amp	4.70
526-NTE712	DIP-14 Sound IF Det	5.06
526-NTE713	DIP-14 Chroma Demod	6.90
526-NTE714	DIP-16 Chroma Subcarrier	5.35
526-NTE715	DIP-14 Chroma IF Amp	5.30
526-NTE721	DIP-14 Dual Low-Lv PreAmp	7.45
526-NTE722	DIP-14 FM Stereo MLTP	5.90
526-NTE723	DIP-14 FM Sound System	6.35
526-NTE725	DIP-14 PreAmp/OP Amp	8.09
526-NTE726	Wide Band Amplifier	5.00
526-NTE731	DIP-16 Vid Signal Processor	6.85
526-NTE738	DIP-14 Chroma Proc	8.30
526-NTE739	DIP-14 Chroma Demod	8.30
526-NTE740A	DIP-14 2W Audio Amp	6.23
526-NTE742	DIP-16 2W TV Sound Ch	8.85
526-NTE743	DIP-16 PLL Stereo Det	10.65
526-NTE746	DIP-8 Linear IF Amp	3.40
526-NTE748	DIP-14 TV Sound Circ	11.79
526-NTE749	DIP-14 TV Video IF Amp	7.25
526-NTE754	DIP-4 Single Tog Flip/Flop	1.58
526-NTE778A	DIP-8 Dual Op Amp	3.81
526-NTE783	DIP-14 Auto Fine Tune	5.40
526-NTE784	Wide Band Power Amp	10.13
526-NTE788	DIP-16 IF Sys/FM Receiver	6.90
526-NTE790	Dual Chroma Demod	9.87
526-NTE791	DIP-16 Chroma Dem Amp	5.77
526-NTE793	DIP-14 Vertical Countdown	7.15
526-NTE797	DIP-16 Chroma Processor	6.33
526-NTE799	DIP-14 4-Ch Decoder	9.05
526-NTE801	DIP-14 FM Stereo Dem	8.10
526-NTE810A	DIP-14 2W Audio PO	6.80
526-NTE812	DIP-14 1W AF Power Out	10.89
526-NTE815	DIP-8 TV Horiz Processor	3.21
526-NTE818	DIP-16 TV Lum Processor	4.70
526-NTE821	DIP-14 TV Chroma Demod	5.36
526-NTE822	DIP-16 Video Processor	9.70
526-NTE823	DIP-8 Low V Audio Amp	2.31
526-NTE825	DIP-14 Battery Oper Amp	3.80
526-NTE828	DIP-14 1.5W Power Amp	3.05
526-NTE829	DIP-8 EL Attenuator	3.50

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526-NTE832	DIP-8 Tone Decoder	4.08
526-NTE834	DIP-14 Lo Pwr Quad Comp	2.88
526-NTE835	DIP-16 Chroma Processor	6.52
526-NTE836	DIP-8 TV Horiz Processor	2.92
526-NTE843	DIP-16 TV Video IF PLL	8.10
526-NTE844	DIP-28 Chroma/Lum Pro	14.87
526-NTE846	DIP-18 TV Video Mod	5.40
526-NTE849	DIP-14 TV Countdown Sys	13.90
526-NTE851	DIP-14 U/VHF Descaler	9.70
526-NTE853	DIP-16 Low Power FM/IF	5.30
526-NTE857M	DIP-8 Op Amp JFET-IN	4.08
526-NTE858M	DIP-8 Op Amp JFET-IN	3.63
526-NTE859	DIP-14 Quad Op Amp	3.98
526-NTE860	DIP-18 Hi-Gain FM IF Sys	5.35
526-NTE862	DIP-14 Audio Power Amp	3.90
526-NTE863	DIP-8 Op Amp/Comparator	4.05
526-NTE864	DIP-14 Prog WVFM Gen	7.58
526-NTE869	DIP-14 Prog Current Amp	4.10
526-NTE873	DIP-28 Lum Chroma Proc	21.45
526-NTE889M	Dual Lo Pwr JFET Op Amp	1.92
526-NTE902	Oper Transconduct Amp	3.34
526-NTE904	Gen Pur Trans Array	4.66
526-NTE907	12-Lead Can Diode Array	3.30
526-NTE909	8-CAN 18V Op Amp	2.42
526-NTE909D	DIP-14 18V Op Amp	1.44
526-NTE910	Hi-Speed Voltage Comp	3.15
526-NTE910D	DIP-14 Hi-Speed Comp	2.72
526-NTE911	Dual Comparator	1.92
526-NTE912	DIP-14 CP Trans Array	5.18
526-NTE914	DIP-14 Zero-Voltage Switch	10.32
526-NTE915	High Speed Op Amp	7.75
526-NTE916	DIP-16 Com EM Array	4.50
526-NTE917	Dual Array/Diff Amp	4.30
526-NTE918	High Speed Op Amp	5.25
526-NTE918M	DIP-8 High Speed Op Amp	4.50
526-NTE919D	DIP-14 Hi-Speed DL Comp	4.54
526-NTE922	8-CAN Volt Comparator	2.89
526-NTE922M	DIP-8 Volt Comparator	2.46
526-NTE924	Voltage Follower/Op Amp	3.75
526-NTE926	DIP-16 Quad Timer	3.31
526-NTE927	Diff Video Amp	3.11
526-NTE927D	DIP-14 Diff Video Amp	2.30
526-NTE928	Low Power Dual Op Amp	2.93
526-NTE928M	DIP-8 Dual Op Amp	3.13
526-NTE929	DIP-16 GP Trans Array	1.71
526-NTE930	8-CAN BIMOS Op Amp	5.82
526-NTE931	TO-3 +V Reg 5V 3A	12.83
526-NTE933	TO-3 +V Reg 12V 5A	26.79
526-NTE937	JFET Input Op Amp	3.22
526-NTE937M	DIP-8 Dual Op Amp	2.99
526-NTE938	Precision Op Amp	2.85
526-NTE938M	DIP-8 Precision Op Amp	2.10
526-NTE941	Frequency Comp Op Amp	1.92
526-NTE941D	DIP-14 Freq Comp Op Amp	2.86
526-NTE941M	DIP-8 Freq Comp Op Amp	0.99
526-NTE942	DIP-14 Dual PreAmp	10.37
526-NTE943	Low Power Dual Volt Comp	5.23
526-NTE943M	DIP-8 Low Power Volt Comp	3.88
526-NTE944	Programmable Op Amp	5.16
526-NTE944M	DIP-8 Program Op Amp	3.10
526-NTE947	Dual 18V Op Amp	6.25
526-NTE947D	DIP-14 Dual Op Amp	6.65
526-NTE948	DIP-14 Quad Op Amp	3.59
526-NTE952	TO-92 Prec 2.5V Shunt	3.15
526-NTE955M	DIP-8 18V Timer	1.86
526-NTE955S	SIP-8 Monolithic Timer	1.90
526-NTE972	TO-220 +V Reg 24V 1A	3.73
526-NTE973D	DIP-14 Bal Mod/Demod	3.20
526-NTE975	DIP-8 Gen Purpose Op Amp	2.58
526-NTE978	DIP-14 Dual Timer	2.78
526-NTE982	DIP-16 TV Chroma System	3.25
526-NTE984	DIP-16 Video IF System	9.54
526-NTE985	DIP-16 TV Lum Processor	16.08
526-NTE987	DIP-14 Quad Op Amp	2.48
526-NTE989	DIP-14 Gen Purpose PLL	3.63
526-NTE990	DIP-14 Dual Power Amp	6.29
526-NTE992	DIP-14 Dual Input Amp	2.95
526-NTE995	DIP-14 Freq-Volt Converter	3.75
526-NTE995M	DIP-8 Freq-Volt Converter	3.88
526-NTE996	DIP-8 Op Transduc Amp	1.43
526-NTE997	DIP-14 Quad Op Amp	3.75
526-NTE999M	DIP-8 Prog. Precision Ref.	1.46

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MOUSER STOCK NO.	Description	Price Each 1-99
526-NTE1003	DIP-14 FM/AM IF Amp	7.97
526-NTE1015	SIP-9 Hybrid AF PreAmp	3.98
526-NTE1032	DIP-12 1W Audio Pwr Amp	8.55
526-NTE1058	SIP-9 Audio Power Amp	8.54
526-NTE1075A	DIP-14 1W Audio Pwr Amp	11.15
526-NTE1080	DIP-14 TV Video Processor	8.80
526-NTE1107	DIP-14 4.8W Audio Pwr Amp	14.25
526-NTE1110	DIP-16 2W Audio Pwr Amp	15.10
526-NTE1115	DIP-12 Audio Power Amp	8.59
526-NTE1115A	DIP-12 Audio Power Amp	8.59
526-NTE1116	DIP-12 Audio Power Amp	6.20
526-NTE1117	DIP-14 Audio Power Amp	6.25
526-NTE1140	DIP-8 Audio Power Amp	9.45
526-NTE1164	DIP-16 VI Jungle Circuit	10.53
526-NTE1166	SIP-10 5.8W Audio Output	10.19
526-NTE1170	SIP-8 Dual PreAmp	7.55
526-NTE1171	8-CAN Op Amp	7.54
526-NTE1174	DIP-14 TV AFT Circuit	4.35
526-NTE1180	DIP-14 Audio Power Amp	6.42
526-NTE1192	SIP-9 VCO for PLL	8.38
526-NTE1217	DIP-16 PLL FM Demod	7.61
526-NTE1226	DIP-14 FM Stereo Demod	5.07
526-NTE1231	DIP-12 TV Sound CH	5.74
526-NTE1231A	DIP-16 TV Sound CH	5.74
526-NTE1232	TO-220 5LD Audio Amp	6.45
526-NTE1236	DIP-14 TV IF Sound System	7.10
526-NTE1245	SIP-10 Vert Deflect	5.80
526-NTE1246	DIP-14 TV Sound IF	6.21
526-NTE1248	DIP-16 PLL FM Demod	7.81
526-NTE1263	DIP-16 VCR Rec/Playback	7.14
526-NTE1271	SIP-8 Volt Generator	5.49
526-NTE1278	SIP-10 Audio Power Amp	6.48
526-NTE1285	SIP-7 Audio Power Amp	10.66
526-NTE1288	TO-220 5LD Aud Pwr Amp	7.49
526-NTE1289	DIP-12 Vertical Deflect	11.63
526-NTE1292	DIP-14 IF Amp with Dect	3.61
526-NTE1293	SIP-12 Dual Audio Amp	13.55
526-NTE1294	DIP-8 Audio Power Amp	4.45
526-NTE1295	DIP-18 TV Signal Processor	3.57
526-NTE1299	DIP-24 TV Signal Processor	10.88
526-NTE1308	DIP-14 TV Sound IF	9.42
526-NTE1315	SIP-18 Dual AF Power Out	22.98
526-NTE1339	SIP-15 Audio Power Amp	12.05
526-NTE1368	SIP-12 Dual AF PO	8.54
526-NTE1370	SIP-10 Audio Power Amp	6.78
526-NTE1371	SIP-12 DL Audio Pwr Amp	7.05
526-NTE1373	SIP-12 DL Audio Pwr Amp	9.99
526-NTE1375	SIP-10 Audio Power Amp	4.14
526-NTE1377	SIP-14 Dual Audio Pwr Amp	9.06
526-NTE1378	TO-220 5LD Aud Pwr Amp	10.19
526-NTE1383	DIP-18 DL Audio Pwr Amp	6.52
526-NTE1387	SIP-10 DL Audio Pwr Amp	8.24
526-NTE1388	SIP-10 Audio Power Amp	6.62
526-NTE1389	SIP-12 Audio Power Amp	8.86
526-NTE1390	SIP-10 Audio Power Amp	7.23
526-NTE1391	SIP-10 Audio Power Amp	7.23
526-NTE1395	SIP-12 DL Audio Pwr Amp	8.02
526-NTE1398	SIP-12 Dual AF PO	10.59
526-NTE1402	DIP-24 Elect CH Sel	8.75
526-NTE1409	DIP-24 Elect CH Sel	8.38
526-NTE1410	DIP-28 Chroma Signal Pro	12.63
526-NTE1413	DIP-16 VI IF/AGC Amp	10.14
526-NTE1417	DIP-14 TV SND IF Amp	9.00
526-NTE1430	DIP-22 TV VID IF Amp	9.32
526-NTE1439	DIP-14 Dual Anttentr	8.69
526-NTE1465	SIP-9 Audio Power Amp	2.38
526-NTE1466	SIP-9 PreAmp W/ALC	2.28
526-NTE1471	DIP-16 +2 Sync Sep	7.86
526-NTE1485	SIP-11 Vert Def Output	10.30
526-NTE1488	DIP-16 FM/IF Amp	6.99
526-NTE1489	DIP-16 Stereo Demod	5.33
526-NTE1496	DIP-16 Ose/X-Ray Ckt	8.53
526-NTE1508	DIP-18 Dot/Bar Driver	8.18
526-NTE1509	DIP-18 Dot/Bar Driver	7.76
526-NTE1515	DIP-16 LED Driver Circuit	4.55
526-NTE1516	DIP-8 Audio Power Amp	5.43
526-NTE1522	DIP-14 B/W Video IF	6.42
526-NTE1529	SIP-9 Dual Op Amp	3.05
526-NTE1538	DIP-16 TV Osc Driver	6.16
526-NTE1545	DIP-16 VI IF/AGC Amp	11.68
526-NTE1550	DIP-16 +2 Syn Signal Pro	7.42
526-NTE1557	DIP-16 FM/AM IF System	6.00

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◆ Surface Mount Device

SK CROSS REFERENCE SOFTWARE

MOUSER STOCK NO.	Description	Price Each
599-DK1	3.5" HD Disk Cross Reference	5.00

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599-SK2A5	DO-35 2.5V 0.5W Zener	0.62
599-SK2A7	DO-35 2.7V 0.5W Zener	0.62
599-SK3V0	DO-35 3.0V 1W Zener	0.92
599-SK3V9	DO-35 3.9V 1W Zener	0.92
599-SK5A1	DO-35 5.1V 0.5W Zener	0.62
599-SK5A6	DO-35 5.6V 0.5W Zener	0.62
599-SK6X0	DO-35 6.0V 5W Zener	2.18
599-SK6A2	DO-35 6.2V 0.5W Zener	0.62
599-SK6V2	DO-35 6.2V 1W Zener	0.92
599-SK6X2	DO-35 6.2V 5W Zener	2.18
599-SK7V5	DO-35 7.5V 1W Zener	0.92
599-SK7X5	DO-35 7.5V 5W Zener	2.18
599-SK8A2	DO-35 8.2V 0.5W Zener	0.62
599-SK9A1	DO-35 9.1V 0.5W Zener	0.62
599-SK10A	DO-35 10.0V 0.5W Zener	0.62
599-SK12A	DO-35 12V 0.5W Zener	0.62
599-SK12X	DO-27 12V 5W Zener	2.18
599-SK14A	DO-35 14.0V 0.5W Zener	0.62
599-SK15A	DO-35 15.0V 0.5W Zener	0.62
599-SK15X	DO-27 15V 5W Zener	2.18
599-SK16A	DO-35 16.0V 0.5W Zener	0.62
599-SK16V	DO-35 16.0V 1W Zener	0.92
599-SK18A	DO-35 18V 0.5W Zener	0.62
599-SK20A	DO-35 20.0V 0.5W Zener	0.62
599-SK20V	DO-35 20.0V 1W Zener	0.92
599-SK20X	DO-27 20.0V 5W Zener	2.18
599-SK22V	DO-35 22.0V 1W Zener	0.92
599-SK24A	DO-35 24.0V 0.5W Zener	0.62
599-SK24V	DO-35 24.0V 1W Zener	0.92
599-SK25A	DO-35 25.0V 0.5W Zener	0.64
599-SK27A	DO-35 27.0V 0.5W Zener	0.62
599-SK27V	DO-35 27.0V 1W Zener	0.92
599-SK30A	DO-35 30.0V 0.5W Zener	0.62
599-SK36X	DO-27 36V 5W Zener	2.18
599-SK39X	DO-27 39V 5W Zener	2.18
599-SK43A	DO-35 43.0V 0.5W Zener	0.62
599-SK43X	DO-27 43.0V 5W Zener	2.18
599-SK51X	DO-27 51.0V 5W Zener	2.18
599-SK56X	DO-27 56.0V 5W Zener	2.18
599-SK62A	DO-27 62.0V 0.5W Zener	0.62
599-SK82X	DO-27 82.0V 5W Zener	2.18
599-SK91A	DO-35 91V 0.5W Zener	0.62
599-SK100V	DO-35 100V 1W Zener	0.92
599-SK110V	DO-35 110V 1W Zener	1.25
599-SK120X	DO-27 120V 5W Zener	2.18
599-SK122	DO-4 5.6V 10W Zener	6.28
599-SK137	DO-4 9.1V 10W Zener	4.05
599-SK150A	DO-35 150V 0.5W Zener	0.62
599-SK170	DO-4 30V 10W Zener	6.85
599-SK180A	DO-35 180V 0.5W Zener	0.62
599-SK185	DO-4 50V 10W Zener	6.11
599-SK548	DO-5 17V 50W Zener	10.63
599-SK550	DO-5 18V 50W Zener	8.98
599-SK556	DO-5 22V 50W Zener	8.52
599-SK1854	DIP-40 2-Mode UART	7.92
599-SK2007	T-1 Red LED	0.50
599-SK2025	T-1 3/4 Red LED	0.67
599-SK2035A	L-013 NPN Photo Trans	1.98
599-SK2041	NPN Photo Transistor	1.89
599-SK2042	DIP-6 NPN Photo Transistor	1.57
599-SK2046	Photo Thyristor SCR	1.60
599-SK2064	.3" Yellow Display CA LHDP	2.83
599-SK2086	NPN Photo Transistor	3.65
599-SK2214	1K x 4 SRAM 450ns	12.10

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MOUSER STOCK NO.	Description	Price Each 1-99
599-SK2716	2K x 8 UVEPROM 450nS	13.76
599-SK3004	TO-1 PNP Power Out Stg	1.90
599-SK3009	TO-3 PNP Gen Pur Hi-Pwr	8.30
599-SK3017B	600V 1A Rectifier	1.46
599-SK3020	TO-39 NPN Small Signal	1.73
599-SK3026	TO-66 NPN Audio Out	2.95
599-SK3027	TO-3 NPN Audio Out	3.90
599-SK3043B	DO-15 Gen Pur 1000V	3.45
599-SK3049	TO-39 NPN Transmitter Out	6.87
599-SK3050	TO-72 N-Chan MOSFET	2.93
599-SK3054	TO-220 NPN Gen Pur	2.99
599-SK3065	TO-72 N-CH Mosfet	4.86
599-SK3079	TO-3 NPN High Power	8.65
599-SK3083	TO-220 PNP Vert Defl Amp	2.72
599-SK3090	DO-7 100V 0.2A Rect	0.65
599-SK3100	DO-35 Fast Rec Rect 75V	0.99
599-SK3104A	TO-39 NPN TV Drvr/Out	2.15
599-SK3112	TO-92 N-Chan JFET	2.15
599-SK3114A	TO-92 PNP AF Power Amp	1.38
599-SK3118	TO-92 PNP AM/FM Stg	1.10
599-SK3122	TO-92 NPN AM/FM Stg	1.60
599-SK3123	TO-8 PNP AF Amp	10.40
599-SK3124A	TO-92 NPN AF Power Amp	1.32
599-SK3130	DO-1 1500V 1Amp Rect	1.40
599-SK3137	TO-92 NPN AF Med Pwr	1.80
599-SK3178B	TO-202 NPN AF Med Pwr	3.65
599-SK3180	TO-220 NPN Darl Amp	2.62
599-SK3182	TO-3 NPN Darl Amp	3.48
599-SK3188A	TO-220 NPN AF Hi-Power	4.73
599-SK3189A	TO-220 PNP AF Hi-Power	5.25
599-SK3190	TO-126 NPN AF Hi-Power	2.10
599-SK3191	TO-126 PNP AF Hi-Power	2.49
599-SK3194	TO-66 NPN Horiz Out	8.45
599-SK3197	TO-220 NPN RF Out Stage	6.30
599-SK3199	TO-202 NPN AF Med Power	2.41
599-SK3200	TO-202 PNP AF Med Power	2.95
599-SK3244	TO-92 NPN TV Video Out	1.30
599-SK3245	TO-92 NPN AF Preamp	0.95
599-SK3246A	TO-92 NPN Broadcast Rcvr	2.15
599-SK3261	TO-66 NPN High Voltage	4.88
599-SK3265	TO-39 NPN Driver/Out	2.00
599-SK3275	TO-92 NPN High Voltage	1.05
599-SK3293	TO-92 NPN AM/FM Stage	1.60
599-SK3297	TO-3 NPN Aud Out	6.30
599-SK3300	Hi-Volt Multiplr 40KV	27.95
599-SK3306	DIP-8 Hi-Speed Op Amp	18.42
599-SK3311	DO-41 1A 200V Rectifier	0.30
599-SK3312	DO-41 1A 400V Rectifier	0.35
599-SK3313	DO-41 1A 600V Rectifier	0.45
599-SK3318A	DO-15 Fast Rec 600V	2.75
599-SK3323	Var Diode 30V 280MW	1.03
599-SK3434	TO-92 PNP GP Hi-Volt	0.98
599-SK3440	TO-220 NPN AF Power	2.97
599-SK3441	TO-220 PNP AF Power	3.25
599-SK3444	TO-18 NPN Gen Pur SS	1.39
599-SK3449	NPN Audio Driver/Out STG	1.64
599-SK3450	TO-92 PNP Audio Driver/Out	1.54
599-SK3452	TO-92 NPN Video Amp	1.64
599-SK3456	DIP-16 4W Audio Amp	7.09
599-SK3465	DIP-8 Dual Op Amp	3.65
599-SK3466	TO-92 PNP AF Med Power	1.64
599-SK3503	TO-5 600V 7A SCR	5.13
599-SK3523	DO-35 2.0A 28-36V Diac	1.35
599-SK3527	TO-3 Sw Rect 600V	10.13
599-SK3529	TO-39 NPN Hi-Volt Sw	4.19
599-SK3538	TO-66 NPN Sw Trans	4.75
599-SK3543	DIP-14 Transistor Array	4.80
599-SK3552	DIP-8 Single Op Amp	0.99
599-SK3564	DIP-8 Timer/Osc	1.79
599-SK3574	TO-220 200V 16A SCR	4.50
599-SK3577	TO-5 200V 100A SCR	4.20
599-SK3591	TO-220 +5V Fixed Reg	3.50
599-SK3593	TO-220 +15V Fixed Reg	3.60
599-SK3594	DIP-14 Quad Op Amp	6.95
599-SK3595	DIP-14 Phased Locked Loop	3.62
599-SK3597	TO-220 200V 2.2A SCR	1.45

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MOUSER STOCK NO.	Description	Price Each 1-99
599-SK3599	DO-4 6A 4400V Rect	4.00
599-SK3617	TO-5 Prog Power Switch	3.57
599-SK3629	TO-3 +5V Fixed Reg	5.99
599-SK3630	TO-220 +8V Fixed Reg	3.35
599-SK3638	TO-92 100V 0.8A SCR	1.12
599-SK3642	TO-3 PNP Power Switch	20.95
599-SK3645	TO-5 Single Op Amp	8.45
599-SK3647	200V 2A Full Wave Bridge	2.12
599-SK3648	400V 2A Full Wave Bridge	2.42
599-SK3662	400V 40A Triac	16.75
599-SK3670	TO-220 +24V Fixed Reg	3.55
599-SK3671	TO-220 -5V Fixed Reg	4.80
599-SK3674	TO-220 -15V Fixed Reg	4.90
599-SK3678	600V 2A FW Bridge	3.05
599-SK3680	200V 25A FW Bridge	5.81
599-SK3688	DIP-14 Op Amp	2.60
599-SK3694	DIP-16 NPN Trans Array	2.10
599-SK3697	DIP-14 Hi-Volt Array	2.50
599-SK3715	TO-92 PNP AF Driver/Out	1.75
599-SK3746	TO-92 P-Chan JFET	1.95
599-SK3747	TO-126 NPN Power Out	2.30
599-SK3829	DIP-16 FM IF Amp	6.90
599-SK3835	TO-1 NPN AF Driver	2.02
599-SK3841	TO-92 PNP AF Power Amp	1.63
599-SK3846	TO-3 PNP AF Power Out	10.95
599-SK3849	TO-92 NPN AF Power Amp	1.64
599-SK3854	TO-92 NPN Gen Pur SS	1.17
599-SK3861	TO-39 NPN AF Power Amp	5.16
599-SK3866A	NPN AF Pre-Driver	2.90
599-SK3871	4W 35KV Hi-Volt Div	10.13
599-SK3892	DIP-14 FM Phase Detect	3.20
599-SK3893	TO-220 NPN Medium Power	2.39
599-SK3896	TO-220 NPN Power Amp	2.14
599-SK3899	TO-92 NPN Pre-Amp	1.05
599-SK3929	TO-220 NPN Medium Power	3.05
599-SK3932	TO-92 PNP AF / RF Hi-Volt	1.40
599-SK3942	TO-64 200V 8A SCR	14.32
599-SK3947	TO-3 NPN Hi-Power Audio	7.95
599-SK3977	TO-72 N-Chan JFET	2.68
599-SK3987	400V 8A FW Bridge	4.10
599-SK3996	TO-126 NPN Audio Amp	2.18
599-SK3997	TO-126 PNP Audio Amp	2.41
599-SK4007UB	Dual Comp Inverter	0.79
599-SK4011B	Quad 2-Input NAND Gate	1.01
599-SK4069UB	Hex Inverter	0.82
599-SK4541B	CMOS Programmable Timer	2.43
599-SK4804	TO-39 Gen Pur WB Amp	13.39
599-SK4909	TO-220AB NPN Horz Defl	5.50
599-SK4918	TO-202 400V 4A Triac	3.48
599-SK4929	SCR Optoisolator	3.95
599-SK4939	NPN UHF/RF Amp	2.97
599-SK5014	DO-27 Fast Rec 200V	2.39
599-SK5046	Full WV Bridge 1000V	8.65
599-SK5048	R-097 Full WV Bridge 200V	6.75
599-SK5053	SIP-4 Full WV Bridge 200V	2.15
599-SK5060	200V 8A Half Wave Bridge	4.15
599-SK6556	DO-9 600V 300A GP Rect	53.20
599-SK7110	DO-4 1000V 16A Rectifier	8.75
599-SK7330	R-068 High Volt Rectifier	5.69
599-SK7356	DO-8 600V 150A Rectifier	33.10
599-SK7446	BCD to 7-Segment Driver	3.28
599-SK7613	DIP-16 PLL Cir Decoder	7.69
599-SK7617	DIP-14 Diff Vid Amp	2.60
599-SK7632	DIP-30 TV IF Sys W/AFT	12.35
599-SK7643	DIP-8 Adj +Volt Reg	1.77
599-SK7691	DIP-8 MOSFET IN Op Amp	2.29
599-SK7697	DIP-8 Dual BIMOS Op Amp	3.59
599-SK7706	TO-220 10W Audio Pwr Amp	10.19
599-SK7710	DIP-8 Overvolt Sensing	3.40
599-SK7740	TO-3P Fixed +12V Volt Reg	6.45
599-SK7742	TO-3P Fixed +24V Volt Reg.	6.65
599-SK7784	DIP-14 TV Sound IF Amp	6.60
599-SK7811	SIP-15 Fixed 16V Voltage Reg	12.36
599-SK9000	DO-15 600V 1A Rect	1.26
599-SK9001	1.5A 200V Half Wave	2.61
599-SK9003	DO-27 50V 3.0A Rect	0.58

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599-SK3008	TO-1 PNP Bipolar Trans	2.12
599-SK3018	TO-72 NPN RF Trans	2.25
599-SK3021	TO-66 NPN Audio Amp	3.95
599-SK3029	TO-3 NPN Audio Out	8.40
599-SK3032A	DO-41 1A 800V Rect	1.55
599-SK3033A	DO-41 1A 1000V Rect	1.15
599-SK3036	TO-3 NPN Power Trans	8.56
599-SK3039	TO-72 NPN UHF Trans	3.75
599-SK3044	TO-39 NPN Hi-Volt Trans	3.39
599-SK3051	DO-27 3A 1000V Rect	1.05
599-SK3052	TO-66 PNP Med Pwr	1.73
599-SK3053	TO-39 PNP Hi-Spd Sw	6.00
599-SK3072	DIP-14 TV Snd IF Amp	4.85
599-SK3079	TO-3 NPN Hi-Pwr	8.65
599-SK3081	DO-41 2.5A 1000V Rect	0.79
599-SK3085	TO-66 PNP Defl Amp	4.65
599-SK3088	DO-7 Signal Diode .05A 30V	0.05
599-SK3089	DO-7 RF/UHF Diode	0.87
599-SK3103A	TO-39 NPN TV Vid Amp	3.05
599-SK3105	Bridge Rect 1.5A 200V	2.25
599-SK3106	Bridge Rect 1.5A 400V	1.73
599-SK3107	Bridge Rect 1.5A 1000V	2.56
599-SK3110	TV Convrg Rect Array	2.50
599-SK3111	TO-3 NPN Deflection	2.50
599-SK3115	TO-3 NPN Deflection	13.50
599-SK3135	DIP-14 TV Snd Detect	5.40
599-SK3149	DIP-16 Citroma Amp	4.85
599-SK3164	TO-5 TV Volt Reg	2.32
599-SK3175A	DO-15 1.5A 800V Rect	2.20
599-SK3176	HF-44 NPN Vhf Output	24.30
599-SK3177	HF-44 NPN Vhf Amp	27.06
599-SK3179B	TO-202 PNP Med. Pwr	3.40
599-SK3181A	TO-220 PNP Darl Amp	3.23
599-SK3183A	TO-3 PNP Dar Amp	3.95
599-SK3188A	TO-220 NPN Af Hi-Pwr	4.73
599-SK3192	NPN AF Hi-Pwr	2.39
599-SK3193	PNP AF Hi-Pwr	2.50
599-SK3195	TO-39 NPN RF Driver	2.66
599-SK3207	DIP-16 TV Lum Procsr	2.64
599-SK3218	TO-39 NPN RF Amp	3.25
599-SK3219	TO-220 NPN Horiz Drvr	3.25
599-SK3220	TO-220 NPN AF Amp	3.20
599-SK3231	SIP-10 Audio Pwr Amp	10.82
599-SK3234	DIP-8 TV Snd IF/Agc	3.40
599-SK3247	TO-92 PNP AF Preamp	1.00
599-SK3250	TO 920 NPN CB Drvr	2.76
599-SK3253	TO-126 NPN CB Drvr/Out	3.20
599-SK3255	DIP-8 TV Hoel Procsr	3.05
599-SK3260	TO-3 NPN Aud Out	9.80
599-SK3274	TO-220 PNP AF Out	2.90
599-SK3282	SIP-10 5W Audio Amp	13.25
599-SK3284	DIP-14 TV Vid IF Amp	13.19
599-SK3325	Varactor Diode 30V 200mA	1.57
599-SK3326	Varactor Diode 30V 200mA	1.45
599-SK3327	Varactor Diode 30V 200mA	1.26
599-SK3328	DIP-14 2.5W Audio Amp	6.00
599-SK3433	TO-92 NPN Hi-Voltage	0.96
599-SK3445	SIP-9 PLL Freq Synth	8.38
599-SK3462	TO-92 + 5.0V Regulator	1.65
599-SK3464	NPN AF Pwr Amp	3.25
599-SK3467	TO-3 NPN TV Horz Def	8.80
599-SK3493	SIP-7 Lo Noise Preamp	3.05
599-SK3500	DO-4 12A 600V Rect	3.62
599-SK3505	TO-48 35A 600V SCR	15.20
599-SK3521	TO-48 30A 600V Triac	16.40
599-SK3526	TO-5 Dual Op Amp	6.25
599-SK3528	TO-39 PNP Hi-Spd Swch	3.15
599-SK3533	TO-220 150A 400V Triac	3.40
599-SK3541	DIP-14 Zero Volt Swch	9.85
599-SK3582	TO-48 35A 400V SCR	11.50
599SK3583	TO-5 2.5A 200V Triac	2.35
599-SK5052	R-098 Full WV Bridge 1000V	9.05
599-SK5060	200V 8A Half Wave Bridge	4.15
599-SK5538	TO-220 400V 100A Triac	2.85
599-SK5704	TO-218 400V 25A Triac	11.80
599-SK6627	TO-48 400V 22A SCR	12.72
599-SK7240	DO-5 600V 60A Rect	16.55
599-SK7303	600V 100A Full Wave Bridge	100.00
599-SK7355	DO-8 400V 150A Rectifier	31.92
599-SK7404	Hex Inverter/Buffer	0.84
599-SK7617	DIP-14 Diff Vid Amp	2.60
599-SK7638	DIP-18 Dot/Bar Display Driver	8.18
599-SK7674	DIP-16 AM/FM IF System	5.47
599-SK7683	DIP-8 Micropower Op Amp	2.39
599-SK7690	TO-5 MOSFET IN Op Amp	3.50
599-SK7696	DIP-8 MOSFET IN Op Amp	2.85
599-SK7707	22W Audio Power Amp	13.97
599-SK7715	DIP-22 Picture Tube BIAS	8.65
599-SK7733	DIP-40 Quad NPN Darl Arr	5.99
599-SK7790	SIP-10 5.8W Aud Pwr Amp	11.33
599-SK9007	DO-27 400V 3A Rectifier	1.18
599-SK9011	DIP-8 Dual Comparator	4.35
599-SK9013	DIP-8 Low Noise Dual Preamp	3.60
599-SK9072	TO-72 N-Chan JFET	1.73
599-SK9089	DIP-8 Tone Decoder	3.90
599-SK9120	TO-92 Bidirect Switch	1.39
599-SK9121	TO-92 Unijunction Trans	2.65
599-SK9123	TO-18 Unijunction Trans	6.75
599-SK9125	TO-98 350mW Thyristor	5.20
599-SK9132	TO-92 PNP Audio Freq	1.75
599-SK9136	TO-92 PNP Power Amp	8.84
599-SK9137	TO-92 NPN Lo-Freq Pwr Amp	2.05
599-SK9138	TO-92 NPN Lo-Freq Pwr Amp	2.12
599-SK9145	DIP-8 Hi-Speed Op Amp	4.50
599-SK9147	DIP-8 Op Amp	2.77
599-SK9148	TO-71 N-Ch JFET Diff	10.80
599-SK9152	DO-4 Schottky Rectifier	14.25
599-SK9154	DO-5 Schottky Rectifier	18.35
599-SK9157	TO-78 N-Ch JFET	1.34
599-SK9158	TO-72 N-Ch MOSFET	6.61
599-SK9161	TO-92 N-Ch JFET	1.37
599-SK9163	TO-18 N-Ch JFET	1.78
599-SK9164	TO-92 N-Ch JFET	1.57
599-SK9167	DIP-8 Op Amp	1.90
599-SK9203	BCD-to-7 Seg Dec/Drvr	2.31
599-SK9204	DIP-16 A/D Converter	9.85
599-SK9205	DIP-16 Trans Array	4.70
599-SK9227	DIP-16 TV Horiz Proc	5.68
599-SK9230	200V 1.0A Full Wave Bridge	1.60
599-SK9237	TO-3 NPN Hi-Power Amp	8.28
599-SK9241	DIP-14 Elect Switch	3.29
599-SK9243	SIP-9 0.8W Audio Amp	3.59
599-SK9262	TO-3 NPN Hi Volt	9.80
599-SK9277	TO-5 Dual Volt Comp	3.15
599-SK9294	TO-220 600V 10A SCR	4.45
599-SK9301	R-090 Microwave Rect 12KV	10.15
599-SK9306	1.0A 8KV Rectifier	16.00
599-SK9324	DIP-16 TV Snd IF Det	7.54
599-SK9331	TO-3 +12V Voltage Regulator	7.21
599-SK9333	TO-3 +Adj Voltage Regulator	7.60
599-SK9347	TO-66 Overvolt Protect	6.89
599-SK9348	TO-3 Overvolt Protect	7.59
599-SK9350	TO-3 Overvolt Protect	12.15
599-SK9351	PNP TV Vid/Chroma Amp	4.95
599-SK9352	TO-92 NPN TV Chroma Output	3.00
599-SK9370	TO-126 NPN Hi-Speed Sw	1.45
599-SK9372	NPN Bi-Polar Transistor	3.25
599-SK9377	TO-5 BIMOS Op Amp	4.08
599-SK9378	DIP-8 Single Op Amp	1.50
599-SK9390	TO-247 PNP LoFreq Pwr Amp	6.25
599-SK9391	TO-220 NPN Hi-Speed Switch	4.02
599-SK9411	TO-3 NPN TV Horz Defl	7.54
599-SK9413	TO-3P NPN Hi-Curr Sw	4.35
599-SK9415	TO-3P PNP Hi-Curr Sw	4.60
599-SK9417	TO-55 NPN AF Power Amp	1.95
599-SK9418	TO-10 NPN AF Sm Signal	0.95
599-SK9428	PNP Lo-No Diff Amp	2.02
599-SK9431	TO-220 NPN Hi-Volt	3.95
599-SK9445	TO-220 NPN Hi-Volt	4.02
599-SK9446	NPN Hi-Power Linear Amp	9.52
599-SK9452	TO-220 NPN Hi-Speed Sw	3.85
599-SK9453	TO-92 NPN Hi-Current Sw	0.85
599-SK9454	TO-92 PNP Hi-Current Sw	1.25
599-SK9458	TO-62 PNP Power Switch	3.15
599-SK9459	TO-92 NPN Lo-No Amp	1.06
599-SK9460	TO-92 N-Channel JFET	1.81
599-SK9463	TO-92 NPN Hi-Curr Driver	0.98
599-SK9464	TO-92 PNP Hi-Curr Driver	0.95
599-SK9465	TO-92 NPN Hi-Speed Sw	0.55
599-SK9466	TO-202 NPN Hi-Volt	1.79
599-SK9469	TO-237 PNP Gen Pur	1.45
599-SK9470	TO-237 NPN Hi-Speed Sw	1.22
599-SK9473	TO-237 NPN Hi-Volt Amp	2.39
599-SK9474	TO-220 NPN Power Trans	1.86
599-SK9475	TO-220 NPN Darlington	1.82
599-SK9476	TO-218 NPN Horz Defl	7.10
599-SK9483	NPN TV Power Reg	6.45
599-SK9489	TO-3PL PNP Power Amp	6.50
599-SK9501	TO-220 N-CH MOSFET 150V	5.95
599-SK9503	TO-220 N-CH MOSFET 60V	3.29
599-SK9504	TO-39 P-CH MOSFET 100V	4.95
599-SK9505	TO-220 N-CH MOSFET 150V	5.50
599-SK9506	TO-220 P-CH MOSFET 100V	5.20
599-SK9508	TO-220 P-CH MOSFET 100V	11.75
599-SK9703	DIP-24 1024X8 Prom 70NS	12.79
599-SK9713	SIP-8 Filter Seg Proc	1.24
599-SK9715	SIP-8 Remote Control PreAmp	1.52
599-SK9717	SIP-9 Remote Control PreAmp	1.89
599-SK9724	DIP-24 VTR DD Motor Circ	14.82
599-SK9728	DIP-22 Interface F/Char Patt	8.45
599-SK9729	SIP-7 Vert Defl Circ	3.79
599-SK9732	DIP-22 Noise Reduct	5.08
599-SK9733	DIP-18 VTR Interface Cir	10.55
599-SK9740	SIP-10 Rev Motor Driver	3.99
599-SK9741	TO-98 PNP Inv/Interface/Drvr	0.70
599-SK9742	TO-98 NPN Inv/Interface/Drvr	0.72
599-SK9746	SIP-8 Elect Sw for VTR	1.33
599-SK9750	DIP-30 TV Video Chroma Defl	10.95
599-SK9755	DIP-16 TV Tuner Controller	2.66
599-SK9757	SIP-15 2-Ch Volt Amp	17.09
599-SK9763	DIP-4 NPN Optoisolator	1.37
599-SK9769	DIP-16 Freq Sync F/TV	11.75
599-SK9770	DIP-8 NPN Optoisolator	4.75
599-SK9800	DIP-8 JFET Op Amp	3.75
599-SK9808	TO-220AB 400V 25A Triac	7.10
599-SK9840	TO-237 NPN GP Amplifier	1.48
599-SK9854	SIP-3 Power Volt Detector	2.90
599-SK9855	TO-220AB NPN Sw Reg	3.25
599-SK9856	TO-126N NPN Power Amp	1.48
599-SK9908	DIP-16 Darlington Switch	5.25
599-SK9934	40V 1A Schottky Rect	1.04
599-SK9938	200V 1.8A Ultra Fast Rect	1.41
599-SK9958	SP-92 PNP Gen Pur Switch	1.37
599-SK9959	SP-92 NPN Gen Pur Switch	0.98
599-SK9960	SP-92 PNP Gen Pur Switch	1.07
599-SK9967	DO-35 5.1V 0.5W Zener	5.44
599-SK9972	600V 6A Full Wave Brdg	6.04
599-SK9975	DO-35 Pin Diode	1.23
599-SK9986	TO-218 NPN Horz Defl Circ	8.45
599-SK10018	SIP-12 AF Power Amp	4.95
599-SK10037	DIP-14 PWM Cont Circuit	3.30
599-SK10044	DIP-16 IR Pre Amp	6.07
599-SK10045	DIP-14 RC IR Pre Amp	5.16
599-SK10065	Quad Op Amp	3.84
599-SK10066	Dual Current Amp	4.09
599-SK10072	SIP-9 Dual Op Amp	2.09
599-SK10076	TO-78 Prog Op Amp	4.75
599-SK10077	DIP-8 Prog Op Amp	3.07
599-SK10082	DIP-30 Chroma Amp	8.95
599-SK10085	SIP-13 Vert Defl	3.00
599-SK10088	TO-3PM Horz Deflect	6.69
599-SK10090	TO-92 Darl Trans	1.50
599-SK10091	TO-220AB NPN Power Amp	3.21
599-SK10093	SP-92 NPN Hi-Speed Switch	0.98
599-SK10094	SP-92 PNP Hi-Speed Switch	0.98
599-SK10123	TO-3 Darl Trans	14.32
599-SK10128	TO-220AB N-Ch MOSFET	3.93
599-SK10132	TO-220AB N-Ch MOSFET	3.25
599-SK10136	TO-3PB NPN Horz Deflection	9.64
599-SK10139	SIP-8 Dual Op Amp	3.73
599-SK10163	90V 150A Schottky Rect	4.77
599-SK10297	DIP-18 NMOS 64K DRAM	10.66
599-SK10300	TO-220J High Volt Trans	5.63
599-SK10301	TO-220J High Volt Trans	5.33
599-SK10303	TO-220AB N-Ch MOSFET	6.79
599-SK10304	TO-220 N-Chan MOSFET	10.99
599-SK10462	TO-92 N-Chan JFET	1.39
599-SK10471	SIP-9 Pwr Supply Controller	5.95
599-SK10472	TV Signal Processor	12.70
599-SK10510	DO-27 400V 5A Rect	2.88
599-SK74157	2 to 1 Line Data Selector	1.52
599-SK74160	Sync 4-Bit Dec Cntr	3.20
599-SK74176	Decade Preset Counter	2.85
599-SK74LS86	Quad Exclusive OR Gate	1.28

The most popular SK products are listed. Thousands of other SK products are in stock, too many to list. Please call your local Mouser Sales Representative.

AMPLIFIED PHOTOMICROSENSORS

∗Has built-in sensitivity adjuster

Reflective, Solder Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SB5V	A	Light-On	CMOS-, TTL compatible	5mm	4.39	4.04	11.05
653-EE-SB5V-E	A	Light-On	CMOS-, TTL compatible	19mm	4.39	4.04	15.45
653-EE-SY671	B	Light-On/Dark-On	Side detecting	1-5mm	19.53	18.50	16.45
653-EE-SY672	C	Light-On/Dark-On	Top detecting	1-5mm	19.53	18.50	16.45

Transmissive, Solder Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SX670	D	Light-On/Dark-On	Indicator off w/ detecting object	5mm	16.16	15.31	14.89
653-EE-SX670A	D	Light-On/Dark-On	Indicator on w/ detecting object	5mm	16.16	15.31	14.89
653-EE-SX671	E	Light-On/Dark-On	Indicator off w/ detecting object	5mm	16.37	15.51	15.08
653-EE-SX671A	E	Light-On/Dark-On	Indicator on w/ detecting object	5mm	16.37	15.51	15.08
653-EE-SX672	F	Light-On/Dark-On	Indicator off w/ detecting object	5mm	16.69	15.81	15.37
653-EE-SX672A	F	Light-On/Dark-On	Indicator on w/ detecting object	5mm	16.69	15.81	15.37
653-EE-SX673	G	Light-On/Dark-On	Indicator off w/ detecting object	5mm	17.28	16.37	15.92
653-EE-SX673A	G	Light-On/Dark-On	Indicator on w/ detecting object	5mm	17.28	16.37	15.92
653-EE-SX674	H	Light-On/Dark-On	L-shaped, Close-mounting	5mm	17.78	16.84	16.37
653-EE-SPX303	I	Dark-On	TTL and PLC compatible	13mm	34.91	33.08	32.16

Transmissive, PCB Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SPX301	J	Dark-On	Can connect to PLC	3.6mm	33.57	31.81	30.92

Transmissive, Wire Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SPX302-W2A	K	Dark-On	TTL and PLC compatible	3.6mm	49.69	47.08	45.77
653-EE-SPX304-W2A	L	Dark-On	TTL and PLC compatible	3.6mm	53.70	50.88	49.46
653-EE-SPX305-W2A	M	Dark-On	TTL and PLC compatible	5mm	55.73	52.80	51.33

Through-beam, Wire Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SX770	N	Dark-On	Allows M3-screw mounting	5mm	21.61	20.48	19.91
653-EE-SX771	O	Dark-On	Allows M3-screw mounting	5mm	22.88	21.68	21.07
653-EE-SX772	P	Dark-On	Allows M3-screw mounting	5mm	23.84	22.59	21.96
653-EE-SX870	N	Light-On	Allows M3-screw mounting	5mm	21.61	20.48	19.91
653-EE-SX871	O	Light-On	Allows M3-screw mounting	5mm	22.88	21.68	21.07
653-EE-SX872	P	Light-On	Allows M3-screw mounting	5mm	23.84	22.59	21.96

Convergent Reflective, Solder Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SPY311	Q	Dark-On	Side detecting	5mm	32.59	30.88	30.02
653-EE-SPY312	R	Dark-On	Top detecting	5mm	32.59	30.88	30.02
653-EE-SPY411	Q	Light-On	Side detecting	5mm	32.59	30.88	30.02
653-EE-SPY412	R	Light-On	Top detecting	5mm	32.59	30.88	30.02

Separate, Solder Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SPW321	S	Dark-On	Variable aperture width	30cm	124.51	121.05	114.13
653-EE-SPW421	S	Light-On	Variable aperture width	30cm	124.51	121.05	114.13
653-EE-SPW311	T	Dark-On	Emitter/Receiver Pair; 5-24VDC IN	1 M	75.61	71.63	69.64
653-EE-SPW411	T	Light-On	Emitter/Receiver Pair; 5-24VDC IN	1 M	75.61	71.63	69.64

Fiber-Optic, PCB Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SPZ301A	U	Dark-On	TTL and PLC compatible	200mm	43.87	41.56	40.40
653-EE-SPZ401A	U	Light-On	TTL and PLC compatible	200mm	43.87	41.56	40.40

Fiber-Optic, PCB/Wire Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SPZ301W-01	V	Dark-On	Fiber optic sensing head	30mm	59.97	56.81	55.23
653-EE-SPZ401W-01	V	Light-On	Fiber optic sensing head	30mm	59.97	56.81	55.23

• ILLUSTRATION DIMENSIONS (mm)

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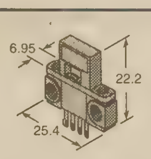

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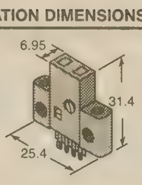

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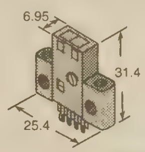

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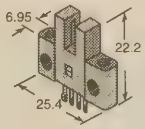

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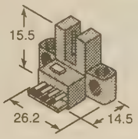

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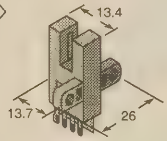

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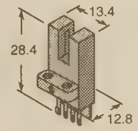

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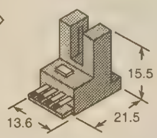

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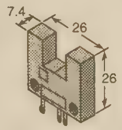

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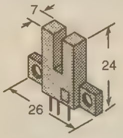

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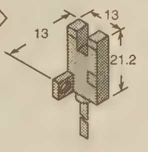

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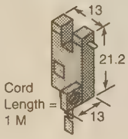

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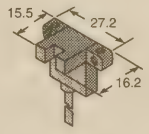

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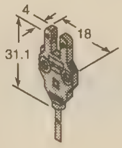

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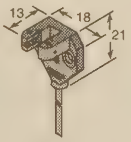

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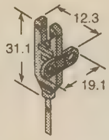

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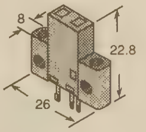

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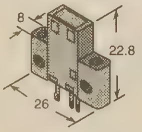

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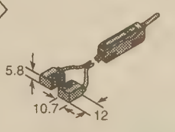

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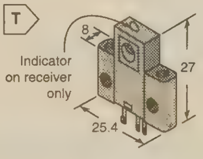

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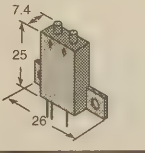

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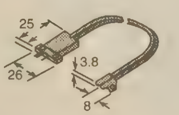

OMRON Photomicrosensors

NON-AMPLIFIED PHOTOMICROSENSORS

Reflective, SMT Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SY125	A	Phototransistor	SMD ultra-compact	1mm	**1.74**	**1.60**	**1.56**

Reflective, PCB Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SY124	B	Phototransistor	Ultra-compact	1mm	**1.74**	**1.60**	**1.56**
653-EE-SY169	C	Phototransistor	Red LED for sensing of dyestuffs	4mm	**9.67**	**8.90**	**8.65**
653-EE-SY169A	C	Phototransistor	IR LED sensor for precise sensing	4mm	**8.65**	**7.97**	**7.74**
653-EE-SY310	D	Photo IC; Dark-On	Built-in preamp & Schmitt circuit	5mm	**3.17**	**2.92**	**2.84**
653-EE-SY410	D	Photo IC; Light-On	Built-in preamp & Schmitt circuit	5mm	**3.17**	**2.92**	**2.84**
653-EE-SB5-B	E	Phototransistor	Reduced external light	5mm	**4.39**	**4.04**	**3.93**
653-EE-SF5-B	F	Phototransistor	Insusceptible to external light	5mm	**4.31**	**3.97**	**3.86**

Reflective, Solder Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SB5	E	Phototransistor	Reduced external light	5mm	**4.39**	**4.04**	**3.93**
653-EE-SF5	F	Phototransistor	Insusceptible to external light	5mm	**4.31**	**3.97**	**3.86**

Reflective

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SPY415	G	Photo IC	Convergent technology	3-19mm	**10.76**	**9.91**	**9.63**

Transmissive, PCB Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SG3-B	H	Phototransistor	Reduced external light	3.6mm	**3.29**	**3.03**	**2.94**
653-EE-SJ3-D	I	Phototransistor	High-resolution	3.4mm	**2.92**	**2.69**	**2.61**
653-EE-SX1025	J	Phototransistor	Low-pro. w/2.8mm sensing slot	2mm	**1.87**	**1.72**	**1.67**
653-EE-SX1031	K	Phototransistor	Dual channel output, high-res.	3.4mm	**3.75**	**3.46**	**3.36**
653-EE-SX1035	L	Phototransistor	Non-contact, noiseless sensing	5.2mm	**1.95**	**1.80**	**1.74**
653-EE-SX1042	M	Phototransistor	Slot 12mm deep and 5mm wide	5mm	**1.53**	**1.41**	**1.37**
653-EE-SX1070	N	Phototransistor	Stable sensing as high as 95° C	8mm	**1.53**	**1.41**	**1.37**
653-EE-SX4070	N	Photo IC; Light-On	Built-in preamp & Schmitt circuit	8mm	**1.77**	**1.63**	**1.58**

Transmissive, Solder Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
6653-EE-SG3	H	Phototransistor	Reduced external light	3.6mm	**3.29**	**3.03**	**2.94**

Transmissive, Wire Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
6653-EE-SX1088-W1	O	Phototransistor	Non-contact, noiseless sensing	3.4	**6.40**	**5.60**	**5.44**

MICROPHOTONIC

‡ Uses Amp mating connectors173977-6 and 175778-5

†Requires 5 VDC

Reflective, PCB Terminals

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
653-EE-SY190	P	Phototransistor	Fresnel lens enhance sensing char.	4-5mm	**7.98**	**7.35**	**7.14**

Reflective

MOUSER STOCK NO.	Fig.	Output	Features	Sensing Distance	Price Each		
					1	25	50
† 653-Z4D-A01	Q	‡ 2 Analog	Detects 10mm movement & thickness	- - -	**48.98**	**46.40**	**45.12**

PHOTOMICROSENSOR ACCESSORIES

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	25	50
653-EE-1001	R	4 Pin connector	**2.15**	**2.04**	**1.98**
653-EE-1002	S	3 Pin connector	**2.17**	**2.06**	**2.00**
653-EE-1003	T	3 Pin connector w/3.3" wire harness	**3.89**	**3.68**	**3.58**
653-EE-1006	U	4 Pin connector w/6.6" wire harness	**10.33**	**9.79**	**9.51**
653-EE-1003A	-	Connector holder for EE-1003	**1.20**	**1.14**	**1.10**

• ILLUSTRATION DIMENSIONS (mm)

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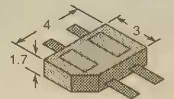

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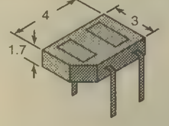

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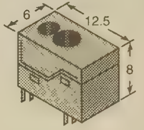

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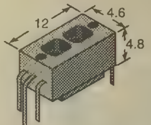

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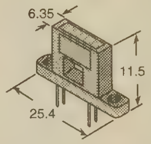

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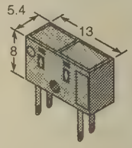

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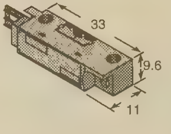

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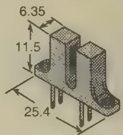

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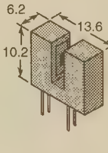

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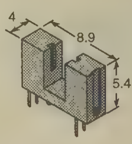

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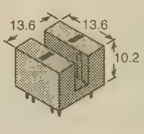

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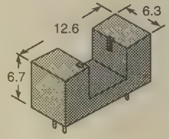

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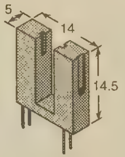

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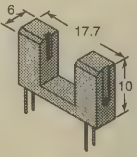

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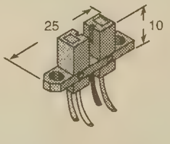

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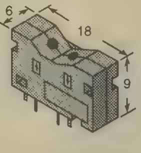

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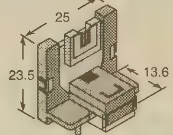

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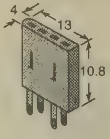

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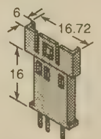

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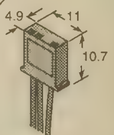

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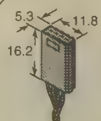


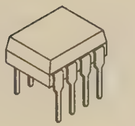
OPTOISOLATORS

Applications:

Can be used as an interface circuit for various instrumentations and control equipment in the following:

- AC line/digital logic
- Digital logic/digital logic
- Twisted pair line receiver
- Telephone/telegraph line receiver

Safety Standard: UL = UL Recognized
UL/VDE = UL Recognized and VDE Recognized



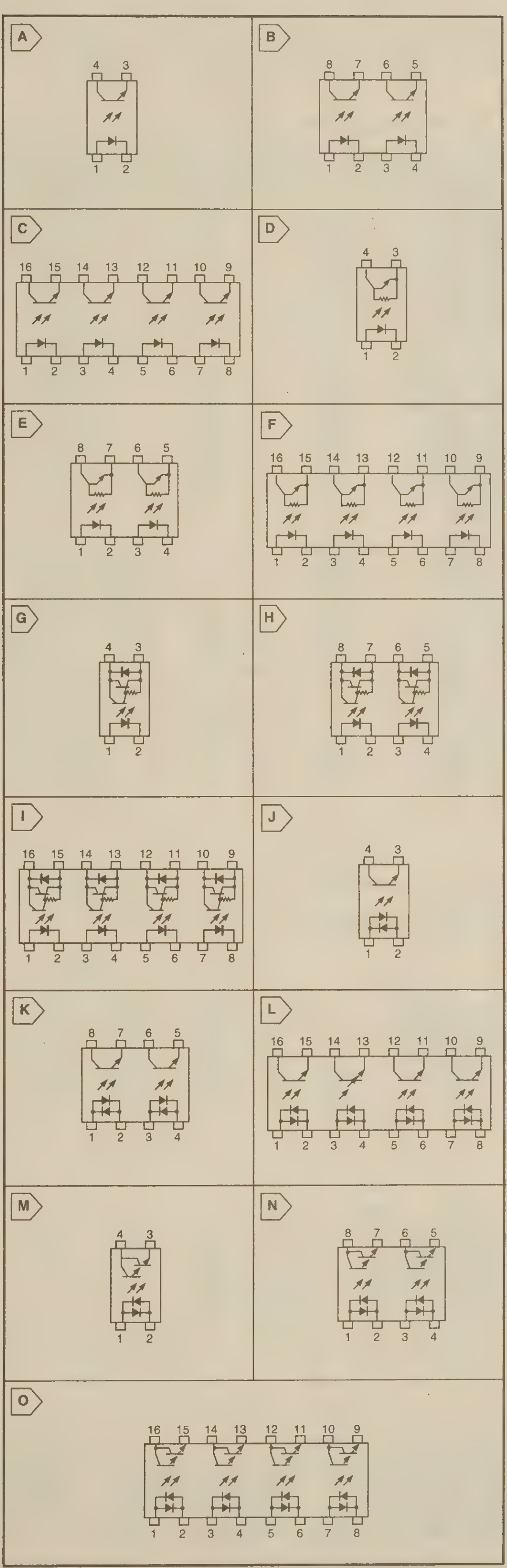
Features:

- High isolation voltage
- High current transfer ratio
- Low cost
- High speed switching

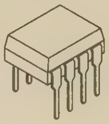
◆ Surface Mount Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Package	Safety Standard	IF (mA)	VCEO (V)	VECO (V)	Typical Rise/Fall $t_r t_f$ (µs)	Current Transfer Ratio %	Price Each		
									1	100	500
551-PS2501-1	A	DIP-4	UL	80	80	7	3.0/5.0	80 to 600	.51	.46	.44
551-PS2501-2	B	DIP-8	UL	80	80	7	3.0/5.0	80 to 600	.89	.81	.78
551-PS2501-4	C	DIP-16	UL	80	80	7	3.0/5.0	80 to 600	1.67	1.52	1.43
551-PS2501L-1	A	SOP-4	UL	80	80	7	3.0/5.0	80 to 600	.52	.47	.45
551-PS2501L-2	B	SOP-8	UL	80	80	7	3.0/5.0	80 to 600	.90	.82	.79
551-PS2501L-4	C	SOP-16	UL	80	80	7	3.0/5.0	80 to 600	1.68	1.53	1.44
551-PS2502-1	A	DIP-4	UL	80	40	6	100/100	200 to 2000	.58	.53	.42
551-PS2502-2	B	DIP-8	UL	80	40	6	100/100	200 to 2000	1.05	.95	.93
551-PS2502-4	C	DIP-16	UL	80	40	6	100/100	200 to 2000	2.54	2.31	2.22
551-PS2502L-1	A	SOP-4	UL	80	40	6	100/100	200 to 2000	.59	.54	.43
551-PS2502L-2	B	SOP-8	UL	80	40	6	100/100	200 to 2000	1.06	.96	.94
551-PS2502L-4	C	SOP-16	UL	80	40	6	100/100	200 to 2000	2.55	2.32	2.23
551-PS2503-1	D	DIP-4	UL	80	40	0.6	30/30	100 to 400	.85	.77	.66
551-PS2503-2	E	DIP-8	UL	80	40	0.6	30/30	100 to 400	1.45	1.32	1.19
551-PS2503-4	F	DIP-16	UL	80	40	0.6	30/30	100 to 400	2.92	2.65	2.12
551-PS2503L-1	D	SOP-4	UL	80	40	0.6	30/30	100 to 400	.86	.78	.67
551-PS2503L-2	E	SOP-8	UL	80	40	0.6	30/30	100 to 400	1.46	1.33	1.20
551-PS2503L-4	F	SOP-16	UL	80	40	0.6	30/30	100 to 400	2.93	2.66	2.13
551-PS2505-1	J	DIP-4	UL	80	40	7	3.0/5.0	80 to 600	.45	.41	.37
551-PS2505-2	K	DIP-8	UL	80	40	7	3.0/5.0	80 to 600	1.02	.93	.79
551-PS2505-4	L	DIP-16	UL	80	40	7	3.0/5.0	80 to 600	1.89	1.72	1.65
551-PS2505L-1	J	SOP-4	UL	80	40	7	3.0/5.0	80 to 600	.46	.42	.38
551-PS2505L-2	K	SOP-8	UL	80	40	7	3.0/5.0	80 to 600	1.03	.94	.80
551-PS2505L-4	L	SOP-16	UL	80	40	7	3.0/5.0	80 to 600	1.90	1.73	1.66
551-PS2506-1	M	DIP-4	UL	80	40	6	100/100	200 to 2000	.98	.89	.66
551-PS2506-2	N	DIP-8	UL	80	40	6	100/100	200 to 2000	1.75	1.59	1.32
551-PS2506-4	O	DIP-16	UL	80	40	6	100/100	200 to 2000	2.62	2.38	2.31
551-PS2506L-1	M	SOP-4	UL	80	40	6	100/100	200 to 2000	.99	.90	.67
551-PS2506L-4	O	SOP-16	UL	80	40	6	100/100	200 to 2000	2.53	2.39	2.32
551-PS2521-1	A	DIP-4	UL	150	80	6	3.0/5.0	20 to 80	.90	.82	.97
551-PS2521-2	B	DIP-8	UL	150	80	6	3.0/5.0	20 to 80	1.75	1.59	1.48
551-PS2521-4	C	DIP-16	UL	150	80	6	3.0/5.0	20 to 80	3.49	3.17	2.91
551-PS2521L-1	A	SOP-4	UL	150	80	6	3.0/5.0	20 to 80	.91	.83	.78
551-PS2525-1	J	DIP-4	UL	150	80	6	3.0/5.0	20 to 80	1.45	1.32	.99
551-PS2525-2	K	DIP-8	UL	150	80	6	3.0/5.0	20 to 80	2.92	2.65	1.98
551-PS2532-1	G	DIP-4	UL	80	300	6	100/100	1500 to 6500	.80	.73	.60
551-PS2532-2	H	DIP-8	UL	80	300	6	100/100	1500 to 6500	1.61	1.46	1.19
551-PS2532-4	I	DIP-16	UL	80	300	6	100/100	1500 to 6500	3.06	2.78	2.58
551-PS2532L-1	G	SOP-4	UL	80	300	6	100/100	1500 to 6500	.81	.74	.61
551-PS2532L-2	H	SOP-8	UL	80	300	6	100/100	1500 to 6500	1.62	1.47	1.20
551-PS2532L-4	I	SOP-16	UL	80	300	6	100/100	1500 to 6500	3.07	2.79	2.59
551-PS2533-1	G	DIP-4	UL	80	350	6	100/100	1500 to 6500	1.45	1.32	1.26
551-PS2533-4	I	DIP-16	UL	80	350	6	100/100	1500 to 6500	5.82	5.29	5.03
551-PS2533L-1	G	SOP-4	UL	80	350	6	100/100	1500 to 6500	1.46	1.33	1.27
551-PS2533L-2	H	SOP-8	UL	80	350	6	100/100	1500 to 6500	4.35	3.95	2.96
551-PS2533L-4	I	SOP-16	UL	80	350	6	100/00	1500 to 6500	5.83	5.30	5.04
551-PS2561-1	A	DIP-4	UL	80	40	7	3.0/5.0	80 to 400	.95	.86	.79
551-PS2561-2	B	DIP-8	UL	80	40	7	3.0/5.0	80 to 400	.73	.61	.57
551-PS2561-4	C	DIP-16	UL	80	40	7	3.0/5.0	80 to 400	4.86	4.42	3.31
551-PS2561L-1	A	SO-4	UL	80	40	7	3.0/5.0	80 to 400	.45	.41	.34
551-PS2562-1	A	DIP-4	UL	80	40	7	3.0/5.0	80 to 400	.73	.66	.58
551-PS2562-2	B	DIP-8	UL	80	40	6	100/100	200 to 2000	1.31	1.19	1.12
551-PS2562L-1	A	SOP-4	UL	80	40	6	100/100	200 to 2000	.74	.67	.59
551-PS2562L-4	C	SOP-16	UL	80	40	6	100/100	200 to 2000	4.24	3.85	2.89
551-PS2565-1	J	DIP-4	UL	80	40	7	3.0/5.0	80 to 400	.66	.60	.53
551-PS2565-1V	J	DIP-4	UL/VDE	80	40	7	3.0/5.0	80 to 400	1.04	1.02	.98
551-PS2565-2	K	DIP-8	UL	80	40	7	3.0/5.0	80 to 400	1.17	1.06	.99
551-PS2565L-1	J	SOP-4	UL	80	40	7	3.0/5.0	80 to 400	.67	.61	.54
551-PS2565L-2	K	SOP-8	UL	80	40	7	3.0/5.0	80 to 400	1.18	1.07	1.00
551-PS2566L-2	N	SOP-8	UL	80	40	6	100/100	200 to 2000	1.90	1.73	1.60
551-PS2566L-4	O	SOP-16	UL	80	40	6	100/100	200 to 2000	3.80	3.45	3.19



OPTOISOLATORS *Additional product is available on previous page.*



♦ Surface Mount Devices

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Pkg.	Safety Standard	I_F (mA)	V_{CEO} (V)	V_{ECO} (V)	Typical Rise/Fall t_r, t_f (µs)	Current Transfer Ratio %	Price Each 1	100	500
♦	551-PS2601L	A	SOP-6	UL	80	80	7	3.0/5.0	80 to 600	.88	.80	.61
♦	551-PS2607L	B	SOP-6	UL	80	40	6	100/100	200 to 2000	.77	.70	.65
	551-PS2608	C	DIP-6	UL	80	40	6	100/100	200 to 2000	.99	.90	.76
♦	551-PS2608L	C	SOP-6	UL	80	40	6	100/100	200 to 2000	1.00	.91	.77
	551-PS2654-V	D	DIP-6	UL/VDE	80	40	6	3.0/5.0	200 to 2000	.75	.60	.54
♦	551-PS2701-1	E	SOP-4	UL	50	40	6	3.0/5.0	50 to 300	.57	.52	.40
♦	551-PS2701-2	F	SOP-8	UL	50	40	6	3.0/5.0	50 to 300	1.14	1.04	.92
♦	551-PS2701-4	G	SOP-16	UL	50	40	6	3.0/5.0	50 to 300	2.02	1.84	1.67
♦	551-PS2702-1	E	SOP-4	UL	50	40	6	200/200	200 to 2000	.63	.58	.52
♦	551-PS2702-2	F	SOP-8	UL	50	40	6	200/200	200 to 2000	1.27	1.15	1.09
♦	551-PS2702-4	G	SOP-16	UL	50	40	6	200/200	200 to 2000	2.28	2.07	1.96
♦	551-PS2703-1	E	SOP-4	UL	50	120	6	10/10	50 to 400	.73	.67	.46
♦	551-PS2703-2	F	SOP-8	UL	50	120	6	10/10	50 to 400	1.01	.84	.78
♦	551-PS2705-1	H	SOP-4	UL	50	40	6	3.0/5.0	50 to 300	.68	.62	.51
♦	551-PS2705-2	I	SOP-8	UL	50	40	6	3.0/5.0	50 to 300	1.39	1.27	.86
♦	551-PS2705-4	J	SOP-16	UL	50	40	6	3.0/5.0	50 to 300	1.58	1.44	1.38
♦	551-PS2706-1	K	SOP-4	UL	50	40	6	200/200	200 to 2000	.63	.58	.52
♦	551-PS2706-2	L	SOP-8	UL	50	40	6	200/200	200 to 2000	1.49	1.36	1.21
♦	551-PS2706-4	M	SOP-16	UL	50	40	6	200/200	200 to 2000	2.35	1.96	1.82
♦	551-PS2707-1	N	SOP-4	UL	50	120	6	10/10	50 to 400	.72	.66	.58
♦	551-PS2707-2	O	SOP-8	UL	50	120	6	10/10	50 to 400	1.62	1.47	1.38
♦	551-PS2707-4	P	SOP-16	UL	50	120	6	10/10	50 to 400	3.26	2.97	2.76
♦	551-PS2732-1	Q	SOP-4	None	50	300	6	100/100	1500 to 6500	.95	.86	.58
♦	551-PS2732-4	R	SOP-16	None	50	300	6	100/100	1500 to 6500	3.10	2.82	2.36
♦	551-PS2801-1	E	SOP-4	None	50	80	6	3.0/5.0	80 to 600	.83	.76	.63
♦	551-PS2801-4	G	SOP-16	UL	50	80	6	3.0/5.0	80 to 600	2.53	2.30	2.07
♦	551-PS2805-1	H	SOP-4	None	50	80	6	3.0/5.0	80 to 600	1.30	1.19	.89
♦	551-PS2805-4	J	SOP-16	UL	50	80	6	3.0/5.0	80 to 600	2.66	2.42	2.30
♦	551-PS2806-1	K	SOP-4	None	50	40	6	200/200	200 to 2000	.86	.72	.67
♦	551-PS2806-4	M	SOP-16	None	50	40	6	200/200	200 to 2000	2.75	2.50	2.47

PHOTOCOUPLERS

High Speed Digital

	MOUSER STOCK NO.	Fig.	Pkg.	Isolation Voltage (V_{RMS})	Prop. Delay (Typ.)	Forward Current (Max.)	Reverse Voltage (Max.)	Power Dissipation (Max.)	Price Each 1	100	500
	551-PS9601	S	DIP-8	5000	50nS	30mA	5V	60mW	1.91	1.74	1.67
♦	551-PS9701	T	SOP-6	2500	50nS	30mA	5V	85mW	1.96	1.78	1.88

High Speed Analog

MOUSER STOCK NO.	Fig.	Pkg.	Isolation Voltage (V_{RMS})	Prop. Delay (Typ.)	Forward Current (Max.)	Reverse Voltage (Max.)	Power Dissipation (Max.)	Price Each 1	100	500
551-PS8601	U	DIP-8	5000	0.8µS	25mA	5V	100mW	1.52	1.38	1.27
551-PS8602	V	DIP-8	5000	0.8µS	25mA	5V	100mW	1.53	1.39	1.28

Power Transistor Drivers

	MOUSER STOCK NO.	Fig.	Pkg.	Isolation Voltage (V_{RMS})	Prop. Delay (Typ.)	Forward Current (Max.)	Reverse Voltage (Max.)	Power Dissipation (Max.)	Price Each 1	100	500
	551-PS9634	W	DIP-8	5000	3µS	30mA	6V	500mW	1.54	1.28	1.19
♦	551-PS9634L	W	SOP-8	5000	3µS	30mA	6V	500mW	1.96	1.78	1.57

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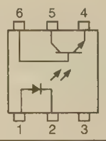

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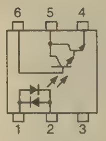

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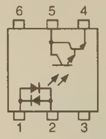

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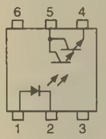

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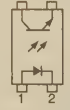

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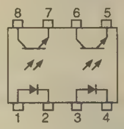

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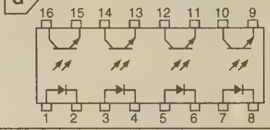

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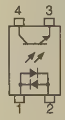

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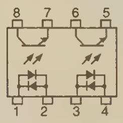

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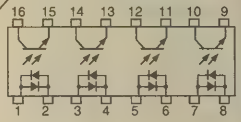

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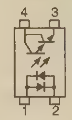

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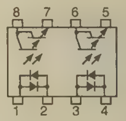

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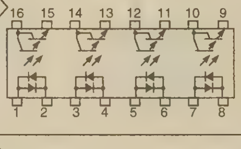

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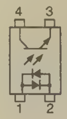

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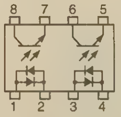

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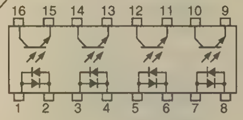

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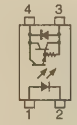

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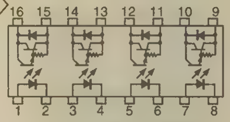

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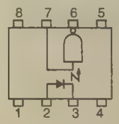

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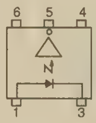

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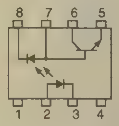

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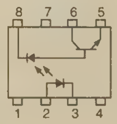

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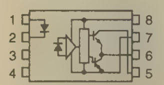
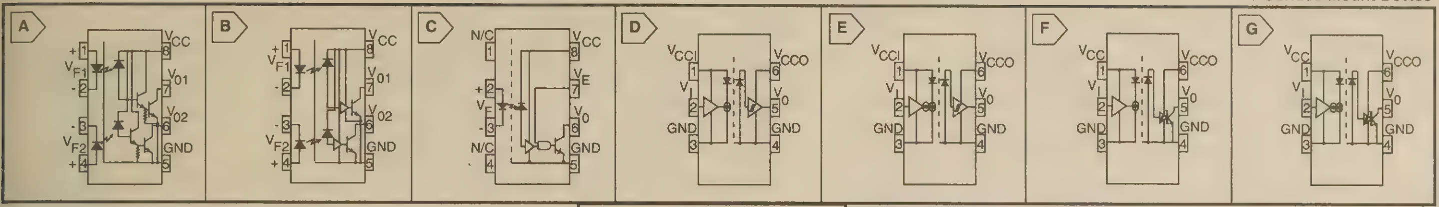


Optoelectronics

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

◆ Surface Mount Device



OPTOCOUPLER PRODUCTS

* UL Recognized

Dual Split Photo Darlington Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	V_{CC} (V)	Typical Rise/Fall (µSEC)	Price Each 1	100	500
* 512	HCPL-2730	A	2.5KV	7.0	20/35	**2.20**	**1.76**	**1.62**
◆* 512	HCPL-2730S	A	2.5KV	7.0	20/35	**2.23**	**1.78**	**1.64**
* 512	HCPL-2731	A	2.5KV	18.0	2/10	**2.25**	**1.80**	**1.66**
◆* 512	HCPL-2731S	A	2.5KV	18.0	2/10	**2.28**	**1.82**	**1.67**

Dual Very High-Speed Logic Gate Output

For quantities greater than listed, call for quote.

* 512	HCPL-2630	B	2.5KV	5.5	.075/.075	**2.75**	**2.20**	**2.02**
◆* 512	HCPL-2630S	B	2.5KV	5.5	.075/.075	**2.78**	**2.22**	**2.04**
* 512	HCPL-2631	B	2.5KV	5.5	.075/.075	**3.00**	**2.40**	**2.21**
◆* 512	HCPL-2631S	B	2.5KV	5.5	.075/.075	**3.03**	**2.42**	**2.23**

Very High-Speed Logic Gate Output

For quantities greater than listed, call for quote.

* 512	6N137	C	2.5KV	5.5	.075/.075	**1.10**	**.88**	**.81**
◆* 512	6N137S	C	2.5KV	5.5	.075/.075	**1.13**	**.90**	**.83**
* 512	HCPL-2601	C	2.5KV	5.5	.075/.075	**1.73**	**1.38**	**1.27**
◆* 512	HCPL-2601S	C	2.5KV	5.5	.075/.075	**1.75**	**1.40**	**1.29**

High-Speed Logic-to-Logic (Optologic™)

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	V_{OL} (V)	Typical Rise/Fall (µSEC)	Price Each 1	100	500
* 512	74OL6000	D	5.3KV	0.6	0.1/0.1	**3.13**	**2.50**	**2.30**
◆* 512	74OL6000S	D	5.3KV	0.6	0.1/0.1	**3.15**	**2.52**	**2.32**
* 512	74OL6001	E	5.3KV	0.6	0.1/0.1	**3.13**	**2.50**	**2.30**
◆* 512	74OL6001S	E	5.3KV	0.6	0.1/0.1	**3.15**	**2.52**	**2.32**
* 512	74OL6010	F	5.3KV	0.6	0.12/0.18	**3.13**	**2.50**	**2.30**
◆* 512	74OL6010S	F	5.3KV	0.6	0.12/0.18	**3.15**	**2.52**	**2.32**
* 512	74OL6011	G	5.3KV	0.6	0.12/0.18	**3.13**	**2.50**	**2.30**
◆* 512	74OL6011S	G	5.3KV	0.6	0.12/0.18	**3.15**	**2.52**	**2.32**

Photo SCR Output

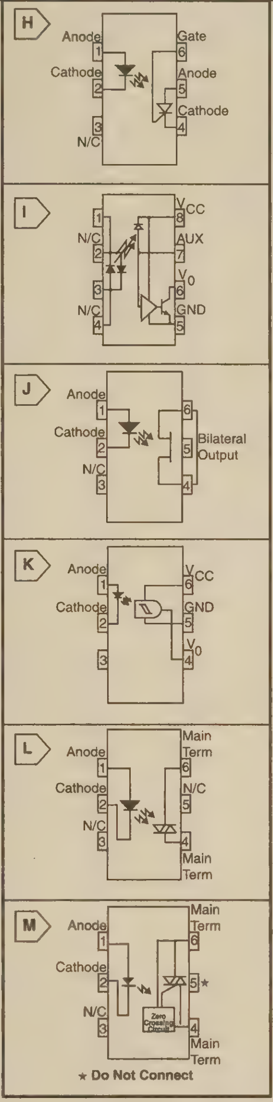
For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	Blocking Voltage	Typical t_{on} (µSEC)	Price Each 1	100	500
* 512	4N39	H	5.3KV	200.0	1.0	**1.00**	**.80**	**.74**
◆* 512	4N39S	H	5.3KV	200.0	1.0	**1.03**	**.82**	**.75**
* 512	4N40	H	5.3KV	200.0	1.0	**1.13**	**.90**	**.83**
◆* 512	4N40S	H	5.3KV	200.0	1.0	**1.18**	**.94**	**.86**
* 512	H11C1	H	5.3KV	200.0	50	**1.00**	**.80**	**.74**
* 512	H11C2	H	5.3KV	200.0	50	**.95**	**.76**	**.70**
* 512	H11C3	H	5.3KV	200.0	50	**.90**	**.72**	**.66**
* 512	H11C4	H	5.3KV	400.0	50	**1.05**	**.84**	**.77**
* 512	H11C5	H	5.3KV	400.0	50	**1.00**	**.80**	**.74**
* 512	H11C6	H	5.3KV	400.0	50	**.95**	**.76**	**.70**

AC Line Monitor Logic-Out

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (mSEC)	Price Each 1	100	500
* 512	MID400	I	2.5KV	5.5	1.0/1.0	**3.13**	**2.50**	**2.30**



★ Do Not Connect

Bilateral Analog FET Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	V_{BR} (V)	Typical t_{on}/t_{off} (µSEC)	Price Each 1	100	500
* 512	H11F1	J	5.3KV	30.0	25/25	**3.13**	**2.50**	**2.30**
◆* 512	H11F1S	J	5.3KV	30.0	25/25	**3.15**	**2.52**	**2.32**
* 512	H11F2	J	5.3KV	30.0	25/25	**2.75**	**2.20**	**2.02**
◆* 512	H11F2S	J	5.3KV	30.0	25/25	**2.78**	**2.22**	**2.04**
* 512	H11F3	J	5.3KV	15.0	25/25	**1.75**	**1.40**	**1.29**
◆* 512	H11F3S	J	5.3KV	15.0	25/25	**1.78**	**1.42**	**1.31**

Schmitt Trigger Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	V_{CC} (V)	Typical t_{on}/t_{off} (µSEC)	Price Each 1	100	500
* 512	H11L1M	K	5.3KV	15.0	1.0/2.0	**.90**	**.72**	**.66**
◆* 512	H11L1SM	K	5.3KV	15.0	1.0/2.0	**.93**	**.74**	**.68**
* 512	H11L2M	K	5.3KV	15.0	1.0/2.0	**.75**	**.60**	**.55**
◆* 512	H11L2SM	K	5.3KV	15.0	1.0/2.0	**.78**	**.62**	**.57**
* 512	H11L3M	K	5.3KV	15.0	1.0/2.0	**.88**	**.70**	**.64**
◆* 512	H11L3SM	K	5.3KV	15.0	1.0/2.0	**.90**	**.72**	**.66**
* 512	H11N1M	K	5.3KV	15.0	0.3/0.3	**5.63**	**4.50**	**4.14**
* 512	H11N3	K	5.3KV	15.0	0.3/0.3	**3.13**	**2.50**	**2.30**

Non-Zero-Crossing Triac Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	Blocking Voltage (V) Max.	Holding Current (ma)	Price Each 1	100	500
* 512	MOC3010M	L	5.3KV	250.0	100	**.53**	**.42**	**.39**
◆* 512	MOC3010SM	L	5.3KV	250.0	100	**.55**	**.44**	**.40**
* 512	MOC3011M	L	5.3KV	250.0	100	**.58**	**.46**	**.42**
◆* 512	MOC3011SM	L	5.3KV	250.0	100	**.60**	**.48**	**.44**
* 512	MOC3012M	L	5.3KV	250.0	100	**.60**	**.48**	**.44**
◆* 512	MOC3012SM	L	5.3KV	250.0	100	**.63**	**.50**	**.46**
* 512	MOC3020M	L	5.3KV	400.0	100	**.53**	**.42**	**.39**
◆* 512	MOC3020SM	L	5.3KV	400.0	100	**.55**	**.44**	**.40**
* 512	MOC3021	L	5.3KV	400.0	100	**.53**	**.42**	**.39**
◆* 512	MOC3021SM	L	5.3KV	400.0	100	**.55**	**.44**	**.40**
* 512	MOC3022	L	5.3KV	400.0	100	**.60**	**.48**	**.44**
◆* 512	MOC3022SM	L	5.3KV	400.0	100	**.63**	**.50**	**.46**
* 512	MOC3023M	L	5.3KV	400.0	100	**.65**	**.52**	**.48**
◆* 512	MOC3023SM	L	5.3KV	400.0	100	**.68**	**.54**	**.50**

Zero-Crossing Triac Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Isolation Voltage (VRMS)	Blocking Voltage (V) Max.	LED Trigger Current (ma) Max.	Price Each 1	100	500
* 512	MOC3031M	M	5.3KV	250.0	15.0	**.88**	**.70**	**.64**
◆* 512	MOC3031SM	M	5.3KV	250.0	15.0	**.90**	**.72**	**.66**
* 512	MOC3032M	M	5.3KV	250.0	10.0	**.90**	**.72**	**.66**
◆* 512	MOC3032SM	M	5.3KV	250.0	10.0	**.93**	**.74**	**.68**
* 512	MOC3033M	M	5.3KV	250.0	5.0	**.93**	**.74**	**.68**
◆* 512	MOC3033SM	M	5.3KV	250.0	5.0	**.95**	**.76**	**.70**
* 512	MOC3041M	M	5.3KV	400.0	15.0	**.90**	**.72**	**.66**
◆* 512	MOC3041SM	M	5.3KV	400.0	15.0	**.93**	**.74**	**.68**
* 512	MOC3042M	M	5.3KV	400.0	10.0	**.93**	**.74**	**.68**
◆* 512	MOC3042SM	M	5.3KV	400.0	10.0	**.95**	**.76**	**.70**
* 512	MOC3043M	M	5.3KV	400.0	5.0	**.95**	**.76**	**.70**
◆* 512	MOC3043SM	M	5.3KV	400.0	5.0	**.98**	**.78**	**.72**

INFRARED INTERRUPTER SWITCHES

Photo Transistor

For quantities greater than listed, call for quote.

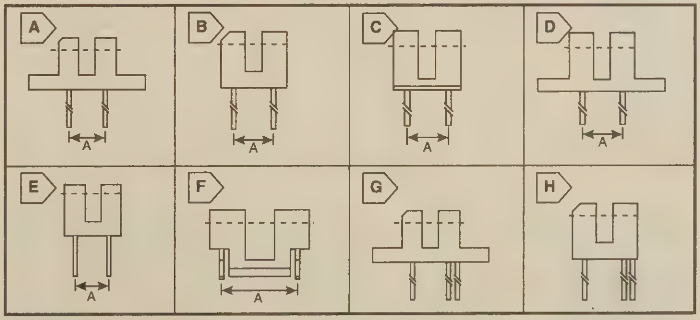
MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Dim. A	Aperture Width (In.) LED/Sensor	Min I_C On @ 20mA/5V	BV CEO (V)	Price Each 1	100	500
512	H21A1	A	.284	.035 / .035	1.0mA	30	**.85**	**.68**	**.63**
512	H21A2	A	.284	.035 / .035	2.0mA	30	**.90**	**.72**	**.66**
512	H22A1	B	.284	.035 / .035	1.0mA	30	**.85**	**.68**	**.63**
512	H22A2	B	.284	.035 / .035	2.0mA	30	**.90**	**.72**	**.66**
512	QVA11134	C	.220	.050 / .050	1.0mA	30	**1.13**	**.90**	**.83**
512	QVA11234	C	.300	.050 / .050	1.0mA	30	**1.13**	**.90**	**.83**
512	QVA11334	C	.320	.050 / .050	1.0mA	30	**1.13**	**.90**	**.83**
512	QVB11134	D	.220	.050 / .050	1.0mA	30	**1.13**	**.90**	**.83**
512	QVB11234	D	.300	.050 / .050	1.0mA	30	**1.13**	**.90**	**.83**
512	QVB11334	D	.320	.050 / .050	1.0mA	30	**1.13**	**.90**	**.83**
512	QVE11233	E	.300	.080 / .080	0.5mA	30	**.90**	**.72**	**.66**

Photo Darlington

*@ 5mA/1.5V

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Dim. A	Aperture Width (In.) LED/Sensor	Min I_C On @10mA/1.5V	BV CEO (V)	Price Each 1	100	500
512	H21B1	A	.284	.035 / .035	7.5mA	30	**1.10**	**.88**	**.81**
512	H21B2	A	.284	.035 / .035	14.0mA	30	**1.18**	**.94**	**.86**
512	H21B3	A	.284	.035 / .035	25.0mA	30	**1.25**	**1.00**	**.92**
512	H21B4	A	.284	.035 / .035	7.5mA	55	**1.45**	**1.16**	**1.07**
512	H22B1	B	.284	.035 / .035	14.0mA	30	**1.10**	**.88**	**.81**
512	H22B2	B	.284	.035 / .035	25.0mA	30	**1.18**	**.94**	**.86**
512	QCK4	F	.400	N/A	*10.0mA	30	**1.75**	**1.40**	**1.29**



Optologic™

- Operating supply voltage: 4.5V to 16.0V

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Industry No.	Fig.	Hysteresis Ratio Typ. $I_F(+)/I_F(-)$	Threshold Current Turn On	Turn Off	Price Each 1	100	500
512	H21LOI	G	1.2	15mA	0.5mA	**1.63**	**1.30**	**1.20**
512	H21LOB	G	1.2	15mA	0.5mA	**1.63**	**1.30**	**1.20**
512	H22LOI	H	1.2	15mA	0.5mA	**1.63**	**1.30**	**1.20**
512	H22LOB	H	1.2	15mA	0.5mA	**1.63**	**1.30**	**1.20**

✱UL Recognized
✱✱UL Recognized & VDE Approved

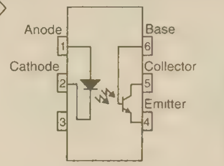
QT OPTOELECTRONICS

Optocoupler Products

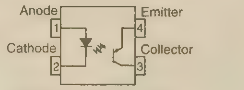
Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

◆ Surface Mount Device

A

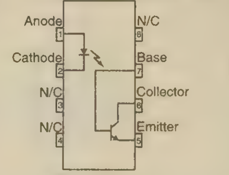

Anode
Cathode
1
2
3
Base
6
Collector
5
Emitter
4

B


Anode
Cathode
1
2
Emitter
4
Collector
3

MCT4 and MCT4R are in a 4 pin TO-18 package

C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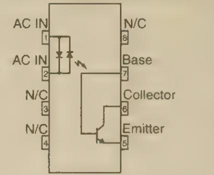
Cathode
2
N/C
3
N/C
4
N/C
8
Base
7
Collector
6
Emitter
5

D


AC IN
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AC IN
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N/C
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N/C
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Base
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Collector
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Emitter
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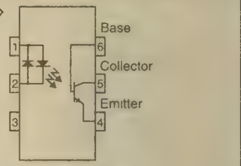
E


1
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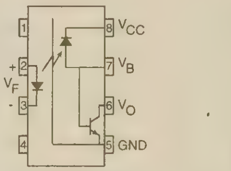
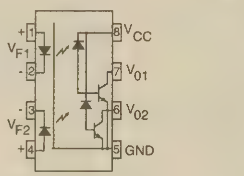
Collector
5
Emitter
4

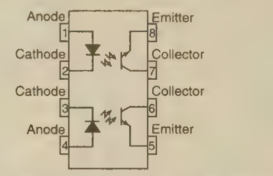
F


1
+ 2
V_F
- 3
4
8 V_{CC}
7 V_B
6 V_O
5 GND

G


+ 1
V_{F1}
- 2
- 3
V_{F2}
+ 4
8 V_{CC}
7 V_{01}
6 V_{02}
5 GND

H


Anode
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Cathode
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Cathode
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Anode
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Emitter
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Collector
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Collector
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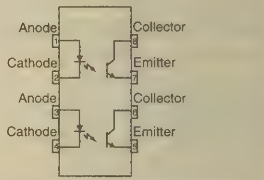
I


Anode
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Cathode
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Collector
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Emitter
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Collector
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Emitter
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PHOTO TRANSISTOR OUTPUT

For quantities greater than listed, call for quote.

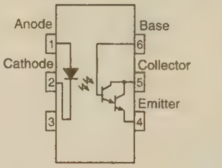
	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr. Industry No.					1	100	500
✱	512-4N25	A	5.3KV	30.0	3/3	.30	.24	.22
◆✱	512-4N25S	A	5.3KV	30.0	3/3	.33	.26	.24
✱	512-4N26	A	5.3KV	30.0	3/3	.30	.24	.22
◆✱	512-4N26S	A	5.3KV	30.0	3/3	.33	.26	.24
✱	512-4N27	A	5.3KV	30.0	3/3	.30	.24	.22
◆✱	512-4N27S	A	5.3KV	30.0	3/3	.33	.26	.24
✱	512-4N28	A	5.3KV	30.0	3/3	.30	.24	.22
◆✱	512-4N28S	A	5.3KV	30.0	3/3	.33	.26	.24
✱	512-4N35	A	5.3KV	30.0	5/5	.30	.24	.22
◆✱	512-4N35S	A	5.3KV	30.0	5/5	.33	.26	.24
✱	512-4N36	A	5.3KV	30.0	5/5	.30	.24	.22
◆✱	512-4N36S	A	5.3KV	30.0	5/5	.33	.26	.24
✱	512-4N37	A	5.3KV	30.0	5/5	.30	.24	.22
◆✱	512-4N37S	A	5.3KV	30.0	5/5	.33	.26	.24
✱✱	512-CNW11AV-23	A	4.0KV	70.0	15/15	.93	.74	.68
✱	512-CNY17-1	A	5.3KV	70.0	10/10	.33	.26	.24
✱✱	512-CNY17-13	A	5.3KV	70.0	10/10	.35	.28	.26
✱	512-CNY17-2	A	5.3KV	70.0	10/10	.33	.26	.24
✱✱	512-CNY17-23	A	5.3KV	70.0	10/10	.35	.28	.26
✱	512-CNY17-3	A	5.3KV	70.0	10/10	.33	.26	.24
✱✱	512-CNY17-33	A	5.3KV	70.0	10/10	.35	.28	.26
✱	512-CNY17-4	A	5.3KV	70.0	10/10	.33	.26	.24
✱✱	512-CNY17-43	A	5.3KV	70.0	10/10	.35	.28	.26
✱	512-H11A1	A	5.3KV	30.0	2/2	.38	.30	.28
✱✱	512-H11A13	A	5.3KV	30.0	2/2	.40	.32	.29
✱	512-H11A2	A	5.3KV	30.0	2/2	.38	.30	.28
✱	512-H11A3	A	5.3KV	30.0	2/2	.38	.30	.28
✱	512-H11A4	A	5.3KV	30.0	2/2	.38	.30	.28
✱	512-H11A5	A	5.3KV	30.0	2/2	.43	.34	.31
✱	512-H11AA1	E	5.3KV	30.0	5/5	.53	.42	.39
✱	512-H11AA2	E	5.3KV	30.0	5/5	.55	.44	.40
✱	512-H11AA3	E	5.3KV	30.0	5/5	.60	.48	.44
✱	512-H11AA4	E	5.3KV	30.0	5/5	.63	.50	.46
✱	512-H11AG1	A	5.3KV	30.0	5/5	.75	.60	.55
✱	512-H24A1	K	5.3KV	30.0	9/4	2.35	1.88	1.73
✱	512-H24A2	K	5.3KV	30.0	9/4	2.15	1.72	1.58
✱	512-MCT2	A	5.3KV	30.0	10/10	.30	.24	.22
✱	512-MCT210	A	5.3KV	30.0	5/5	.53	.42	.39
✱✱	512-MCT22003	A	5.3KV	30.0	10/10	.45	.36	.33
✱	512-MCT271	A	5.3KV	30.0	7/7	.45	.36	.33
✱	512-MCT2E	A	5.3KV	30.0	5/5	.35	.28	.26
	512-MCT4	B	1.0KVDC	30.0	2/2	13.75	11.00	10.12
	512-MCT4R	B	1.0KVDC	30.0	2/2	26.25	21.00	19.32
✱	512-MCT5201	A	5.3KV	30.0	30/13	.90	.72	.66
✱	512-MCT5210	A	5.3KV	30.0	10/10	.93	.74	.68
✱	512-MOC205M	C	3.0KV	70.0	1.6/2.2	.55	.44	.40
◆✱	512-MOC206M	C	3.0KV	70.0	1.6/2.2	.55	.44	.40
◆✱	512-MOC207M	C	3.0KV	70.0	1.6/2.2	.55	.44	.40
◆✱	512-MOC208M	C	3.0KV	70.0	1.6/2.2	.53	.42	.39
◆✱	512-MOC211M	C	3.0KV	30.0	3.2/4.7	.53	.42	.39
◆✱	512-MOC212M	C	3.0KV	30.0	3.2/4.7	.53	.42	.39
◆✱	512-MOC213M	C	3.0KV	30.0	3.2/4.7	.53	.42	.39
◆✱	512-MOC215M	C	3.0KV	30.0	3.2/4.7	.60	.48	.44
◆✱	512-MOC216M	C	3.0KV	30.0	3.2/4.7	.63	.50	.46
◆✱	512-MOC217M	C	3.0KV	30.0	3.2/4.7	.65	.52	.48
◆✱	512-MOC256M	D	3.0KV	30.0	- / -	.85	.68	.61
◆✱	512-TIL111	A	5.3KV	30.0	10/10	.30	.24	.22

HIGH VOLTAGE PHOTO TRANSISTOR OUTPUT

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	BV CEO (V)	Typical Rise/Fall (μSEC)	Price Each		
	Mfr. Industry No.					1	100	500
✱	512-4N38	A	5.3KV	80.0	5/5	.63	.50	.46
◆✱	512-4N38S	A	5.3KV	80.0	5/5	.65	.52	.48
✱	512-H11D1	A	5.3KV	300.0	5/5	.68	.54	.50
◆✱	512-H11D1S	A	5.3KV	300.0	5/5	.70	.56	.52
✱✱	512-H11D13	A	5.3KV	300.0	5/5	.70	.56	.52
✱	512-H11D2	A	5.3KV	300.0	5/5	.68	.54	.50
◆✱	512-H11D2S	A	5.3KV	300.0	5/5	.70	.56	.52
✱✱	512-H11D23	A	5.3KV	300.0	5/5	.70	.56	.52
✱	512-H11D3	A	5.3KV	200.0	5/5	.63	.50	.46
◆✱	512-H11D3S	A	5.3KV	200.0	5/5	.65	.52	.48

J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Cathode
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Base
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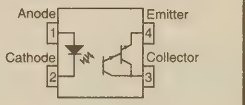
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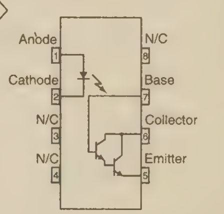
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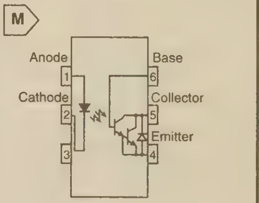
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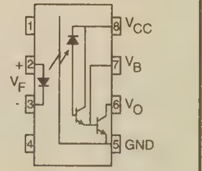
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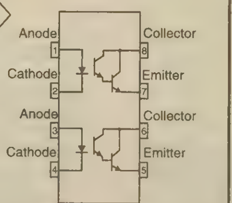
8 V_{CC}
7 V_B
6 V_O
5 GND

O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HIGH-SPEED PHOTO TRANSISTOR OUTPUT

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	V_{CC} (V) Max.	Typical Rise/Fall (μSEC)	Price Each		
	Mfr. Industry No.					1	100	500
✱	512-6N135	F	2.5KV	15.0	1.5/1.5	.90	.72	.66
◆✱	512-6N135S	F	2.5KV	15.0	1.5/1.5	.93	.74	.68
✱	512-6N136	F	2.5KV	15.0	0.8/0.8	.93	.74	.68
◆✱	512-6N136S	F	2.5KV	15.0	0.8/0.8	.95	.76	.70
✱	512-HCPL-2503	F	2.5KV	15.0	0.8/0.8	1.10	.88	.81

DUAL HIGH-SPEED PHOTO TRANSISTOR OUTPUT

For quantities greater than listed, call for quote.

✱	512-HCPL-2530	G	2.5KV	15.0	1.5/1.5	1.85	1.48	1.36
◆✱	512-HCPL-2530S	G	2.5KV	15.0	1.5/1.5	1.88	1.50	1.38
✱	512-HCPL-2531	G	2.5KV	15.0	0.8/0.8	2.00	1.70	1.56
◆✱	512-HCPL-2531S	G	2.5KV	15.0	0.8/0.8	2.15	1.72	1.58

DUAL PHOTO TRANSISTOR OUTPUT

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	BV CEO (V) Min.	Typical Rise/Fall (μSEC)	Price Each		
	Mfr. Industry No.					1	100	500
✱	512-MCT6	H	5.3KV	30.0	5/15	.59	.50	.46
◆✱	512-MCT6S	H	5.3KV	30.0	5/15	.65	.52	.48
✱	512-MCT61	H	5.3KV	30.0	5/15	.65	.52	.48
◆✱	512-MCT61S	H	5.3KV	30.0	5/15	.68	.54	.50
✱	512-MCT62	H	5.3KV	30.0	5/15	.68	.54	.50
◆✱	512-MCT62S	H	5.3KV	30.0	5/15	.70	.56	.52
◆✱	512-MOCD207M	I	3.0KV	70.0	1.6/2.2	.88	.70	.64
◆✱	512-MOCD208M	I	3.0KV	70.0	1.6/2.2	.88	.70	.64
◆✱	512-MOCD211M	I	3.0KV	30.0	3.2/4.7	.88	.70	.64
◆✱	512-MOCD213M	I	3.0KV	70.0	1.6/2.2	.85	.68	.63
◆✱	512-MOCD217M	I	3.0KV	30.0	3.2/4.7	.90	.72	.66

PHOTO DARLINGTON OUTPUT

For quantities greater than listed, call for quote.

✱	512-4N29	J	5.3KV	30.0	5/40	.30	.24	.22
◆✱	512-4N29S	J	5.3KV	30.0	5/40	.33	.26	.24
✱	512-4N30	J	5.3KV	30.0	5/40	.30	.24	.22
◆✱	512-4N30S	J	5.3KV	30.0	5/40	.33	.26	.24
✱	512-4N31	J	5.3KV	30.0	5/40	.30	.24	.22
◆✱	512-4N31S	J	5.3KV	30.0	5/40	.33	.26	.24
✱	512-4N32	J	5.3KV	30.0	5/100	.30	.24	.22
◆✱	512-4N32S	J	5.3KV	30.0	5/100	.33	.26	.24
✱	512-4N33	J	5.3KV	30.0	5/100	.30	.24	.22
◆✱	512-4N33S	J	5.3KV	30.0	5/100	.33	.26	.24
✱	512-H11B1	J	5.3KV	25.0	125/100	.38	.30	.28
✱	512-H11B2	J	5.3KV	25.0	125/100	.40	.32	.29
✱	512-H11B255	J	5.3KV	55.0	125/100	.45	.36	.33
✱	512-H11B3	J	5.3KV	25.0	125/100	.38	.30	.28
✱	512-H24B1	K	3.75KV	30.0	100/60	3.50	2.80	2.58
◆✱	512-MOC223M	L	3.0KV	30.0	1.0/2.0	.58	.46	.42

HIGH VOLTAGE PHOTO DARLINGTON OUTPUT

For quantities greater than listed, call for quote.

✱	512-H11G1	M	5.3KV	100.0	5/100	.60	.48	.44
✱	512-H11G2	M	5.3KV	80.0	5/100	.58	.46	.42
✱	512-H11G3	M	5.3KV	55.0	5/100	.55	.44	.40

HIGH GAIN SPLIT PHOTO DARLINGTON OUTPUT

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	V_{CC} (V) Max.	Typical Rise/Fall (μSEC)	Price Each		
	Mfr. Industry No.					1	100	500
✱	512-6N138	N	2.5KV	7.0	10/35	1.00	.80	.74
◆✱	512-6N138S	N	2.5KV	7.0	10/35	1.03	.82	.75
✱	512-6N139	N	2.5KV	18.0	25/60	1.10	.88	.81
◆✱	512-6N139S	N	2.5KV	18.0	25/60	1.13	.90	.83

DUAL PHOTO DARLINGTON OUTPUT

For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Isolation Voltage (VRMS)	BV CEO (V) Min.	Typical Rise/Fall (μSEC)	Price Each		
	Mfr. Industry No.					1	100	500
◆✱	512-MOCD223M	O	3.0KV	30.0	1.0/2.0	.88	.70	.64

QT OPTOELECTRONICS Optoelectronic Products

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

INFRARED EMITTING DIODES AND PHOTO DETECTORS

Infrared Emitting Diodes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Min. Power Output	Max. Fwd Volt	Peak Emission Wave-Length	Beam Angle +/-	Price Each		
Mfr. Industry No.						1	100	500
512-1N6264	A	6mW	1.7V	940	10	2.00	1.60	1.47
512-1N6265	B	6mW	1.7V	940	40	2.00	1.60	1.47
512-1N6266	A	25mW/sr	1.7V	940	10	2.70	2.16	1.99
512-CQX14	A	5.40mW	1.7V	940	10	1.83	1.46	1.34
512-CQX15	B	5.40mW	1.7V	940	40	1.83	1.46	1.34
512-F5D1	A	12mW	1.7V	880	10	2.05	1.64	1.51
512-F5D2	A	9mW	1.7V	880	10	1.90	1.52	1.40
512-F5D3	A	10.5mW	1.7V	880	10	1.95	1.56	1.44
512-F5E1	B	12mW	1.7V	880	40	2.05	1.64	1.51
512-F5E2	B	9mW	1.7V	880	40	1.90	1.52	1.40
512-F5E3	B	10.5mW	1.7V	880	40	1.95	1.56	1.44
512-F5F1	C	0.28mW/sr	1.7V	940	35	.25	.20	.18
512-LED55B	A	3.50mW	1.7V	940	10	1.80	1.44	1.32
512-LED55C	A	5.40mW	1.7V	940	10	1.85	1.48	1.36
512-LED56	A	1.50mW	1.7V	940	10	1.75	1.40	1.29
512-LED55BF	B	3.50mW	1.7V	940	40	1.80	1.44	1.32
512-LED55CF	B	5.40mW	1.7V	940	40	1.85	1.48	1.36
512-LED56F	B	1.50mW	1.7V	940	40	1.75	1.40	1.29
512-QEC113	D	14mW/sr	1.5V	940	8	.33	.26	.24
512-QED123	E	80mW/sr	1.7V	880	9	.43	.34	.31
512-QED222	E	16mW/sr	1.7V	880	20	.40	.32	.29
512-QED223	E	25mW/sr	1.7V	880	20	.43	.34	.31
512-QED233	E	10mW/sr	1.5V	940	20	.33	.26	.24
512-QED234	E	27mW/sr	1.5V	940	20	.35	.28	.26
512-QED423	F	18mW/sr	1.7V	880	35	.60	.48	.44
512-QED522	F	20mW/sr	1.7V	880	15	.58	.46	.42
512-QED523	F	40mW/sr	1.7V	880	15	.60	.48	.44
512-QEE113	G	3mW/sr	1.5V	940	25	.25	.20	.18
512-QEE123	G	8mW/sr	1.5V	880	25	.38	.30	.28

Photo Detectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	On-State Collector Current	BV CEO (V)	I_{CEO} VCC /nA (max.)	Price Each		
Mfr. Industry No.					1	100	500
Photo Transistors							
512-BPW36	H	6.0	45	10 / 100	1.80	1.44	1.32
512-BPW37	H	3.0	45	10 / 100	1.75	1.40	1.29
512-L14C1	I	1.0	45	20 / 100	1.70	1.36	1.25
512-L14C2	I	0.5	45	20 / 100	1.65	1.32	1.21
512-L14G1	H	6.0	45	10 / 100	1.70	1.36	1.25
512-L14G2	H	3.0	45	10 / 100	1.65	1.32	1.21
512-L14G3	H	12.0	45	10 / 100	1.75	1.40	1.29
512-L14N1	I	3.0	30	10 / 100	1.70	1.36	1.25
512-L14N2	I	6.0	30	10 / 100	1.75	1.40	1.29
512-L14P1	H	4.0	30	10 / 100	1.80	1.44	1.32
512-L14P2	H	8.0	30	10 / 100	1.85	1.48	1.36
512-L14Q1	C	1.0	30	25 / 100	.28	.22	.20
512-QSC112	D	1.0	30	10 / 100	.28	.22	.20
512-QSC113	D	2.4	30	10 / 100	.30	.24	.22
512-QSC114	D	4.0	30	10 / 100	.35	.28	.26
512-QSD122	E	1.0	30	10 / 100	.35	.28	.26
512-QSD123	E	4.0	30	10 / 100	.38	.30	.28
512-QSD124	E	6.0	30	10 / 100	.40	.32	.29
512-QSD423	F	1.2	30	10 / 100	.60	.48	.44
512-QSD722	J	0.6	30	10 / 100	.35	.28	.26
512-QSD723	J	2.5	30	10 / 100	.40	.32	.29
512-QSD724	J	3.5	30	10 / 100	.43	.34	.31
512-QSE113	G	0.25	30	10 / 100	.25	.20	.18
512-QSE114	G	1.0	30	10 / 100	.28	.22	.20
Photo Darlington							
512-BPW38	H	3.0	25	12 / 100	2.13	1.70	1.56
512-L14F1	H	3.0	25	12 / 100	2.08	1.66	1.53
512-L14F2	H	1.0	25	12 / 100	1.93	1.54	1.42
512-L14R1	C	5.0	30	25 / 100	.38	.30	.28

OPTOLOGIC™ PHOTOSENSORS

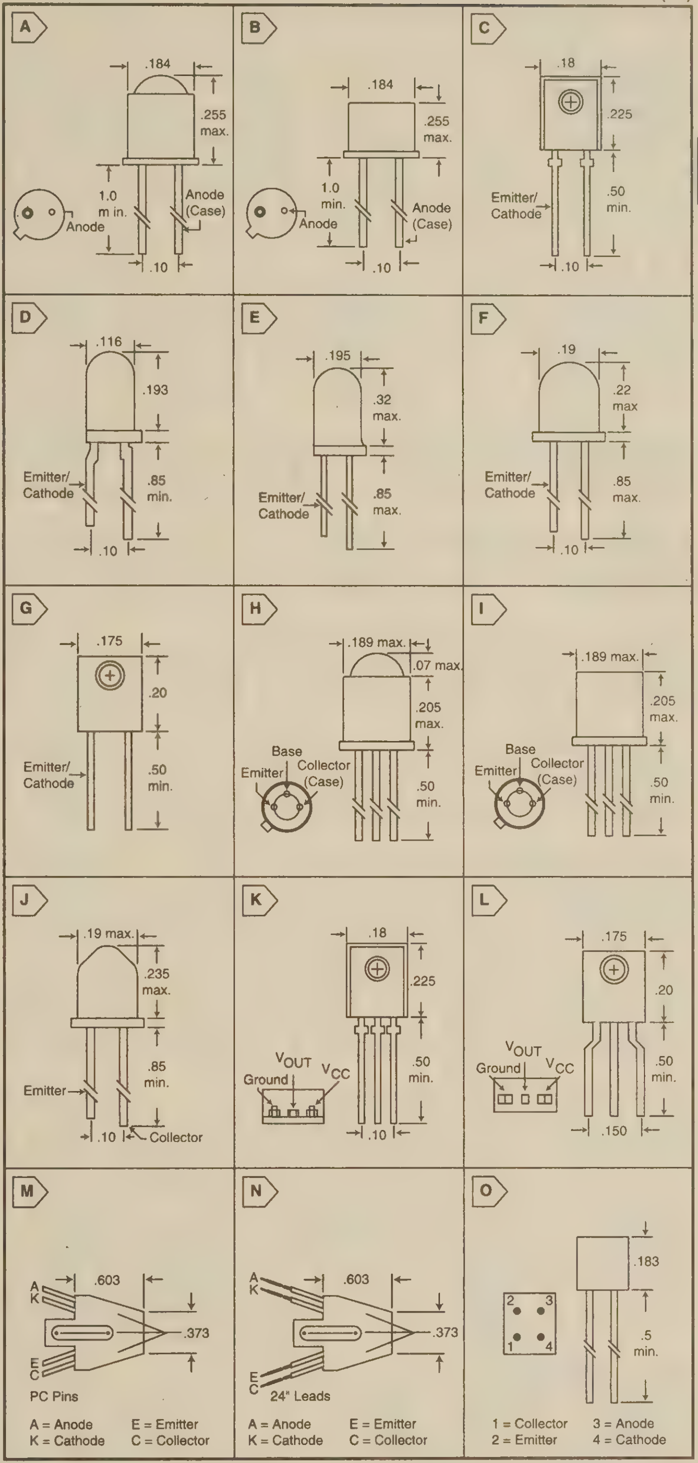
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positive Threshold mw/cm²	Function	V_{CC} (V)	Price Each		
Mfr. Industry No.					1	100	500
512-L14LOB	K	.250	Buff O/C	4.5-16.0	.73	.58	.53
512-L14LOI	K	.250	Inv O/C	4.5-16.0	.73	.58	.53
512-QSE156	L	.250	Buff T/P	4.5-16.0	.78	.62	.57
512-QSE157	L	.250	Inv T/P	4.5-16.0	.78	.62	.57
512-QSE158	L	.250	Buff O/C	4.5-16.0	.78	.62	.57
512-QSE159	L	.250	Inv O/C	4.5-16.0	.78	.62	.57

REFLECTIVE PHOTOSENSORS Photo Transistor Output

MOUSER STOCK NO.	Fig.	On-State Collector Current	I_F/VCE	BV CEO (V)	Price Each		
Mfr. Industry No.					1	100	500
512-QRB1114	M	.60mA	40mA/5V	30	1.30	1.04	.96
512-QRB1134	N	.60mA	40mA/5V	30	2.33	1.86	1.71
512-QRD1114	O	1.0mA	20mA/5V	30	1.13	.90	.83

DIMENSIONS (IN.)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C
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.225
Emitter/ Cathode
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.10
D
.116
.193
Emitter/ Cathode
.85 min.
.10
E
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.32 max.
Emitter/ Cathode
.85 max.
F
.19
.22 max
Emitter/ Cathode
.85 max.
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G
.175
.20
Emitter/ Cathode
.50 min.
H
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.07 max.
.205 max.
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Emitter
Collector (Case)
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I
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.205 max.
Base
Emitter
Collector (Case)
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J
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Emitter
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Collector
K
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C = Collector
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C
24" Leads
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E = Emitter
C = Collector
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2
3
1
4
.5 min.
1 = Collector
2 = Emitter
3 = Anode
4 = Cathode

MATCHED EMITTER / DETECTOR PAIRS

- Emitter color: black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	I_C (On) (mA) min.	I_F / V_{CE}	Detector Stripe Color	BV CEO (V)	Price Each		
Mfr. Industry No.						1	100	500
Photo Transistor / LED Pairs								
512-H23A1	C	1.5	30mA / 5V	Red	30	.70	.56	.52
Photo Darlington / LED Pairs								
512-H23B1	C	7.5	10mA / 1.5V	Yellow	30	.85	.68	.63

Optologic™/ LED Pairs

- Emitter: Figure C
- Detector: Figure K
- Operating supply voltage: 4.0V to 16.0V

MOUSER STOCK NO.	Fig.	Hysteresis Ratio (Typ) IF(+)/IF(-)	Positive Threshold		Price Each		
Mfr. Industry No.			Turn On	Turn Off	1	100	500
512-H23LOB	C/K	1.2	10mA	7.5mA	1.18	.94	.86
512-H23LOI	C/K	1.2	10mA	7.5mA	1.18	.94	.86

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

SURFACE MOUNT LED LAMPS

◆ Surface Mount Device

1206 Size SMD LED Lamps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length λp (nm)	Viewing Angle (Deg)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
◆512-QTLP650C2	A	Hi-Eff Red	Water Clear	2.0	2.8	3.6	6.0	635	140°	.23	.18	.17
◆512-QTLP650C3	A	Yellow	Water Clear	2.0	2.8	3.6	6.0	585	140°	.23	.18	.17
◆512-QTLP650C4	A	Green	Water Clear	2.0	2.8	6.0	10.0	565	140°	.23	.18	.17
◆512-QTLP650D2	A	Hi-Eff Red	Red Diff.	2.0	2.8	2.4	4.0	635	160°	.23	.18	.17
◆512-QTLP650D3	A	Yellow	Yellow Diff.	2.0	2.8	2.4	4.0	585	160°	.25	.20	.18
◆512-QTLP650D4	A	Green	Green Diff.	2.1	2.8	4.0	6.0	565	160°	.25	.20	.18

PLCC SMD LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP670C2	B	Hi-Eff Red	Water Clear	2.0	2.8	6.0	10.0	635	120°	.35	.28	.26
◆512-QTLP670C3	B	Yellow	Water Clear	2.0	2.8	6.0	10.0	585	120°	.35	.28	.26
◆512-QTLP670C4	B	Green	Water Clear	2.1	2.8	15.0	25.0	565	120°	.35	.28	.26
◆512-QTLP670C5	B	Pure Green	Water Clear	2.1	2.8	3.5	5.8	555	120°	.35	.28	.26
◆512-QTLP670C8	B	Orange	Water Clear	2.0	2.8	9.0	14.8	612	120°	.46	.36	.33
◆512-QTLP670C7	B	Red	Water Clear	1.7	2.4	25.0	40.0	660	120°	.43	.34	.31
◆512-QTLP670C9	B	Red	Water Clear	1.7	2.4	25.0	40.0	660	120°	.43	.34	.31

Dual Color PLCC SMD Lamps

For quantities greater than listed, call for quote.

◆512-QTLP670C23	C	HE Red/Yel.	Water Clear	2.0	2.8	5/6	8/10	635/585	120°	.48	.38	.35
◆512-QTLP670C24	C	HE Red/Grn.	Water Clear	2/2.1	2.8	5/9	9/15	635/565	120°	.45	.36	.33
◆512-QTLP670C74	C	Red/Green	Water Clear	1.9/2.1	2.7/2.8	18/9	30/15	660/565	120°	.53	.42	.39

1206 Size Super Bright SMD LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP650CR	D	Red	Water Clear	2.1	2.8	12.0	25.0	660	140°	.48	.38	.35
◆512-QTLP650CY	D	Yellow	Water Clear	2.1	2.8	26.0	44.0	590	140°	.53	.42	.39
◆512-QTLP650CE	D	Orange	Water Clear	1.7	2.8	16.0	28.0	620	140°	.53	.42	.39

1206 Size Super Bright Right Angle SMD LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP610CR	E	Red	Water Clear	2.0	2.8	10.0	15.0	660	140°	.48	.38	.35
◆512-QTLP610CY	E	Yellow	Water Clear	2.1	2.8	18.0	30.0	590	140°	.53	.42	.39
◆512-QTLP610CE	E	Orange	Water Clear	2.0	2.8	18.0	30.0	620	140°	.53	.42	.39

1206 Size with Lens LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP651C2	G	Hi-Eff Red	Water Clear	2.0	2.8	6.0	15.0	635	20°	.25	.20	.18
◆512-QTLP651C3	G	Yellow	Water Clear	2.0	2.8	7.0	16.0	585	20°	.28	.22	.20
◆512-QTLP651C4	G	Green	Water Clear	2.1	2.8	12.0	20.0	565	20°	.28	.22	.20
◆512-QTLP651C7	G	AlGaAs Red	Water Clear	1.7	2.4	18.0	30.0	660	20°	.35	.28	.26

1206 Size Package-Round Top LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP652C2	H	Hi-Eff Red	Water Clear	2.0	2.8	4.0	9.0	635	140°	.25	.20	.18
◆512-QTLP652C3	H	Yellow	Water Clear	2.0	2.8	4.0	9.0	585	140°	.28	.22	.20
◆512-QTLP652C4	H	Green	Water Clear	2.1	2.8	7.0	13.0	565	140°	.28	.22	.20
◆512-QTLP652C7	H	AlGaAs Red	Water Clear	1.7	2.4	7.0	18.0	660	140°	.35	.28	.26

1206 Size SMD LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP670CR	F	Red	Water Clear	1.7	2.4	36.0	62.0	660	120°	.53	.42	.39
◆512-QTLP670CY	F	Yellow	Water Clear	1.7	2.8	29.0	45.0	590	120°	.58	.46	.42
◆512-QTLP670CE	F	Orange	Water Clear	2.1	2.8	40.0	60.0	620	120°	.58	.46	.42

1206 Size Reflector Package LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP680C2	I	Hi-Eff Red	Water Clear	2.0	2.8	7.0	12.0	635	130°	.33	.26	.24
◆512-QTLP680C3	I	Yellow	Water Clear	2.0	2.8	7.0	12.0	585	130°	.33	.26	.24
◆512-QTLP680C4	I	Green	Water Clear	2.1	2.8	15.0	25.0	565	130°	.33	.26	.24
◆512-QTLP680C7	I	AlGaAs Red	Water Clear	1.7	2.4	25.0	40.0	660	130°	.38	.30	.28

1206 Size Reflector Package Dual LED Lamps

For quantities greater than listed, call for quote.

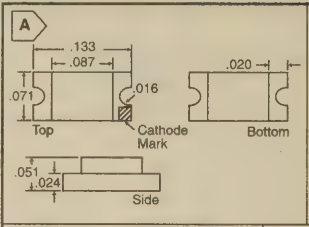
◆512-QTLP680C24	J	Red/ Green	Water Clear	2.0/ 2.1	2.8/ 2.8	7.0/ 12.0	12.0/ 20.0	635/ 565	130°	.40	.32	.29
◆512-QTLP680C34	J	Yellow/ Green	Water Clear	1.7/ 2.1	2.4/ 2.8	5.0/ 10.0	9.0/ 18.0	585/ 565	130°	.43	.34	.31
◆512-QTLP680C74	J	AlGaAs Red/ Green	Water Clear	1.7/ 2.1	2.4/ 2.8	15.0/ 12.0	24.0/ 20.0	660/ 565	130°	.53	.42	.39

1206 Size Flat Package LED Lamps

For quantities greater than listed, call for quote.

◆512-QTLP2822	K	Hi-Eff Red	Water Clear	2.0	2.8	1.5	5.6	635	150°	.23	.18	.17
◆512-QTLP2824	K	Green	Water Clear	2.1	2.8	1.0	5.6	565	150°	.23	.18	.17
◆512-QTLP2823	K	Yellow	Water Clear	2.0	2.8	3.5	6.0	585	150°	.23	.18	.17
◆512-QTLP2827	K	AlGaAs Red	Water Clear	2.0	2.8	11.0	17.0	660	150°	.38	.30	.28

DIMENSIONS (IN.)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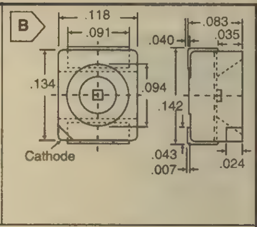
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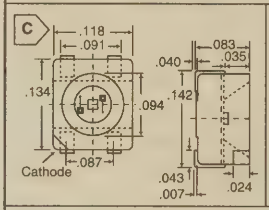
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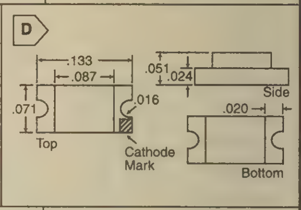
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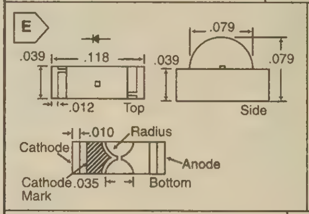
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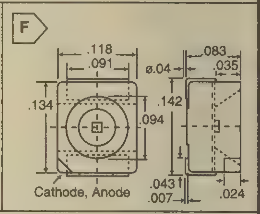
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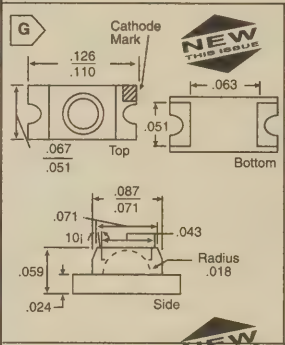
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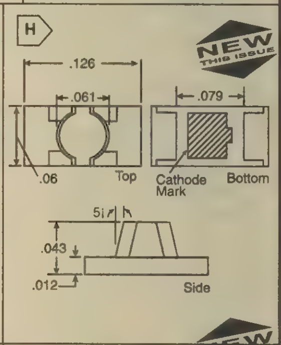
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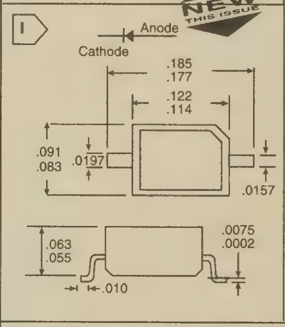
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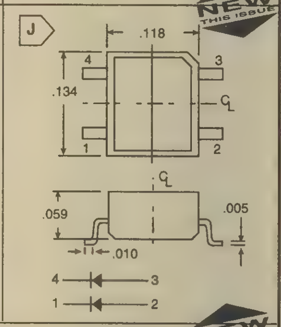
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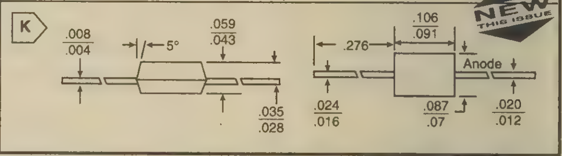
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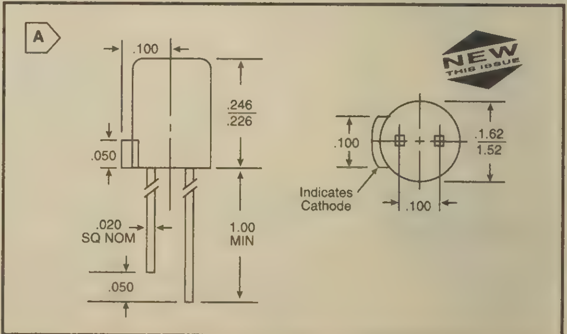
LED LAMPS

DIMENSIONS (IN.)

4mm Flat Top LED Lamps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length λp (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
512-HLMPM200	A	Hi-Eff Red	Red Diffused	2.2	3.0	3.4	5.0	635	135°	.20	.16	.15
512-HLMPM201	A	Hi-Eff Red	Red Diffused	2.2	3.0	5.4	7.0	635	135°	.25	.20	.18
512-HLMPM250	A	Hi-Eff Red	Red Clear	2.2	3.0	3.4	5.0	635	80°	.20	.16	.15
512-HLMPM251	A	Hi-Eff Red	Red Clear	2.2	3.0	5.4	7.0	635	80°	.25	.20	.18
512-HLMPM500	A	Green	Green Diffused	2.3	3.0	4.2	7.0	565	135°	.20	.16	.15
512-HLMPM501	A	Green	Green Diffused	2.3	3.0	6.7	10.0	565	135°	.25	.20	.18
512-HLMPM550	A	Green	Green Clear	2.3	3.0	4.2	10.0	565	80°	.20	.16	.15
512-HLMPM551	A	Green	Green Clear	2.3	3.0	6.7	16.0	565	80°	.25	.20	.18
512-HLMPM300	A	Yellow	Y Diffused	2.2	3.0	3.6	5.0	585	135°	.20	.16	.15
512-HLMPM301	A	Yellow	Y Diffused	2.2	3.0	5.7	7.0	585	135°	.25	.20	.18
512-HLMPM350	A	Yellow	Yellow Clear	2.2	3.0	3.6	5.0	585	80°	.20	.16	.15
512-HLMPM351	A	Yellow	Yellow Clear	2.2	3.0	5.7	7.0	585	80°	.25	.20	.18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QT LED Lamps

OPTOELECTRONICS

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

DIMENSIONS (IN.)

LED LAMPS

DIMENSIONS (IN.)

Standard T-3/4 LED Lamps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length λp (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
512-HLMPQ105A	B	Red	Red Clear	1.8	2.2	15.0	35.0	660	28°	.33	.26	.24
512-HLMP6305A	B	Hi-Eff Red	Red Clear	1.8	3.0	3.0	12.0	635	25°	.30	.24	.22
512-HLMP6405A	B	Yellow	Yellow Clear	1.8	3.0	3.0	12.0	585	28°	.30	.24	.22
512-HLMP6505A	B	Green	Green Clear	2.0	3.0	3.0	12.0	570	25°	.30	.24	.22

T-100 Low Current LED Lamps

For quantities greater than listed, call for quote.

512-HLMPK155	C	Red	Red Clear	1.6	1.8	2.0	3.0	660	45°	.30	.24	.22
512-HLMPK150	C	Red	Red Diff.	1.6	1.8	1.2	2.0	660	60°	.30	.24	.22
512-HLMP1700	C	Hi-Eff Red	Red Diff.	1.8	2.2	1.0	2.0	635	50°	.18	.14	.13
512-HLMP1719	C	Yellow	Yellow Diff.	1.9	2.7	1.0	2.0	565	50°	.18	.14	.13
512-HLMP1790	C	Green	Green Diff.	1.9	2.7	1.0	2.0	565	50°	.18	.14	.13

T-100 Integral Resistor LED Lamps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage	Forward Current		Luminous Intensity		Peak Wave-length	Viewing Angle	Price Each		
		LED	Lens		Typ.	Max.	Min.	Typ.			1	100	500
512-MR5060	D	Red	Red Diff.	5.0	13.0	20.0	0.8	1.5	660	60°	.35	.28	.26
512-MR5360	D	Yellow	Yellow Diff.	5.0	10.0	15.0	1.5	4.0	585	60°	.40	.32	.29
512-MR5361	D	Yellow	Yellow Diff.	12.0	13.0	20.0	1.5	4.0	585	60°	.35	.28	.26
512-MR5460	D	Green	Green Diff.	5.0	12.0	15.0	1.5	4.0	565	60°	.35	.28	.26
512-MR5461	D	Green	Green Diff.	12.0	13.0	20.0	1.5	4.0	565	60°	.35	.28	.26
512-MR5660	D	Red	White Diff.	5.0	13.0	20.0	0.8	1.5	660	60°	.38	.30	.28
512-MR5760	D	Hi-Eff Red	Red Diff.	5.0	10.0	15.0	1.5	4.0	635	60°	.35	.28	.26
512-MR5761	D	Hi-Eff Red	Red Diff.	12.0	13.0	20.0	1.5	4.0	635	60°	.35	.28	.26

T-100 Inverted Cone LED Lamps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length λp (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
512-QL484ET	E	Orange	Orange Clear	2.0	2.8	0.6	1.2	635	180°	.15	.12	.11
512-QL484GT	E	Green	Green Clear	2.1	2.8	0.6	1.2	565	180°	.18	.14	.13
512-QL484HT	E	Bright Red	Red Clear	2.0	2.8	0.3	0.6	697	180°	.15	.12	.11
512-QL484IT	E	Hi-Eff. Red	Red Clear	2.0	2.8	0.6	1.2	635	180°	.15	.12	.11
512-QL484RT	E	Red	Red Clear	1.7	2.0	0.3	0.5	660	180°	.15	.12	.11
512-QL484YT	E	Yellow	Yellow Clear	2.0	2.8	0.4	1.0	585	180°	.18	.14	.13

Standard T-1

For quantities greater than listed, call for quote.

512-MV5774C	F	Hi-Eff Red	Red Diff.	2.0	3.0	1.5	9.0	635	90°	.20	.16	.15
512-MV5474C	F	Hi-Eff Green	Green Diff.	2.2	3.0	1.2	9.0	565	90°	.23	.18	.17
512-MV5374C	F	Yellow	Yellow Diff.	2.1	3.0	1.8	9.0	585	90°	.23	.18	.17

T-1 3/4 Maximum Contrast LED Lamps

For quantities greater than listed, call for quote.

512-MV6151	G	Hi-Eff Red	Pale O Diff.	2.1	3.0	3.0	12.0	635	70°	.30	.24	.22
512-MV6951	G	Red	Pale Pink Diff.	1.8	3.0	3.0	12.0	660	70°	.30	.24	.22
512-MV6451	G	Green	Pale G Diff.	2.3	3.0	3.0	12.0	565	70°	.30	.24	.22
512-MV6351	G	Yellow	Pale Y Diff.	2.2	3.0	3.0	12.0	585	70°	.30	.24	.22

Standard T-1 3/4 Low Current LED Lamps

For quantities greater than listed, call for quote.

512-HLMPD150A	H	Red	Red Diff.	1.6	1.8	1.2	3.0	660	65°	.35	.28	.26
512-HLMP4700	H	Hi-Eff Red	Red Diff.	1.8	2.2	1.2	2.0	635	35°	.18	.14	.13
512-HLMP4740	H	Green	Green Diff.	1.9	2.7	1.2	3.0	565	35°	.18	.14	.13
512-HLMP4719	H	Yellow	Yellow Diff.	1.9	2.7	1.2	3.0	585	35°	.18	.14	.13

T-1 3/4 Integral Resistor LED Lamps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage	Forward Current		Luminous Intensity		Peak Wave-length	Viewing Angle	Price Each		
		LED	Lens		Typ.	Max.	Min.	Typ.			1	100	500
512-MR3050	I	Red	Red Diff.	5.0	13.0	20.0	1.0	2.0	660	60°	.30	.24	.22
512-MR3051	I	Red	Red Diff.	12.0	13.0	20.0	1.0	2.0	660	60°	.30	.24	.22
512-MR3350	I	Yellow	Yellow Diff.	5.0	10.0	15.0	1.5	4.0	585	60°	.30	.24	.22
512-MR3351	I	Yellow	Yellow Diff.	12.0	13.0	20.0	1.5	4.0	585	60°	.30	.24	.22
512-MR3450	I	Green	Green Diff.	5.0	12.0	15.0	1.5	4.0	565	60°	.30	.24	.22
512-MR3451	I	Green	Green Diff.	12.0	13.0	20.0	1.5	4.0	565	60°	.30	.24	.22
512-MR3750	I	Hi-Eff Red	Red Diff.	5.0	10.0	15.0	1.5	4.0	635	60°	.30	.24	.22
512-MR3751	I	Hi-Eff Red	Red Diff.	12.0	13.0	20.0	1.5	4.0	585	60°	.30	.24	.22

Dual Color T-1 3/4 LED Lamps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length λp (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
512-MV5337	J	Red/Yellow	White Diff.	2.1	3.0	2.0	6.0	635/585	100°	.38	.30	.28
512-MV5437	J	Red/Green	White Diff.	2.1	3.0	2.0	6.0	635/565	100°	.38	.30	.28

Ultra Bright T-1 3/4 LED Lamps

For quantities greater than listed, call for quote.

512-HLMP3750A	K	Hi-Eff Red	Orange Clear	2.2	3.0	80	150	635	24°	.18	.14	.13
512-HLMP3950A	K	Hi-Eff Green	Pale Grn Tint	2.2	3.0	80	150	565	24°	.18	.14	.13
512-HLMP3850A	K	Yellow	Pale Yel Tint	2.2	3.0	80	150	585	24°	.20	.16	.15

T-100 Super Bright Clear Lens LED Lamps

For quantities greater than listed, call for quote.

512-MV7042	L	AlInGaP Red	Water Clear	2.1	2.8	100	150	645	60°	.30	.24	.22
512-MV7043	L	AlInGaP Red	Water Clear	2.1	2.8	160	240	645	60°	.33	.26	.24
512-MV7044	L	AlInGaP Red	Water Clear	2.1	2.8	250	375	645	60°	.35	.28	.26
512-MV7342	L	Yellow	Water Clear	2.1	2.8	100	150	590	60°	.30	.24	.22
512-MV7343	L	Yellow	Water Clear	2.1	2.8	160	240	590	60°	.33	.26	.24
512-MV7344	L	Yellow	Water Clear	2.1	2.8	250	375	590	60°	.35	.28	.26
512-MV7441	L	Green	Water Clear	2.1	2.8	100	150	570	60°	.23	.18	.17
512-MV7442	L	Green	Water Clear	2.0	3.0	160	240	570	60°	.25	.20	.18
512-MV7742	L	Orange	Water Clear	2.1	2.8	100	150	620	60°	.30	.24	.22
512-MV7743	L	Orange	Water Clear	2.1	2.8	160	240	620	60°	.33	.26	.24
512-MV7744	L	Orange	Water Clear	2.1	2.8	250	375	620	60°	.35	.28	.26
512-MV7842	L	Orange Red	Water Clear	2.1	2.8	100	150	630	60°	.30	.24	.22
512-MV7843	L	Orange Red	Water Clear	2.1	2.8	160	240	630	60°	.33	.26	.24
512-MV7844	L	Orange Red	Water Clear	2.1	2.8	250	375	630	60°	.35	.28	.26
512-MV5B60	L	GaN/SIC Blue	Water Clear	3.8	5.5	200	350	430	35°	2.50	2.00	1.84
512-MV5B640	L	GaN/SIC Blue	Blue Diff.	3.8	5.5	80	120	430	45°	2.75	2.20	2.02

Super Bright T-1 LED Lamps

For quantities greater than listed, call for quote.

512-HLMP1340	M	Hi-Eff Red	Pale Org Tint	2.2	3.0	24	60	635	45°	.18	.14	.13
512-HLMP1540	M	Hi-Eff Green	Pale Grn Tint	2.2	3.0	24	60	565	45°	.18	.14	.13
512-HLMP1440	M	Yellow	Pale Yel Tint	2.2	3.0	24	60	585	45°	.18	.14	.13
512-HLMPK105	M	Red	Water Clear	1.8	2.2	35	65	660	45°	.25	.20	.18

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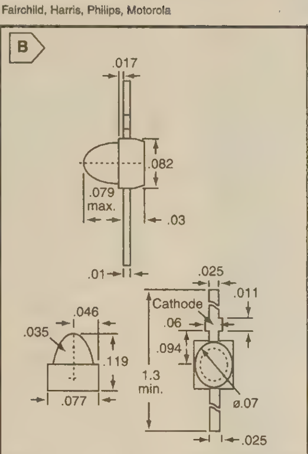
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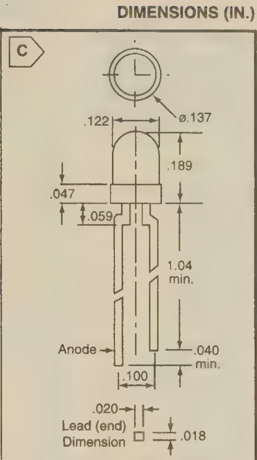
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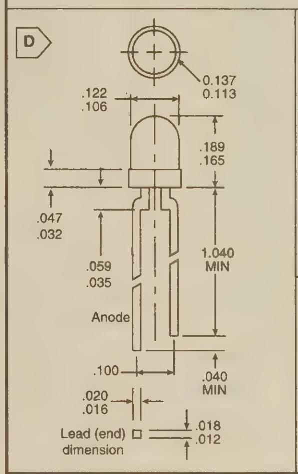
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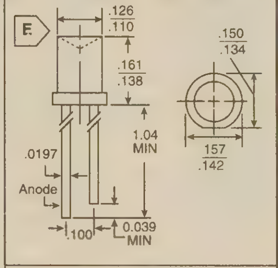
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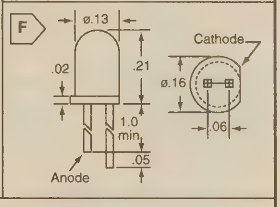
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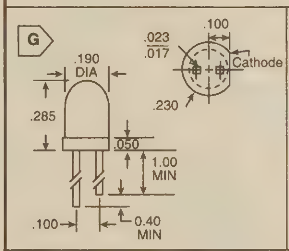
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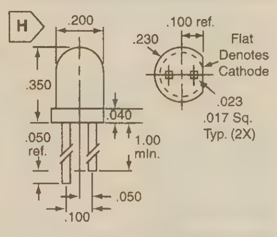
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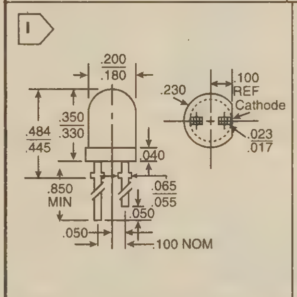
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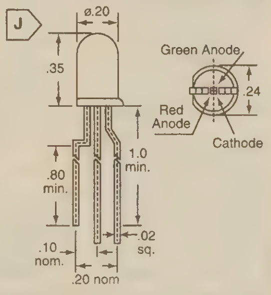
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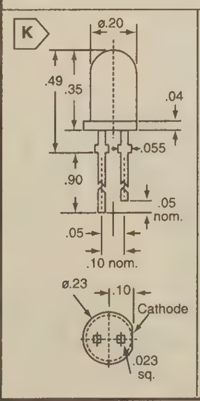
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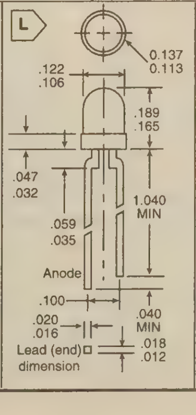
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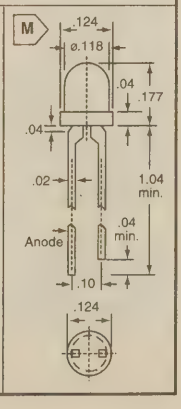
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LED Circuit Board Indicators and LED Lamps

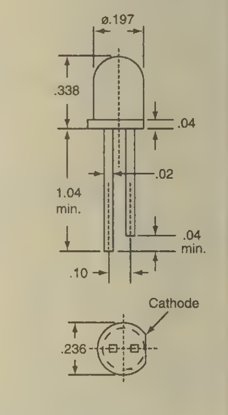
QT OPTOELECTRONICS

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

Super Bright T-1 3/4

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length λp (nm)	Viewing Angle	Price Each		
	LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
512-MV8102	Red	Water Clear	1.7	2.4	250	370	660	20°	.20	.16	.15
512-MV8103	Red	Water Clear	1.7	2.4	630	940	660	20°	.23	.18	.17
512-MV8104	Red	Water Clear	1.7	2.4	1000	1500	660	20°	.25	.20	.18
512-MV8190	Red	Red Diff	1.7	2.4	63	100	660	45°	.25	.20	.18
512-MV8191	Red	Red Diff	1.7	2.4	100	200	660	45°	.30	.24	.22
512-MV8140	Red	Water Clear	1.7	2.4	120	220	660	40°	.20	.16	.15
512-MV8141	Red	Water Clear	1.7	2.4	250	370	660	40°	.25	.20	.18
512-MV8111	Red	Water Clear	1.7	2.4	250	370	660	12°	.20	.16	.15
512-MV8112	Red	Water Clear	1.7	2.4	630	930	660	12°	.23	.18	.17
512-MV8113	Red	Water Clear	1.7	2.4	1000	1500	660	12°	.30	.24	.22
512-MV8114	Red	Water Clear	1.7	2.4	1600	2400	660	12°	.40	.32	.29
512-MV8410	Green	Water Clear	2.1	2.8	160	240	565	12°	.23	.18	.17
512-MV8411	Green	Water Clear	2.1	2.8	240	370	565	12°	.25	.20	.18
512-MV8412	Green	Water Clear	2.1	2.8	250	620	565	12°	.28	.22	.20
512-MV8303	Yellow	Water Clear	2.1	2.8	630	940	590	20°	.40	.32	.29
512-MV8304	Yellow	Water Clear	2.1	2.8	1000	1500	590	20°	.45	.36	.33
512-MV8305	Yellow	Water Clear	2.1	2.8	1600	2400	590	20°	.48	.38	.35
512-MV8313	Yellow	Water Clear	2.1	2.8	630	940	590	12°	.40	.32	.29
512-MV8314	Yellow	Water Clear	2.1	2.8	1000	1500	590	12°	.45	.36	.33
512-MV8315	Yellow	Water Clear	2.1	2.8	1600	2400	590	12°	.48	.38	.35
512-MV8316	Yellow	Water Clear	2.1	2.8	2500	3500	590	12°	.50	.40	.37
512-MV8341	Yellow	Water Clear	2.1	2.8	160	220	660	45°	.45	.36	.33
512-MV8342	Yellow	Water Clear	2.1	2.8	250	370	590	45°	.50	.40	.39
512-MV8703	Orange	Water Clear	2.1	2.8	630	940	620	20°	.40	.32	.29
512-MV8704	Orange	Water Clear	2.1	2.8	1000	1500	620	20°	.45	.36	.33
512-MV8705	Orange	Water Clear	2.1	2.8	1600	2400	620	20°	.48	.38	.35
512-MV8713	Orange	Water Clear	2.1	2.8	630	940	620	12°	.40	.32	.29
512-MV8714	Orange	Water Clear	2.1	2.8	1000	1500	620	12°	.45	.36	.33
512-MV8715	Orange	Water Clear	2.1	2.8	1600	2400	620	12°	.48	.38	.35
512-MV8716	Orange	Water Clear	2.1	2.8	2500	3500	620	12°	.50	.40	.37
512-MV8741	Orange	Water Clear	2.1	2.8	250	370	620	45°	.45	.36	.33
512-MV8742	Orange	Water Clear	2.1	2.8	400	600	620	45°	.50	.40	.37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DIMENSIONS (IN.)

T-3/4 SUBMINIATURE PCB INDICATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	V_F	mcd	mA	Price Each		
							1	100	500
512-MV5000.MP2	A	Red	Right angle	1.7	3.0	20	.63	.50	.46
512-MV5300.MP2	A	Yellow	Right angle	2.1	2.0	20	.60	.48	.44
512-MV5400.MP2	A	Green	Right angle	2.3	3.5	20	.60	.48	.44

T-1 PCB INDICATORS

For quantities greater than listed, call for quote.

512-MV5064.MP4B	C	Red	Right angle	1.6	1.5	20	.35	.28	.26
512-MV5364.MP4B	C	Yellow	Right angle	2.1	2.0	10	.35	.28	.26
512-MV5464.MP4B	C	Green	Right angle	2.2	5.0	20	.35	.28	.26
512-MV5764.MP4B	C	Hi-Eff. Red	Right angle	2.0	2.0	10	.35	.28	.26

T-1 3/4 PCB INDICATORS

For quantities greater than listed, call for quote.

512-MV60539.MP5	D	Red	Straight	1.7	3.2	20	.35	.28	.26
512-MV63539.MP5	D	Yellow	Straight	2.1	20.0	20	.38	.30	.28
512-MV64539.MP5	D	Green	Straight	2.2	28.0	20	.35	.28	.26
512-MV67539.MP5	D	Hi-Eff. Red	Straight	2.1	15.0	20	.35	.28	.26
512-MV60539.MP6	E	Red	Right angle	1.7	3.2	20	.35	.28	.26
512-MV63539.MP6	E	Yellow	Right angle	2.1	20.0	20	.38	.30	.28
512-MV64539.MP6	E	Green	Right angle	2.2	28.0	20	.35	.28	.26
512-MV67539.MP6	E	Hi-Eff. Red	Right angle	2.1	15.0	20	.35	.28	.26
512-MV60539.MP7	F	Red	Right angle	1.7	3.2	20	.38	.30	.28
512-MV63539.MP7	F	Yellow	Right angle	2.1	20.0	20	.38	.30	.28
512-MV64539.MP7	F	Green	Right angle	2.2	28.0	20	.35	.28	.26
512-MV67539.MP7	F	Hi-Eff. Red	Right angle	2.1	15.0	20	.38	.30	.28

T-1 3/4 BI-COLOR PCB INDICATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	V_F	mcd	mA	Price Each		
							1	100	500
512-MV54919.MP5	D	Red/green	Straight angle	2.3	6.0	20	.73	.58	.53
512-MV54919.MP6	E	Red/green	Right angle	2.3	6.0	20	.73	.58	.53
512-MV54919.MP7	F	Red/green	Right angle	2.3	6.0	20	.73	.58	.53

T-1 3/4 4 UNIT PCB INDICATORS

For quantities greater than listed, call for quote.

512-MV60539.MP8	G	Red	4 lamp straight	1.7	3.2	20	1.23	.98	.90
512-MV63539.MP8	G	Yellow	4 lamp straight	2.1	20.0	20	1.25	1.00	.92
512-MV64539.MP8	G	Green	4 lamp straight	2.2	28.0	20	1.30	1.04	.96
512-MV67539.MP8	G	Hi-Eff. Red	4 lamp straight	2.1	15.0	20	1.30	1.04	.96
512-MV60539.MP8A	H	Red	4 lamp right angle	1.7	3.2	20	1.23	.98	.90
512-MV63539.MP8A	H	Yellow	4 lamp right angle	2.1	20.0	20	1.25	1.00	.92
512-MV64539.MP8A	H	Green	4 lamp right angle	2.2	28.0	20	1.30	1.04	.96
512-MV67539.MP8A	H	Hi-Eff. Red	4 lamp right angle	2.1	15.0	20	1.30	1.04	.96
512-MV60539.MP8B	I	Red	4 lamp right angle	1.7	3.2	20	1.23	.98	.90
512-MV63539.MP8B	I	Yellow	4 lamp right angle	2.1	20.0	20	1.25	1.00	.92
512-MV64539.MP8B	I	Green	4 lamp right angle	2.2	28.0	20	1.30	1.04	.96
512-MV67539.MP8B	I	Hi-Eff. Red	4 lamp right angle	2.1	15.0	20	1.30	1.04	.96

T-1 3/4 BI-LEVEL PCB INDICATORS

For quantities greater than listed, call for quote.

512-MV60539.MP90	J	Red	Bi-level	1.7	3.2	20	.65	.52	.48
512-MV63539.MP93	J	Yellow	Bi-level	2.1	20.0	20	.65	.52	.48
512-MV64539.MP94	J	Green	Bi-level	2.2	28.0	20	.68	.54	.50
512-MV67539.MP97	J	Hi-Eff. Red	Bi-level	2.1	15.0	20	.68	.54	.50

T-1 3/4 VERTICAL STANDOFF PCB INDICATORS

For quantities greater than listed, call for quote.

512-MV67539.MP10	K	Hi-Eff. Red	Standoff	2.1	15.0	20	.35	.30	.27

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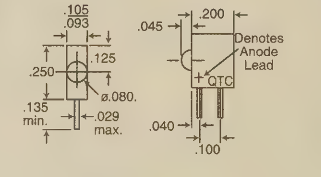
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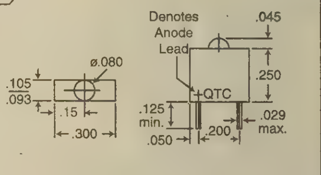
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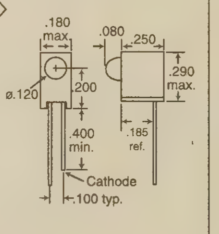
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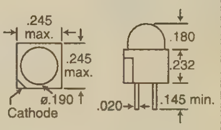
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ø.190
Cathode
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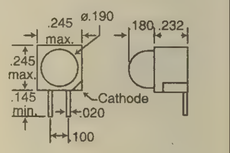
.232
.020
.145 min.

E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Cathode
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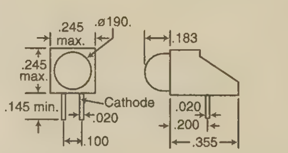
F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Cathode
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.020
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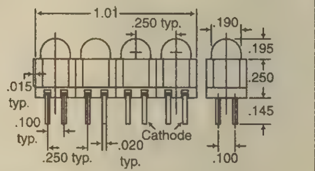
.355

G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Cathode
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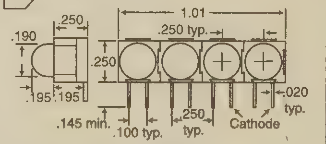
H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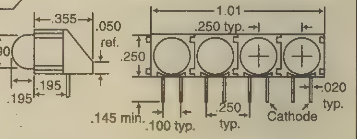
Cathode

I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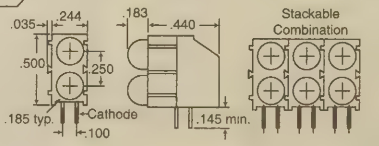
Cathode

J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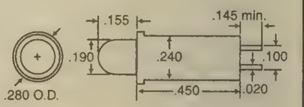
K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.190
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.280 O.D.
.450
.020

QT Light Bars, Indicators, and Bar Graphs

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

.70" 5 X 7 DOT MATRIX DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp (nm)	Fwd. Voltage Typ.	Fwd. Voltage Max.	Luminous Intensity IF=20mA (µcd)	Price Each 1	10	100
512-GMA7175CA	A	Hi-Eff. Red	Common anode row	635	2.1	2.8	3000	4.88	3.90	3.59
512-GMC7175CA	A	Hi-Eff. Red	Common cathode row	635	2.1	2.8	3000	4.88	3.90	3.59
512-GMA7975CA	A	Green	Common anode row	566	2.1	2.8	3000	4.25	3.40	3.13
512-GMC7975CA	A	Green	Common cathode row	566	2.1	2.8	3000	4.25	3.40	3.13

1.2" 5 X 7 DOT MATRIX DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp (nm)	Fwd. Voltage Typ.	Fwd. Voltage Max.	Luminous Intensity IF=20mA (µcd)	Price Each 1	10	100
512-GMA8875C	B	Hi-Eff. Red	Common anode RHDP	635	2.1	2.8	3000	5.28	4.22	3.88
512-GMC8875C	B	Hi-Eff. Red	Common cathode RHDP	635	2.1	2.8	3000	5.28	4.22	3.88
512-GMA8975C	B	Green	Common anode RHDP	565	2.1	2.8	3000	4.65	3.72	3.42
512-GMC8975C	B	Green	Common cathode RHDP	565	2.1	2.8	3000	4.65	3.72	3.42

2.0" 5 X 7 DOT MATRIX DISPLAYS

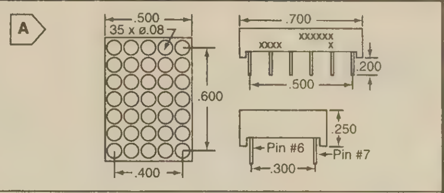
MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp (nm)	Fwd. Voltage Typ.	Fwd. Voltage Max.	Luminous Intensity IF=20mA (µcd)	Price Each 1	10	100
512-GMA2975C	C	Hi-Eff. Red	Common anode RHDP	635	2.1	2.8	3000	6.40	5.12	4.71
512-GMC2975C	C	Hi-Eff. Red	Common cathode RHDP	635	2.1	2.8	3000	6.40	5.12	4.71
512-GMA2475C	C	Green	Common anode RHDP	565	2.1	2.8	3000	5.23	4.18	3.85
512-GMC2475C	C	Green	Common cathode RHDP	565	2.1	2.8	3000	5.23	4.18	3.85

2.3" 5 X 8 DOT MATRIX DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp (nm)	Fwd. Voltage Typ.	Fwd. Voltage Max.	Luminous Intensity IF=20mA (µcd)	Price Each 1	10	100
512-GMA2985C	D	Hi-Eff. Red	Common anode RHDP	635	2.1	2.8	3000	6.98	5.58	5.13
512-GMC2985C	D	Hi-Eff. Red	Common cathode RHDP	635	2.1	2.8	3000	6.98	5.58	5.13
512-GMA2485C	D	Green	Common anode RHDP	565	2.1	2.8	3000	6.20	4.96	4.56
512-GMC2485C	D	Green	Common cathode RHDP	565	2.1	2.8	3000	6.20	4.96	4.56

DIMENSIONS (IN.)

A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xxxxxx x
.200
.500
.600
.250
Pin #6
Pin #7
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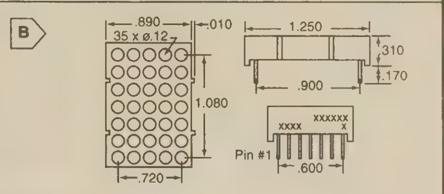
.300

B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.310
.170
.900
1.080
xxxx
xxxxxx x
Pin #1
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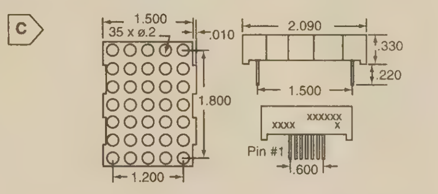
.720

C


1.500
35 x ø.2
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2.090
.330
.220
1.500
1.800
xxxx
xxxxxx x
Pin #1
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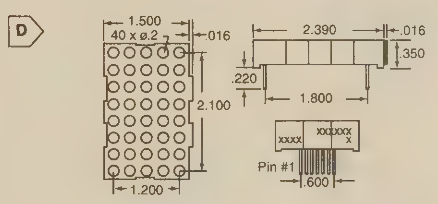
1.200

D


1.500
40 x ø.2
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2.390
.016
.350
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2.100
xxxx
xxxxxx x
Pin #1
.600
1.200

LIGHT BARS

Rectangular Light Bars

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Source Color	Lens	Package	Typ. Lum. Intensity IF=20mA (mcd)	Price Each 1	100	500
512-HLMP-2300	E	Hi-Eff. Red	Diffused	4 pin in-line	23	.95	.76	.70
512-HLMP-2500	E	Green	GreenDiff.	4 pin in-line	25	.95	.76	.70
512-HLMP-2350	F	Hi-Eff. Red	Diffused	8 pin in-line	45	1.38	1.10	1.01
512-HLMP-2550	F	Green	GreenDiff.	8 pin in-line	50	1.38	1.10	1.01
512-HLMP-2685	G	Hi-Eff. Red	Diffused	16 pin DIP	80	2.50	2.00	1.84
512-HLMP-2885	G	Green	GreenDiff.	16 pin DIP	100	2.50	2.00	1.84

Square Light Bars

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Source Color	Lens	Package	Typ. Lum. Intensity IF=20mA (mcd)	Price Each 1	100	500
512-HLMP-2655	H	Hi-Eff. Red	Diffused	8 pin in-line	43	1.95	1.56	1.44
512-HLMP-2855	H	Green	GreenDiff.	8 pin in-line	50	1.95	1.56	1.44

RECTANGULAR PANEL INDICATORS

For quantities greater than listed, call for quote.

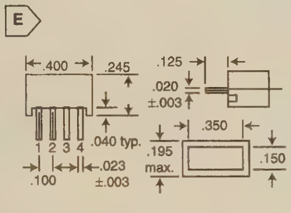
MOUSER STOCK NO.	Fig.	Source Color	Lens	Package	Typ. Lum. Intensity IF=10mA (mcd)	Price Each 1	100	500
512-MV57173	I	Hi-Eff. Red	Diffused	0.5" rect.	4500	1.70	1.36	1.25
512-MV54173	I	Green	GreenDiff.	0.5" rect.	4500	1.70	1.36	1.25

10 ELEMENT BAR GRAPHS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Source Color	Element Color Order R=Red ,Y=Yellow, G=Green	Forward Voltage (V) Typ.	Max.	Typ. Lum. Intensity IF=10mA (µcd) Typ.	Max.	Price Each 1	100	500
512-MV57164	J	Red	R, R, R, R, R, R, R, R, R, R	2.0	2.6	510	1800	1.75	1.40	1.29
512-MV54164	J	Green	G, G, G, G, G, G, G, G, G, G	2.2	3.0	510	1800	2.00	1.60	1.47
512-MV53164	J	Yellow	Y, Y, Y, Y, Y, Y, Y, Y, Y, Y	2.1	2.6	510	1800	2.00	1.60	1.47
512-MV59164	J	Red/Grn	R, G, R, G, R, G, R, G, R, G	2.1	2.8	- - -	3000	3.80	3.04	2.80
512-MV5A164	J	Multicolor	R, R, R, Y, Y, Y, Y, G, G, G	2.0	3.0	510	1800	3.25	2.60	2.39
512-MV5B164	J	Multicolor	R, R, Y, Y, G, G, Y, Y, R, R	2.2	3.0	510	1800	3.50	2.80	2.58
512-MV5C164	J	Multicolor	G, G, G, G, G, G, Y, Y, Y, R	2.2	3.0	510	1800	3.25	2.60	2.39
512-MV5D164	J	Multicolor	G, G, G, G, G, R, R, R, R, Y	2.2	3.0	510	1800	3.38	2.70	2.48
512-MV5E164	J	Multicolor	G, Y, Y, Y, Y, Y, Y, R, R, R	2.2	3.0	510	1800	3.25	2.60	2.39

E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.020 ±.003
1 2 3 4
.040 typ.
.350
.195 max.
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.100
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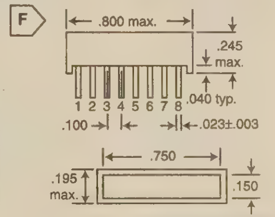
F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.100
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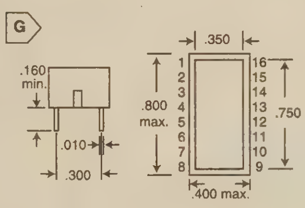
.150

G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16 15 14 13 12 11 10 9
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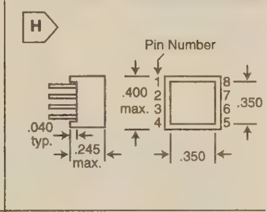
.010
.300
.400 max.

H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.350
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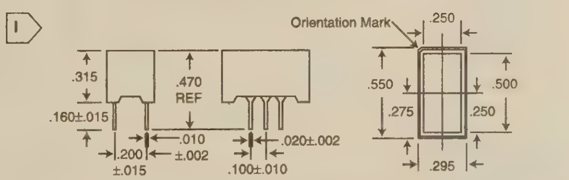
.245 max.
.350

I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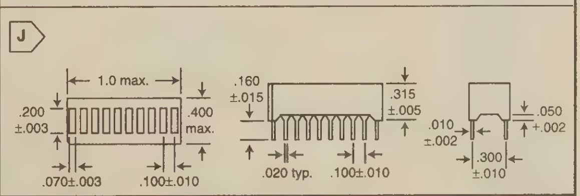
.295

J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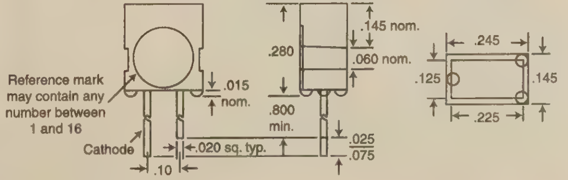
.020 typ.
.100±.010
.300 ±.010

LED RECTANGULAR LAMPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Source Color	Lens Color	Wavelength λp (nm)	Typ. Lum. Intensity IF=20mA (mcd)	Price Each 1	100	500
512-MV57124A	Hi-Eff. Red	Red Diff.	635	6.0	.25	.20	.18
512-MV54124A	Green	Green Diff.	565	6.0	.25	.20	.18
512-MV53124A	Yellow	Yellow Diff.	585	6.0	.25	.20	.18
512-MV49124A	Red/green	White Diff.	647/565	6.0	.68	.54	.50


Reference mark may contain any number between 1 and 16
Cathode
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.10
.280
.145 nom.
.060 nom.
.800 min.
.020 sq. typ.
.025
.075
.245
.125
.145
.225

LED Numeric Displays

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

.30" SINGLE DIGIT DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity	Price Each		
					Typ.	Max.	IF=10mA (µcd)	1	10	100
512-MAN71A	A	Red	Common anode RHDP	660	1.7	2.0	350	1.00	.80	.74
512-MAN72A	B	Red	Common anode LHDP	660	1.7	2.0	350	1.00	.80	.74
512-MAN74A	A	Red	Common cathode RHDP	660	1.7	2.5	350	1.00	.80	.74
512-MAN3910A	A	Hi-Eff. Red	Common anode RHDP	635	2.0	2.5	1900	1.00	.80	.74
512-MAN3920A	B	Hi-Eff. Red	Common anode LHDP	635	2.0	2.5	1900	1.00	.80	.74
512-MAN3940A	A	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.5	1900	1.00	.80	.74
512-MAN3410A	A	Green	Common anode RHDP	562	2.2	3.0	3200	1.00	.80	.74
512-MAN3420A	B	Green	Common anode LHDP	562	2.2	3.0	3200	1.00	.80	.74
512-MAN3440A	A	Green	Common cathode RHDP	562	2.2	3.0	3200	1.00	.80	.74
512-MAN3610A	A	Orange	Common anode RHDP	630	2.0	2.5	1800	1.00	.80	.74
512-MAN3620A	B	Orange	Common anode LHDP	630	2.0	2.5	1800	1.00	.80	.74
512-MAN3640A	A	Orange	Common cathode RHDP	630	2.0	2.5	1800	1.00	.80	.74
512-MAN3810A	A	Yellow	Common anode RHDP	585	2.0	3.0	1700	1.13	.90	.83
512-MAN3820A	B	Yellow	Common anode LHDP	585	2.0	3.0	1700	1.13	.90	.83
512-MAN3840A	A	Yellow	Common cathode RHDP	585	2.0	3.0	1700	1.13	.90	.83

.40" SINGLE DIGIT DISPLAYS

512-MAN4710A	C	Red	Common anode	660	1.6	2.0	350	.98	.78	.72
512-MAN4740A	C	Red	Common cathode	660	1.6	2.0	350	.98	.78	.72
512-MAN4910A	C	Hi-Eff. Red	Common anode	635	2.2	2.5	1900	1.00	.80	.74
512-MAN4940A	C	Hi-Eff. Red	Common cathode	635	2.2	2.5	1900	1.00	.80	.74
512-MAN4410A	C	Green	Common anode	562	2.2	3.0	3200	1.00	.80	.74
512-MAN4440A	C	Green	Common cathode	562	2.2	3.0	3200	1.00	.80	.74
512-MAN4610A	C	Orange	Common anode	630	2.2	2.5	1800	1.00	.80	.74
512-MAN4640A	C	Orange	Common cathode	630	2.2	2.5	1800	1.00	.80	.74

.40" DUAL DIGIT STICK DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity	Price Each		
					Typ.	Max.	IF=20mA (µcd)	1	10	100
512-MSD4910C	D	Hi-Eff. Red	Common anode	635	2.0	2.8	2200	1.68	1.51	1.34
512-MSD4940C	D	Hi-Eff. Red	Common cathode	635	2.0	2.8	2200	1.68	1.51	1.34
512-MSD4410C	D	Green	Common anode	570	2.1	2.8	2200	1.68	1.51	1.34
512-MSD4440C	D	Green	Common cathode	570	2.1	2.8	2200	1.68	1.51	1.34

.40" THREE-DIGIT STICK DISPLAYS

512-MST4910C	E	Hi-Eff. Red	Common anode	635	2.0	2.8	2200	2.93	2.64	2.34
512-MST4940C	E	Hi-Eff. Red	Common cathode	635	2.0	2.8	2200	2.93	2.64	2.34
512-MST4410C	E	Green	Common anode	570	2.1	2.8	2200	2.70	2.43	2.16
512-MST4440C	E	Green	Common cathode	570	2.1	2.8	2200	2.70	2.43	2.16
512-MST4911C	F	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	2.93	2.64	2.34
512-MST4941C	F	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2200	2.93	2.64	2.34
512-MST4411C	F	Green	Common anode RHDP	570	2.1	2.8	2200	2.70	2.43	2.16
512-MST4441C	F	Green	Common cathode RHDP	570	2.1	2.8	2200	2.70	2.43	2.16

.40" FOUR-DIGIT STICK CLOCK DISPLAYS (MULTIPLEX)

512-MSQC4911C	G	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	2.85	2.57	2.28
512-MSQC4411C	G	Green	Common anode RHDP	570	2.1	2.8	2200	2.73	2.46	2.18

.43" SINGLE DIGIT DISPLAYS

∗Luminous Intensity IF = 5mA

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity	Price Each		
					Typ.	Max.	IF=10mA (µcd)	1	10	100
512-7750	H	Red	Common anode LHDP	650	1.6	2.0	980	1.75	1.58	1.40
512-7751	H	Red	Common anode RHDP	650	1.6	2.0	980	1.75	1.58	1.40
512-7650	H	Hi-Eff. Red	Common anode LHDP	630	2.0	2.5	∗840	2.13	1.92	1.70
512-7651	H	Hi-Eff. Red	Common anode RHDP	630	2.0	2.5	∗840	2.13	1.92	1.70

.51" SINGLE DIGIT DISPLAYS

512-MAN5750	I	Red	Common anode RHDP	655	2.1	2.8	500	.65	.52	.48
512-MAN5760	I	Red	Common cathode RHDP	655	2.1	2.8	500	.65	.52	.48
512-MAN5450	I	Green	Common anode RHDP	562	2.1	2.8	3000	.68	.54	.50
512-MAN5460	I	Green	Common cathode RHDP	562	2.1	2.8	3000	.68	.54	.50
512-MAN5350	I	Yellow	Common anode RHDP	585	2.1	2.8	1200	.73	.58	.53
512-MAN5360	I	Yellow	Common cathode RHDP	585	2.1	2.8	1200	.73	.58	.53
512-MAN5950	I	Orange/Red	Common anode RHDP	635	2.0	3.0	2500	.68	.54	.50
512-MAN5960	I	Orange/Red	Common cathode RHDP	635	2.0	3.0	2500	.68	.54	.50

.52" THREE-DIGIT STICK DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity	Price Each		
					Typ.	Max.	IF=20mA (µcd)	1	10	100
512-MST5950C	J	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	3.25	2.93	2.60
512-MST5960C	J	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2200	3.25	2.93	2.60
512-MST5450C	J	Green	Common anode RHDP	570	2.1	2.8	2200	3.13	2.82	2.50
512-MST5460C	J	Green	Common cathode RHDP	570	2.1	2.8	2200	3.13	2.82	2.50

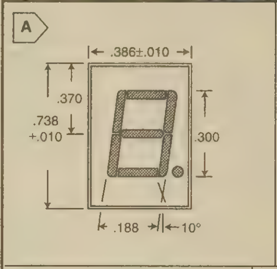
.56" SINGLE DIGIT DISPLAYS

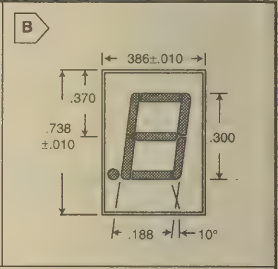
MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity	Price Each		
					Typ.	Max.	IF=20mA (µcd)	1	10	100
512-MAN6760	K	Red	Common anode	650	1.7	2.0	420	1.25	1.00	.92
512-MAN6780	K	Red	Common cathode	650	1.7	2.0	420	1.25	1.00	.92
512-MAN6960	K	Hi-Eff. Red	Common anode	635	2.0	2.5	2200	1.25	1.00	.92
512-MAN6980	K	Hi-Eff. Red	Common cathode	635	2.0	2.5	2200	1.25	1.00	.92
512-MAN6460	K	Green	Common anode	562	2.2	3.0	3300	1.25	1.00	.92
512-MAN6480	K	Green	Common cathode	562	2.2	3.0	3300	1.25	1.00	.92
512-MAN6660	K	Orange	Common anode	630	2.0	2.5	2200	1.25	1.00	.92
512-MAN6680	K	Orange	Common cathode	630	2.0	2.5	2200	1.25	1.00	.92

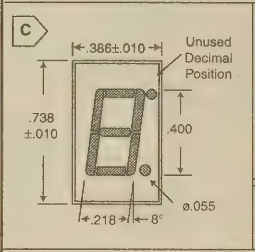
.56" 1 1/2 DIGIT DISPLAYS

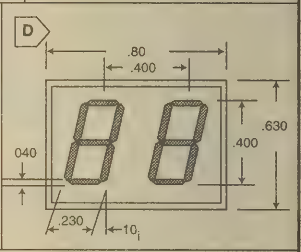
512-MAN6930	L	Hi-Eff. Red	Common anode	635	2.0	2.5	2200	1.75	1.40	1.29
512-MAN6950	L	Hi-Eff. Red	Common cathode	635	2.0	2.5	2200	1.50	1.20	1.10
512-MAN6630	L	Orange	Common anode	630	2.0	2.5	2200	1.75	1.40	1.29

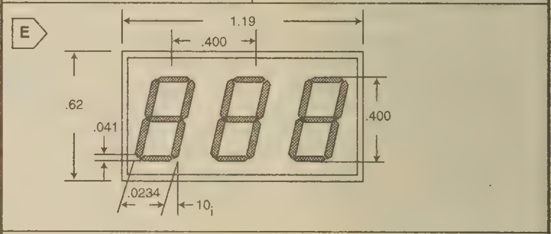
DIMENSIONS (IN.)

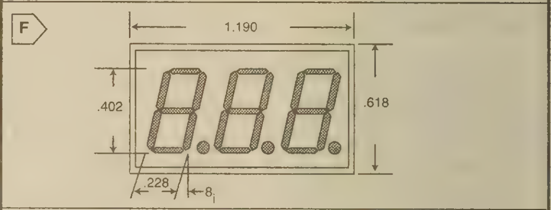


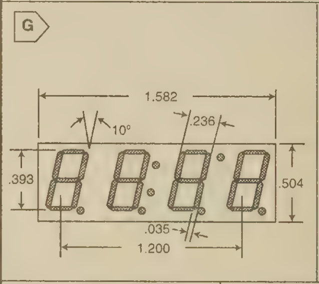


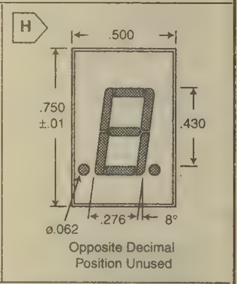


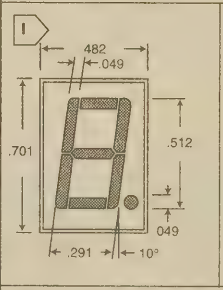


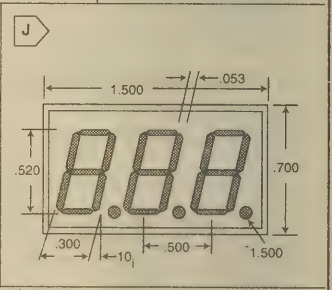


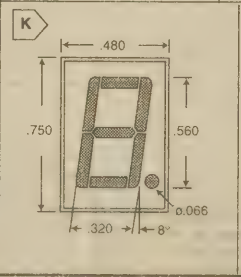


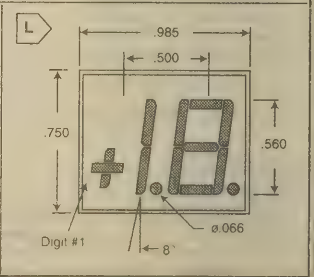












LED Numeric Displays

Formerly: Monsanto, General Instrument, Fairchild, Harris, Philips, Motorola

.56" DUAL DIGIT DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=10mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MAN6710	A	Red	Common anode	650	1.7	2.0	420	1.50	1.20	1.10
512-MAN6740	A	Red	Common cathode	650	1.7	2.0	420	1.50	1.20	1.10
512-MAN6910	A	Hi-Eff. Red	Common anode	635	2.0	2.5	2200	1.63	1.30	1.20
512-MAN6940	A	Hi-Eff. Red	Common cathode	635	2.0	2.5	2200	1.63	1.30	1.20
512-MAN6410	A	Green	Common anode	562	2.2	3.0	3300	1.63	1.30	1.20
512-MAN6440	A	Green	Common cathode	562	2.2	3.0	3300	1.63	1.30	1.20
512-MAN6610	A	Orange	Common anode	630	2.0	2.5	2200	1.63	1.30	1.20
512-MAN6640	A	Orange	Common cathode	630	2.0	2.5	2200	1.63	1.30	1.20

.56" THREE-DIGIT STICK DISPLAYS (DIRECT DRIVE)

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=20mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MST6910C	B	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	2.70	2.43	2.16
512-MST6940C	B	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2200	2.70	2.43	2.16
512-MST6410C	B	Green	Common anode RHDP	570	2.1	2.8	2200	2.58	2.32	2.06
512-MST6440C	B	Green	Common cathode RHDP	570	2.1	2.8	2200	2.45	2.21	1.96

.56" THREE-DIGIT STICK DISPLAYS (MULTIPLEX)

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=20mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MST6911C	C	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	2.70	2.43	2.16
512-MST6941C	C	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2200	2.70	2.43	2.16
512-MST6411C	C	Green	Common anode RHDP	570	2.1	2.8	2200	2.45	2.21	1.96
512-MST6441C	C	Green	Common cathode RHDP	570	2.1	2.8	2200	2.70	2.43	2.16

.56" FOUR-DIGIT STICK DISPLAYS (DIRECT DRIVE)

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=20mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MSQ6910C	D	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	4.38	3.94	3.50
512-MSQ6940C	D	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2200	4.38	3.94	3.50
512-MSQ6410C	D	Green	Common anode RHDP	570	2.1	2.8	2200	3.75	3.38	3.00
512-MSQ6440C	D	Green	Common cathode RHDP	570	2.1	2.8	2200	3.75	3.38	3.00

.56" FOUR-DIGIT STICK DISPLAYS (MULTIPLEX)

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=20mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MSQ6911C	E	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	4.18	3.76	3.34
512-MSQ6941C	E	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2200	4.18	3.76	3.34
512-MSQ6411C	E	Green	Common anode RHDP	570	2.1	2.8	2200	3.75	3.38	3.00
512-MSQ6441C	E	Green	Common cathode RHDP	570	2.1	2.8	2200	3.75	3.38	3.00

.56" FOUR-DIGIT STICK CLOCK DISPLAYS (DIRECT DRIVE)

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=20mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MSQC6910C	F	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2200	2.58	2.32	2.06
512-MSQC6940C	F	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2200	2.58	2.32	2.06
512-MSQC6410C	F	Green	Common anode RHDP	570	2.1	2.8	2200	2.63	2.37	2.10
512-MSQC6440C	F	Green	Common cathode RHDP	570	2.1	2.8	2200	2.63	2.37	2.10

.80" SINGLE DIGIT DISPLAYS

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=10mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MAN8910	G	Hi-Eff. Red	Common anode RHDP	635	2.0	2.5	2200	1.63	1.30	1.20
512-MAN8940	G	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.5	2200	1.63	1.30	1.20
512-MAN8410	G	Green	Common anode RHDP	562	2.2	3.0	3200	1.63	1.30	1.20
512-MAN8440	G	Green	Common cathode RHDP	562	2.2	3.0	3200	1.63	1.30	1.20
512-MAN8610	G	Orange	Common anode RHDP	630	2.0	2.5	2200	1.63	1.30	1.20
512-MAN8640	G	Orange	Common cathode RHDP	630	2.0	2.5	2200	1.63	1.30	1.20

.5" ALPHANUMERIC 16 SEGMENT SINGLE DIGIT STICK DISPLAYS

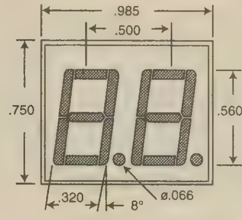
MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=20mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MSA5960C	H	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	2000	2.68	2.41	2.14
512-MSA5980C	H	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	2000	2.68	2.41	2.14
512-MSA5460C	H	Green	Common anode RHDP	570	2.1	2.8	2000	2.30	2.07	1.84
512-MSA5480C	H	Green	Common cathode RHDP	570	2.1	2.8	2000	2.30	2.07	1.84

.54" ALPHANUMERIC 14 SEGMENT DUAL DIGIT STICK DISPLAYS (DIRECT DRIVE)

MOUSER STOCK NO.	Fig.	Source Color	Description	Peak Wvlngth λp	Fwd. Voltage		Luminous Intensity IF=20mA (µcd)	Price Each		
					Typ.	Max.		1	10	100
512-MDA6910C	I	Hi-Eff. Red	Common anode RHDP	635	2.0	2.8	4000	3.63	3.27	2.90
512-MDA6940C	I	Hi-Eff. Red	Common cathode RHDP	635	2.0	2.8	4000	3.63	2.90	2.67
512-MDA6410C	I	Green	Common anode RHDP	570	2.1	2.8	5000	3.13	2.82	2.50
512-MDA6440C	I	Green	Common cathode RHDP	570	2.1	2.8	5000	3.13	2.82	2.50

DIMENSIONS (IN.)

A



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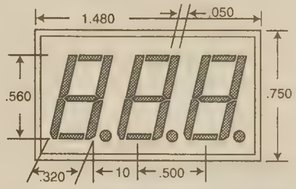

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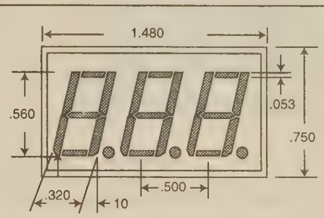

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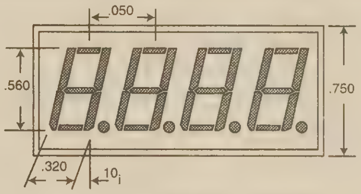

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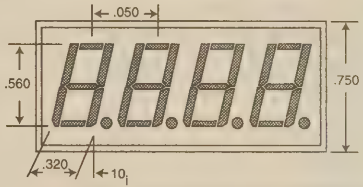

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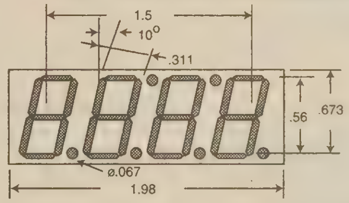

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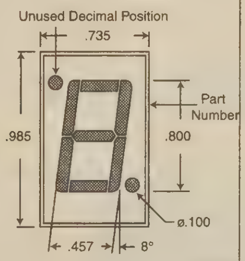

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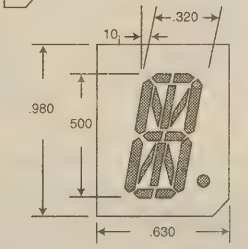

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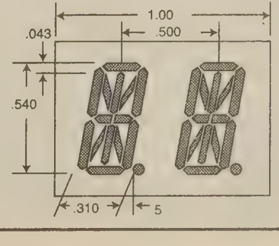
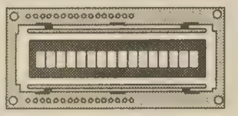


SII LCD Display Modules

Seiko Instruments

A



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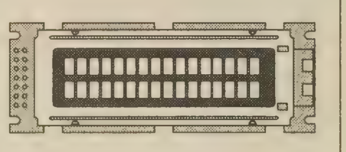

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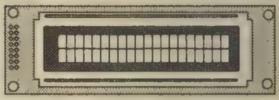

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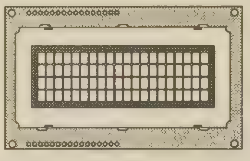

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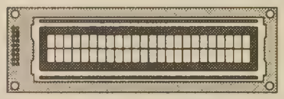

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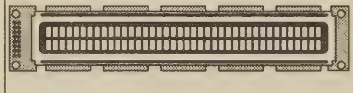

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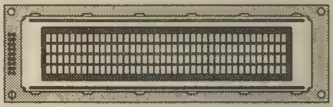


Seiko LCD DISPLAY MODULES

These character modules contain many features designed to simplify their use and enhance a variety of applications. Different sizes, fluids and backlight options allow us to assist our customers to choose the best combination for their needs. Character modules are organized in blocks of 5 x 8 dots. This allows them to display alphanumeric characters to 4 lines of 40 characters. Each model is available with either Super Twisted Nematic (STN) or wide temperature STN (WSTN) fluid for enhanced viewing characteristics. EL or LED backlighting is an option for most models.

Features:

- Thin, lightweight, low power
- STN fluid for high contrast and wide viewing angle
- Built-in controller
- Optional wide temperature STN fluid
- EL & LED backlights

STN Gray Reflective

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Format Character x Line	Module Size (mm) H x V x T	Viewing Area (mm) H x V	Character Size (mm) H x V	Dot Size (mm) H x V	Price Each		
							1	10	20
628-L167100J	A	16 x 1	80.0 x 36.0 x 11.3	64.5 x 13.8	3.07 x 5.73	0.55 x 0.75	10.70	9.77	8.84
628-L167200J	B	16 x 2	85.0 x 30.0 x 10.0	62.0 x 16.0	2.78 x 4.27	0.50 x 0.55	12.88	11.76	10.64
628-L168200J	C	16 x 2	80.0 x 36.0 x 11.3	64.5 x 13.8	2.95 x 3.80	0.55 x 0.55	12.88	11.76	10.64
628-L203200J	D	20 x 2	116.0 x 37.0 x 11.3	83.0 x 18.6	3.20 x 4.85	0.60 x 0.65	17.25	15.75	14.25
628-L203400J	E	20 x 4	98.0 x 60.0 x 11.6	76.0 x 25.2	2.95 x 4.15	0.55 x 0.55	27.26	24.89	22.52
628-L246200J	F	24 x 2	118.0 x 36.0 x 11.3	94.5 x 17.8	3.20 x 4.85	0.60 x 0.65	19.90	18.17	16.44
628-L405200J	G	40 x 2	182.0 x 33.5 x 11.3	154.4 x 15.8	3.20 x 4.85	0.60 x 0.64	28.64	26.15	23.66
628-L404400J	H	40 x 4	190.0 x 54.0 x 10.1	147.0 x 29.5	2.78 x 4.27	0.55 x 0.55	59.11	53.97	48.83

STN Yellow-Green Transflective with LED Backlight

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Format Character x Line	Module Size (mm) H x V x T	Viewing Area (mm) H x V	Character Size (mm) H x V	Dot Size (mm) H x V	Price Each		
							1	10	20
628-L1671B1J	A	16 x 1	80.0 x 36.0 x 15.8	54.5 x 13.8	3.07 x 5.73	0.55 x 0.75	15.76	14.39	13.02
628-L1672B1J	B	16 x 2	85.0 x 30.0 x 15.8	62.0 x 16.0	2.78 x 4.27	0.50 x 0.55	19.32	17.64	15.96
628-L1682B1J	C	16 x 2	80.0 x 36.0 x 13.8	64.5 x 13.8	2.95 x 3.80	0.50 x 0.55	18.17	16.59	15.01
628-L2032B1J	D	20 x 2	116.0 x 37.0 x 15.8	83.0 x 18.6	3.20 x 4.85	0.60 x 0.65	26.34	24.05	21.76
628-L2034B1J	E	20 x 4	98.0 x 60.0 x 15.8	76.0 x 25.2	2.95 x 4.15	0.55 x 0.55	38.53	35.18	31.83
628-L2462B1J	F	24 x 2	118.0 x 36.0 x 15.8	94.5 x 17.8	3.20 x 4.85	0.60 x 0.65	28.87	26.36	23.85
628-L4044B1J	H	40 x 4	190.0 x 54.0 x 16.3	147.0 x 29.5	2.78 x 4.27	0.55 x 0.55	81.00	74.03	66.98

STN Yellow-Green Transflective with LED Backlight (Wide Temperature Range)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Format Character x Line	Module Size (mm) H x V x T	Viewing Area (mm) H x V	Character Size (mm) H x V	Dot Size (mm) H x V	Price Each		
							1	10	20
628-L1682B1P	B	16 x 2	80.0 x 36.0 x 13.8	64.5 x 13.8	2.95 x 3.80	0.50 x 0.55	22.31	20.37	18.43
628-L2034B1P	E	20 x 4	98.0 x 60.0 x 15.8	76.0 x 25.2	2.95 x 4.15	0.55 x 0.55	52.67	48.09	43.51
628-L4052B1P	G	40 x 2	182.0 x 33.5 x 16.3	154.4 x 15.8	3.20 x 4.85	0.60 x 0.64	52.67	48.09	43.51

STN Black-White Transflective with EL Backlight

For quantities greater than listed, call for quote.

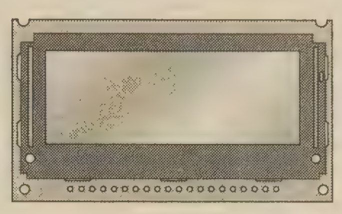
MOUSER STOCK NO.	Fig.	Format Character x Line	Module Size (mm) H x V x T	Viewing Area (mm) H x V	Character Size (mm) H x V	Dot Size (mm) H x V	Price Each		
							1	10	20
628-L404421J	H	40 x 4	190.0 x 54.0 x 11.3	147.0 x 29.5	2.78 x 4.27	0.55 x 0.55	91.77	83.79	75.81

SII Seiko Instruments Graphic Display Modules

Seiko Instruments

Seiko GRAPHIC DISPLAY MODULES

These graphic modules offer the greatest flexibility in formatting data on the display. They allow for text, graphics, or any combination of the two. Since character size is defined by software, they allow any language or character font to be shown. The only limit is the resolution of the display. Graphic modules are organized in rows (horizontal) and columns (vertical) of pixels. Each pixel is addressed individually allowing any combination to be "on". This bitmapping provides the user with the ability to construct text of any size or shape or true graphics if that is desired. Seiko Instruments offers resolutions from 128x32 up to 640x480.



G1213 Illustrated
(128 x 32 Dot Pixels)

Features:

- STN & FSTN technology offers excellent contrast and wide viewing angle
- Thin, lightweight, with low power consumption
- CFL backlight offers high brightness and long life
- Built-in controller available on some models
- 4-bit parallel interface except for G1213 and G1216 (8-bit)

Specifications:

- Power supply voltage standard modules (VDD): +5.0V
  Chip-On-Glass modules +3V
- Operating temperature: (G1213, G1216, G121C, G191D) = -20°C ~ +70°C
  (G191C, G242C, G321E, G649D) = 0°C ~ +50°C
  (G241D, G325E) = -10°C ~ +60°C
- Storage temperature: (G1213, G1216, G121C, G191D) = -30°C ~ +80°C
  (G191C, G242C, G321E, G649D) = -20°C ~ +60°C
  (G241D, G325E) = -20°C ~ +70°C

STN Gray Reflective

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Dot Pixels H x V	Module Size (mm) H x V x T	Viewing Area (mm) H x V	Dot Size (mm) H x V	Dot Pitch (mm) H x V	Price Each		
						1	10	20
628-G121300N	128 x 32	75.0 x 42.0 x 6.8	60.0 x 21.0	0.40 x 0.48	0.43 x 0.51	**30.87**	**27.93**	**24.99**
628-G121600N	128 x 64	75.0 x 53.0 x 6.8	60.0 x 33.0	0.40 x 0.40	0.43 x 0.43	**36.12**	**32.68**	**29.24**

STN Yellow - Green LED Backlight

For quantities greater than listed, call for quote.

628-G1213B1N	128 x 32	75.0 x 42.0 x 8.9	60.0 x 21.0	0.40 x 0.48	0.43 x 0.51	**38.54**	**34.87**	**31.20**
628-G1216B1N	128 x 64	75.0 x 53.0 x 8.9	60.0 x 33.0	0.40 x 0.40	0.43 x 0.43	**48.20**	**43.61**	**39.02**
628-G191DB1P	192 x 192	86.0 x 95.0 x 9.0	67.4 x 67.4	0.30 x 0.30	0.33 x 0.33	**93.24**	**84.36**	**75.48**

STN Yellow - Green LED Backlight with Built - in Controller (SED1335F)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Dot Pixels H x V	Module Size (mm) H x V x T	Viewing Area (mm) H x V	Dot Size (mm) H x V	Dot Pitch (mm) H x V	Price Each		
						1	10	20
628-G121CB1PC	128 x 128	86.0 x 95.0 x 9.0	67.0 x 67.0	0.46 x 0.46	0.49 x 0.49	**95.55**	**86.45**	**77.35**

FSTN Black - White EL Backlight

For quantities greater than listed, call for quote.

628-G191C21RA	192 x 128	98.0 x 86.0 x 13.4	78.0 x 54.0	0.33 x 0.33	0.37 x 0.37	**87.36**	**79.04**	**70.72**

FSTN Black - White CFL Backlight

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Dot Pixels H x V	Module Size (mm) H x V x T	Viewing Area (mm) H x V	Dot Size (mm) H x V	Dot Pitch (mm) H x V	Price Each		
						1	10	20
628-G321EV1R	320 x 240	150.0 x 96.0 x 14.0	103.0 x 80.0	0.27 x 0.27	0.30 x 0.30	**132.72**	**120.08**	**107.44**
628-G321EV5R	320 x 240	150.0 x 96.0 x 14.0	103.0 x 80.0	0.27 x 0.27	0.30 x 0.30	**125.37**	**113.43**	**101.49**
628-G649DX5R1	640 x 200	260.0 x 122.0 x 15.7	216.0 x 83.0	0.30 x 0.36	0.33 x 0.39	**286.97**	**259.64**	**232.31**

FSTN Black - White CFL Backlight with Built - In Controller (SED1330)

For quantities greater than listed, call for quote.

628-G242CX5R1AC	240 x 128	180.0 x 110.0 x 15.1	134.0 x 76.0	0.47 x 0.47	0.51 x 0.51	**224.18**	**202.83**	**181.48**

Chip-On-Glass (COG) Vitrium™ Series

For quantities greater than listed, call for quote.

628-G241D01R	240 x 160	70.7 x 51.4 x 2.2	60.6 x 42.4	0.225 x 0.225	0.24 x 0.24	**73.19**	**66.22**	**59.25**
628-G325E01R3	320 x 240	88.3 x 69.1 x 2.2	79.8 x 60.6	0.225 x 0.225	0.24 x 0.24	**97.97**	**88.64**	**79.31**

Seiko GRAPHIC AND LCD DISPLAY MODULE INVERTERS

For use with EL and CFL Backlit Graphic and LCD Display Modules.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Output Voltage (Typ.)	Output Current (mA)	Input Voltage (VDC)	Input Current (mA)	Input Voltage Range	Price Each		
							1	10	20
628-HIU168	Inverter for G649D Graphic Module Series	1300V	5.0	12.0	350	10.8 - 13.2V	**45.28**	**42.45**	**41.04**
628-TDI-5A	Inverter for G242C Graphic Module Series	1000V	4.7	5.0	365	4.5 - 5.5V	**36.48**	**34.20**	**33.06**
628-INV5D	Inverter for L4044 LCD Module Series	130V	5.5	5.0	80	3.0 - 6.0V	**9.60**	**9.00**	**8.70**
628-INVC303	Inverter for G321EV Graphic Module Series	1000V	3.1	24.0	60	21.6-26.4V	**17.12**	**16.05**	**15.52**

Seiko GRAPHIC CONTROLLER BOARD

This Seiko Instruments controller board features the SED1330 controller IC. The controller board is designed to allow the user to quickly interface our graphic modules with the Intel 8085 or Motorola 6800 series microprocessors to display text, graphics, and overlayed text and graphics. The controller board supports 32K bytes of static RAM as display memory that can be defined as text space or graphics space. These memory spaces may be overlayed to produce mixed graphic and text, inverse video, area blinking and overlay masking.

Features:

Character Display Mode:

- Programmable or automatic cursor shift function
- Flexible scroll function
- 2 or 3 screen layered function
- Block or underline cursor function
- Area flashing function
- Internal character generator:
  JIS 160 characters (5 x 7)
- External character generator: 256 characters
  (8 x 8 or 8 x 16) Graphic Display Mode

Graphic Display Mode:

- Maximum display size: 640 dots (H) x 256 dots (V)
- 2 or 3 screen overlayed function
- Graphic display mode can be mixed
  with character display mode

MOUSER STOCK NO.	Price Each		
	1	10	20
628-LCDC133032A	83.49	76.23	68.97

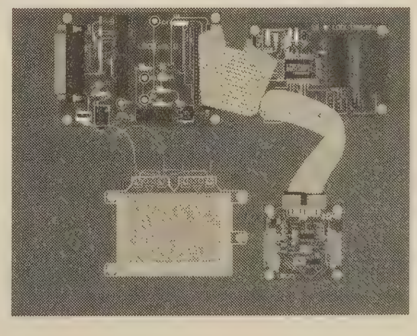
Seiko VITRIUM™ CHIP-ON-GLASS (COG) EVALUATION KITS

Seiko Instruments has developed an Evaluation Kit that makes the design-in process virtually "plug-and-play". This kit can be used for a variety of product design and development applications. The programs included with the kit are preconfigured for graphics and text to get the display working right away with the user's personal message.

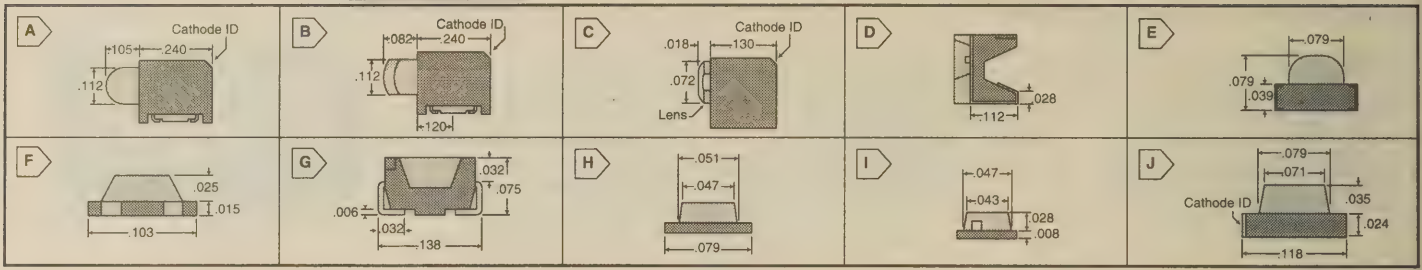
Each kit includes the following:

- Display module
- LED edgelight assembly with built-in frame for mounting
- LCDC-1330 controller board
- COGI bias voltage board
- Parallel interface to any PC
- Softwate diskette (includes Quick Basic & C++)
- AC/DC adapter
- Instruction manual & technical specifications
- All connecting cables & hardware

MOUSER STOCK NO.	Description	Price Each
628-G8EVALKIT	Vitrium 1/8 VGA COG Evaluation Kit (G241D01R000)	**199.00**
628-G4EVALKIT	Vitrium 1/4 VGA COG Evaluation Kit (G325E01R300)	**199.00**



Dialight Circuit Board Indicators



DIMENSIONS (IN.)

SURFACE MOUNT LEDS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F	mA	Price Each			
					1	100	500	1000
Single 3mm, High Efficiency Prism, Right Angle, Round Lens (591 Series)								
645-591-2001-002	A	Red	2.0	10	1.31	1.20	1.06	.86
645-591-2101-002	A	Red	1.75	10	1.36	1.24	1.09	.89
645-591-2301-002	A	Green	2.0	10	1.32	1.20	1.06	.86
645-591-2401-002	A	Yellow	2.0	10	1.32	1.20	1.06	.86
Single 3mm, Bi-Color Prism, Right Angle, Round Lens (591 Series)								
645-591-3001-102	B	R/G	2.0	10	2.42	2.20	1.85	1.58
Single 2mm, AlGaAs Prism, Right Angle (595 Series)								
645-595-2101-002	C	Red	1.7	20	1.38	1.25	1.05	.90
Single 2mm, High Performance Prism, Right Angle (595 Series)								
645-595-2301-002	C	Green	2.1	20	1.38	1.25	1.05	.90
645-595-2401-002	C	Yellow	2.2	20	1.38	1.25	1.05	.90
MicroLED® Right Angle (597 Series)								
645-597-2001-202	D	Red	2.0	10	.41	.33	.32	.29
645-597-2301-202	D	Green	2.0	10	.41	.33	.32	.29
645-597-2401-202	D	Yellow	2.0	10	.41	.33	.32	.29
645-597-2111-402	E	Red	1.7	20	.47	.37	.36	.32
645-597-2201-402	E	Orange	2.2	20	.47	.37	.36	.32
645-597-2311-402	E	Green	2.1	20	.47	.37	.36	.32
645-597-2401-402	E	Yellow	2.2	20	.47	.37	.36	.32
MicroLED® 1210 (597 Series)								
645-597-3001-102	F	Red	2.2	20	.55	.44	.42	.38
645-597-3111-102	F	Red	1.7	10	.58	.46	.44	.40
645-597-3301-102	F	Green	2.1	20	.55	.44	.42	.38
645-597-3401-102	F	Yellow	2.0	20	.55	.44	.42	.38
645-597-3211-102	F	Orange	2.1	20	.61	.48	.46	.42
MicroLED® Bi-Color 1210 (597 Series)								
645-597-7701-102	F	R/G	2.0/2.0	20	.80	.64	.61	.55
645-597-7721-102	F	Y/G	2.1/2.0	20	.80	.64	.61	.55
645-597-7731-102	F	R/Y	2.0/2.1	20	.80	.64	.61	.55

NEW!

* AlGaAs

For quantities greater than listed, call for quote.

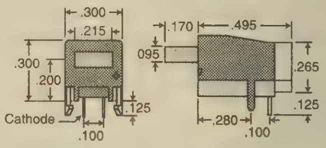
MOUSER STOCK NO.	Fig.	Color	V_F	mA	Price Each			
					1	100	500	1000
MicroLED® PLCC-2 (597 Series)								
645-597-3001-202	G	Red	2.0	10	.52	.42	.40	.36
* 645-597-3121-202	G	Red	1.75	10	.77	.62	.59	.53
645-597-3301-202	G	Green	2.0	10	.52	.42	.40	.36
645-597-3401-202	G	Yellow	2.0	10	.52	.42	.40	.36
MicroLED® Bi-Color PLCC-4 (597 Series)								
645-597-7701-202	G	R/G	2.0	10	.83	.66	.63	.57
645-597-7721-202	G	Y/G	2.0	10	.83	.66	.63	.57
645-597-7731-202	G	R/Y	2.0	10	.83	.66	.63	.57
MicroLED® 0805, High Intensity (597 Series)								
645-597-3212-402	H	Orange	1.9	20	1.35	1.08	1.03	.93
645-597-3222-402	H	Yellow	1.9	20	.91	.73	.69	.63
MicroLED® 0603 (597 Series)								
645-597-5004-402	I	Red	1.9	20	1.40	1.12	1.07	.97
645-597-5112-402	I	Red	1.7	20	.44	.35	.34	.30
645-597-5312-402	I	Green	2.1	20	.44	.35	.34	.30
645-597-5412-402	I	Yellow	2.1	20	.44	.35	.34	.30
MicroLED® 0805 (597 Series)								
645-597-5111-402	H	Red	1.7	20	.47	.37	.36	.32
645-597-5311-402	H	Green	2.1	20	.47	.37	.36	.32
645-597-5411-402	H	Yellow	2.1	20	.47	.37	.36	.32
MicroLED® 1206 (597 Series)								
* 645-597-3111-402	J	Red	1.7	20	.47	.37	.36	.32
645-597-3311-402	J	Green	2.1	20	.47	.37	.36	.32
645-597-3401-402	J	Yellow	2.2	20	.47	.37	.36	.32

RECTANGULAR (566 SERIES)

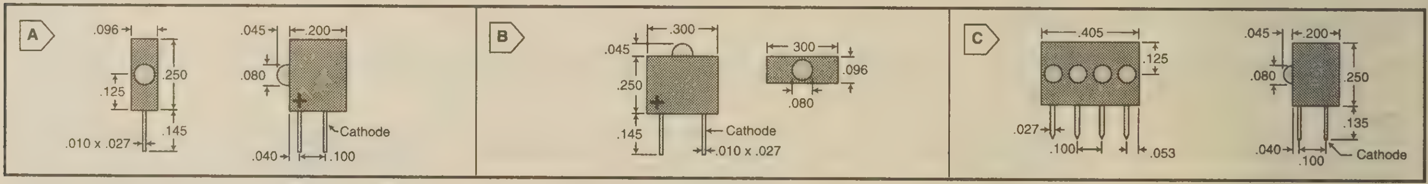
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	V_F	mA	mcd	Price Each			
					1	100	500	1000
2mm x 5mm, High Efficiency								
645-566-0207	Green	2.2	20	4.0	1.17	.94	.82	.74
645-566-0307	Yellow	2.1	20	3.5	1.17	.94	.82	.74
645-566-0407	Red	2.0	20	7.4	1.17	.94	.82	.74
2mm x 5mm, Bi-color								
645-566-3507	Red/ Green	1.9/2.1	10	3.5/4	2.34	1.87	1.64	1.48

NEW!



2mm (555 SERIES)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F	mA	mcd	Price Each			
						1	100	500	1000
Single, Right Angle									
645-555-2001	A	Red	1.6	20	1.2	1.02	.82	.71	.65
645-555-2301	A	Green	2.4	20	1.0	1.05	.84	.74	.67
645-555-2401	A	Yellow	2.2	20	2.0	1.05	.84	.74	.67
Single, Right Angle, Intergral Resistor									
645-555-2003	A	Red	5.0	6	1.9	1.14	.91	.80	.72
645-555-2007	A	Red	5.0	6	1.9	1.14	.91	.80	.72
645-555-2303	A	Green	5.0	4.7	2.5	1.20	.96	.84	.76
645-555-2403	A	Yellow	5.0	4.7	2.1	1.20	.96	.84	.76
Single, Top View									
645-555-3001	B	Red	1.6	20	1.2	1.50	1.20	1.05	.95
645-555-3301	B	Green	2.4	20	1.0	1.80	1.44	1.26	1.14
645-555-3401	B	Yellow	2.2	20	2.0	1.80	1.44	1.26	1.14

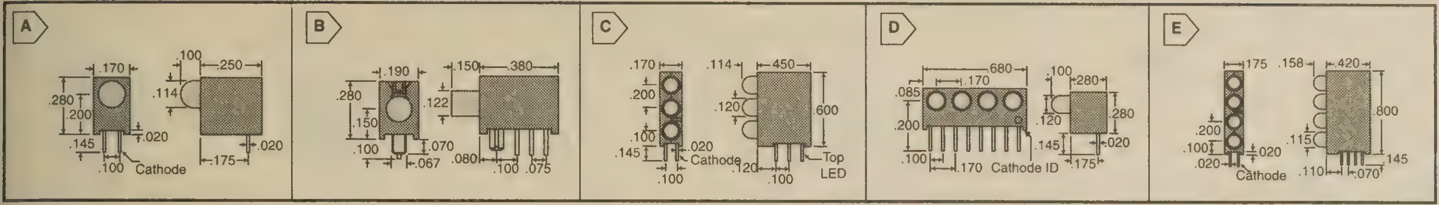
NEW!

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F	mA	mcd	Price Each			
						1	100	500	1000
Single, Top View, Integral Resistor									
645-555-3007	B	Red	5.0	3	0.6	1.65	1.32	1.16	1.05
Quad, Right Angle									
645-555-4001	C	Red	1.6	20	0.6	4.14	3.31	2.90	2.62
645-555-4301	C	Green	2.4	20	1.0	4.80	3.84	3.36	3.04
645-555-4401	C	Yellow	2.2	20	2.0	4.80	3.84	3.36	3.04
Quad, Right Angle, Integral Resistor									
645-555-4003	C	Red	5.0	6	1.2	4.68	3.74	3.28	2.96
645-555-4007	C	Red	5.0	3	0.6	4.68	3.74	3.28	2.96
645-555-4303	C	Green	5.0	4.7	0.5	4.80	3.84	3.36	3.04
645-555-4403	C	Yellow	5.0	4.7	0.6	4.80	3.84	3.36	3.04

Dialight Circuit Board Indicators

DIMENSIONS (IN.)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3mm LED CIRCUIT BOARD INDICATORS

NEW!

For quantities greater than listed, call for quote.

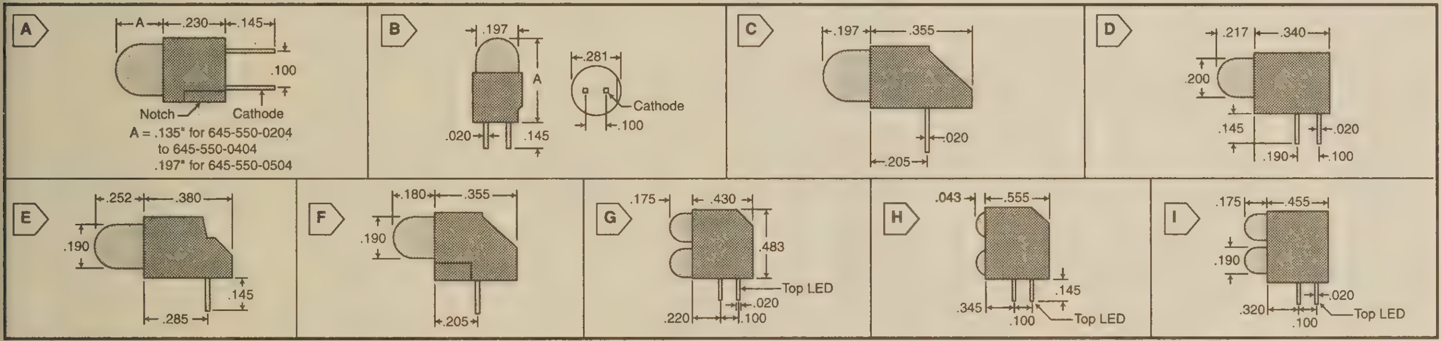
MOUSER STOCK NO.	Fig.	Color	V_F	mA	mcd	Price Each 1	100	500	1000
Single, High LED Centerline, High Efficiency (551 Series)									
645-551-0207	A	Green	2.1	10	16.0	.69	.55	.48	.44
645-551-0307	A	Yellow	2.1	10	6.3	.69	.55	.48	.44
645-551-0407	A	Red	2.0	10	10.0	.69	.55	.48	.44
Single, High LED Centerline, Integral Resistor 5V (551 Series)									
645-551-0507	A	Red	5.0	10	4.0	1.05	.84	.74	.67
645-551-0607	A	Green	5.0	12	8.0	1.05	.84	.74	.67
Single, High LED Centerline, Low Current (551 Series)									
645-551-1107	A	Red	1.8	2	1.8	.90	.72	.63	.57
645-551-1207	A	Yellow	1.9	2	1.6	.90	.72	.63	.57
645-551-1307	A	Green	1.8	2	1.6	.90	.72	.63	.57
Single, Bi-color, Right Angle (551 Series)									
645-551-3007	A	R/G	2.0	10	5.0	1.65	1.32	1.16	1.05
645-551-3107	A	Y/G	2.1	10	4.3/6.3	1.65	1.32	1.16	1.05
Single, Bi-color, In-Line, Right Angle (551 Series)									
645-551-3508	B	R/G	2.0/2.1	20	4.0	1.80	1.44	1.26	1.14

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F	mA	mcd	Price Each 1	100	500	1000
Tri-Level, High Efficiency, Right Angle (564 Series)									
645-564-0100-111	C	R/R/R	2.2	10	10	2.55	2.04	1.79	1.62
645-564-0100-132	C	R/Y/G	2.2	10	10	2.55	2.04	1.79	1.62
645-564-0100-222	C	G/G/G	2.2	10	10	2.55	2.04	1.79	1.62
645-564-0100-333	C	Y/Y/Y	2.2	10	10	2.55	2.04	1.79	1.62
Tri-Level, Bi-Color, High Efficiency, Right Angle (564 Series)									
645-564-0700-111	C	R/G x 4	2.0	10	5	3.75	3.00	2.63	2.38
645-564-0700-444	C	Y/G x 4	2.1	10	4.3/6.3	3.75	3.00	2.63	2.38
Quad, High LED Centerline, High Efficiency (564 Series)									
645-551-0207-004	D	Green	2.1	10	16.3	3.12	2.50	2.18	1.98
645-551-0407-004	D	Red	2.0	10	10.0	3.12	2.50	2.18	1.98
Quad, High LED Centerline, Integral Resistor 5V (564 Series)									
645-551-0507-004	D	Red	5.0	13	8.0	4.47	3.58	3.13	2.83
Quad, High Efficiency, Right Angle (564 Series)									
645-568-0101-111	E	Red	2.2	10	10	3.15	2.52	2.21	2.00
645-568-0101-222	E	Green	2.3	8.5	10	3.15	2.52	2.21	2.00
645-568-0101-333	E	Yellow	2.2	10	10	3.15	2.52	2.21	2.00
Quad, Bi-Color, Right Angle (564 Series)									
645-568-0701-111	E	R/G x 4	2.0	10	5	4.68	3.74	3.28	2.96
645-568-0704-444	E	Y/G x 4	2.1	10	4.3/6.3	4.68	3.74	3.28	2.96

5mm LED CIRCUIT BOARD INDICATORS

DIMENSIONS (IN.)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B
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A
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Cathode
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C
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D
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G
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.483
Top LED
.020
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.100
H
.043
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Top LED
I
.175
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.320
.100
Top LED

NEW!

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F	mA	mcd	Price Each 1	100	500	1000
Single General Purpose, Top View (550 Series)									
645-550-0204	A	Green	2.1	10	12.3	.84	.67	.59	.53
645-550-0304	A	Yellow	2.1	10	12.3	.84	.67	.59	.53
645-550-0404	A	Red	2.0	10	12.3	.84	.67	.59	.53
Single Integral Resistor, Top View (550 Series)									
645-550-0504	A	Red	5.0	13	2.0	1.17	.94	.82	.74
Single General Purpose Vertical (561 Series)									
645-561-2101-050	B	Red	2.2	10	7	.72	.58	.50	.46
645-561-2101-070	B	Red	2.2	10	7	.72	.58	.50	.46
645-561-2101-100	B	Red	2.2	10	7	.72	.58	.50	.46
645-561-2201-050	B	Y/G	2.0	10	32	.78	.62	.55	.49
645-561-2201-070	B	Y/G	2.0	10	32	.78	.62	.55	.49
645-561-2201-100	B	Y/G	2.0	10	32	.78	.62	.55	.49
645-561-2301-050	B	Y/G	2.4	10	10	.72	.58	.50	.46
645-561-2301-070	B	Y/G	2.4	10	10	.72	.58	.50	.46
645-561-2301-080	B	Y/G	2.4	10	10	.72	.58	.50	.46
645-561-2301-100	B	Y/G	2.4	10	10	.72	.58	.50	.46
Single High Efficiency, Top View (550 Series)									
645-550-2204	A	Green	2.1	10	10.0	.99	.79	.69	.63
645-550-2304	A	Yellow	2.1	10	6.3	.99	.79	.69	.63
645-550-2404	A	Red	2.2	10	7.0	.99	.79	.69	.63
Single Integral Resistor, Right Angle (550 Series)									
645-550-0507	C	Red	5.0	13	2.0	.96	.77	.67	.61
645-550-0707	C	Green	5.0	12	8.0	.96	.77	.67	.61
645-550-0807	C	Yellow	5.0	10	8.0	.96	.77	.67	.61
Single Low Current, Right Angle (550 Series)									
645-550-1107	C	Red	1.8	2	2.0	.90	.72	.63	.57
645-550-1207	C	Yellow	1.9	2	1.8	.90	.72	.63	.57
645-550-1307	C	Green	1.8	2	1.8	.90	.72	.63	.57

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F	mA	mcd	Price Each 1	100	500	1000
Single High Efficiency, Right Angle (550 Series)									
645-550-2207	C	Green	2.1	10	10.0	.75	.60	.53	.48
645-550-2307	C	Yellow	2.1	10	6.3	.75	.60	.53	.48
645-550-2407	C	Red	2.2	10	7.0	.75	.60	.53	.48
Single Superbright, Right Angle (550 Series)									
645-550-5107	C	Red	2.1	20	34.0	.90	.72	.63	.57
645-550-5207	C	Green	2.2	20	34.0	.90	.72	.63	.57
645-550-5307	C	Yellow	2.2	20	34.0	.90	.72	.63	.57
Single Bi-Color, Offset Right Angle (550 Series)									
645-550-3605	D	Y/G	2.1/2.1	20	5 / 8	2.01	1.61	1.41	1.27
645-550-3507	C	R/G	2.1/2.3	10	5 / 8	2.01	1.61	1.41	1.27
Single Bi-Color, In-Line Right Angle (550 Series)									
645-550-3509	E	R/G	2.1/2.3	10	5 / 8	2.01	1.61	1.41	1.27
Single Bi-Color, Right Angle (550 Series)									
645-550-3007	C	R/G	1.8/2.1	20	90/40	1.68	1.34	1.18	1.06
645-550-3008	F	R/G	1.8/2.1	20	90/40	2.01	1.61	1.41	1.27
Bi-Level General Purpose High Efficiency (552 Series)									
645-552-0211	G	Red	2.2	10	7	1.79	1.68	1.48	1.28
645-552-0222	G	Green	2.1	10	10	1.79	1.68	1.48	1.28
645-552-0233	G	Yellow	2.1	10	6.3	1.79	1.68	1.48	1.28
645-552-2211-100	H	Red	2.1	20	110	1.96	1.85	1.62	1.40
645-552-2222-100	H	Green	2.2	20	110	1.96	1.85	1.62	1.40
Bi-Level General Purpose Integral Resistor (552 Series)									
645-552-0311	G	Red	5.0	13	2	2.10	1.98	1.74	1.50
Bi-Level General Purpose Low Current (552 Series)									
645-552-0911	G	Red	1.8	2	2	1.96	1.85	1.62	1.40
Bi-Level General Purpose Bi-Color (552 Series)									
645-552-0711	G	R/G	1.8/2.1	20	90/40	2.63	2.48	2.18	1.88
645-552-3511	I	R/G	2.1/2.3	10	5/8	4.38	4.13	3.63	3.13

Dialight

Panel Mount Indicators

557 SERIES

NEW!

11/16" Mounting Hole

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F	mA	fL✻✻	Price Each			
						1	100	500	1000
Bi-Color, Superbright									
645-557-1412-203	A	R/G	5	70/16	400/1000	**18.90**	**15.53**	**14.18**	**13.50**
645-557-1432-203	A	Y/G	5	70/16	400/1000	**18.90**	**15.53**	**14.18**	**13.50**
Superbright									
645-557-1502-203	B	Red	5	80	1000	**15.82**	**13.00**	**11.87**	**11.30**
645-557-1503-203	B	Red	12	20	1000	**15.82**	**13.00**	**11.87**	**11.30**
645-557-1505-203	B	Red	24	20	1000	**15.82**	**13.00**	**11.87**	**11.30**
✻ 645-557-1602-203	B	Green	5	16	1000	**17.50**	**14.38**	**13.13**	**12.50**
✻ 645-557-1603-203	B	Green	12	16	1000	**17.50**	**14.38**	**13.13**	**12.50**
✻ 645-557-1605-203	B	Green	24	16	1000	**17.50**	**14.38**	**13.13**	**12.50**
645-557-1702-203	B	Yellow	5	80	1000	**15.82**	**13.00**	**11.87**	**11.30**
645-557-1703-203	B	Yellow	12	20	1000	**15.82**	**13.00**	**11.87**	**11.30**
645-557-1705-203	B	Yellow	24	20	1000	**15.82**	**13.00**	**11.87**	**11.30**
✻ 645-557-1802-203	B	Blue	5	16	250	**17.50**	**14.38**	**13.13**	**12.50**
✻ 645-557-1803-203	B	Blue	12	16	250	**17.50**	**14.38**	**13.13**	**12.50**
✻ 645-557-1805-203	B	Blue	24	16	250	**17.50**	**14.38**	**13.13**	**12.50**

✻ ESD Device ✻✻ Intensity measured in Foot Lamberts (1fL = cd/m²)

558 SERIES

NEW!

.159" Mounting Hole

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F (typ)	mA (typ)	mcd	Price Each			
						1	100	500	1000
Straight Terminals									
645-558-0101-001	C	Red	2.0	10	10.0	**.90**	**.72**	**.63**	**.57**
645-558-0201-001	C	Green	2.1	10	16.0	**.90**	**.72**	**.63**	**.57**
645-558-0301-001	C	Yellow	2.1	10	6.3	**.90**	**.72**	**.63**	**.57**
645-558-1101-001	C	Red	1.8	2	1.8	**1.20**	**.96**	**.84**	**.76**
645-558-1201-001	C	Yellow	1.9	2	1.6	**1.20**	**.96**	**.84**	**.76**
645-558-1301-001	C	Green	1.8	2	1.6	**1.20**	**.96**	**.84**	**.76**
645-558-3001-001	C	R/G	2.0/2.0	10	5.0/5.0	**1.86**	**1.49**	**1.30**	**1.18**
645-558-3201-001	C	Y/G	2.1/2.1	20	6.3/4.3	**1.86**	**1.49**	**1.30**	**1.18**
14" Wire Leads									
645-558-0101-007	D	Red	2.0	10	10.0	**1.74**	**1.39**	**1.22**	**1.10**
645-558-0201-007	D	Green	2.1	10	16.0	**1.74**	**1.39**	**1.22**	**1.10**
645-558-0301-007	D	Yellow	2.1	10	6.3	**1.74**	**1.39**	**1.22**	**1.10**
645-558-1101-007	D	Red	1.8	2	1.8	**1.95**	**1.56**	**1.37**	**1.24**
645-558-1201-007	D	Yellow	1.9	2	1.6	**1.95**	**1.56**	**1.37**	**1.24**
645-558-1301-007	D	Green	1.8	2	1.6	**1.95**	**1.56**	**1.37**	**1.24**
645-558-3001-007	D	R/G	2.0/2.0	10	1.6	**2.34**	**1.87**	**1.64**	**1.48**
645-558-3201-007	D	Y/G	2.1/2.1	20	5/15	**2.34**	**1.87**	**1.64**	**1.48**
645-558-0102-007	D	Red	5.0	10	4.0	**2.10**	**1.68**	**1.47**	**1.33**
645-558-0302-007	D	Yellow	5.0	10	8.0	**2.10**	**1.68**	**1.47**	**1.33**

559 SERIES

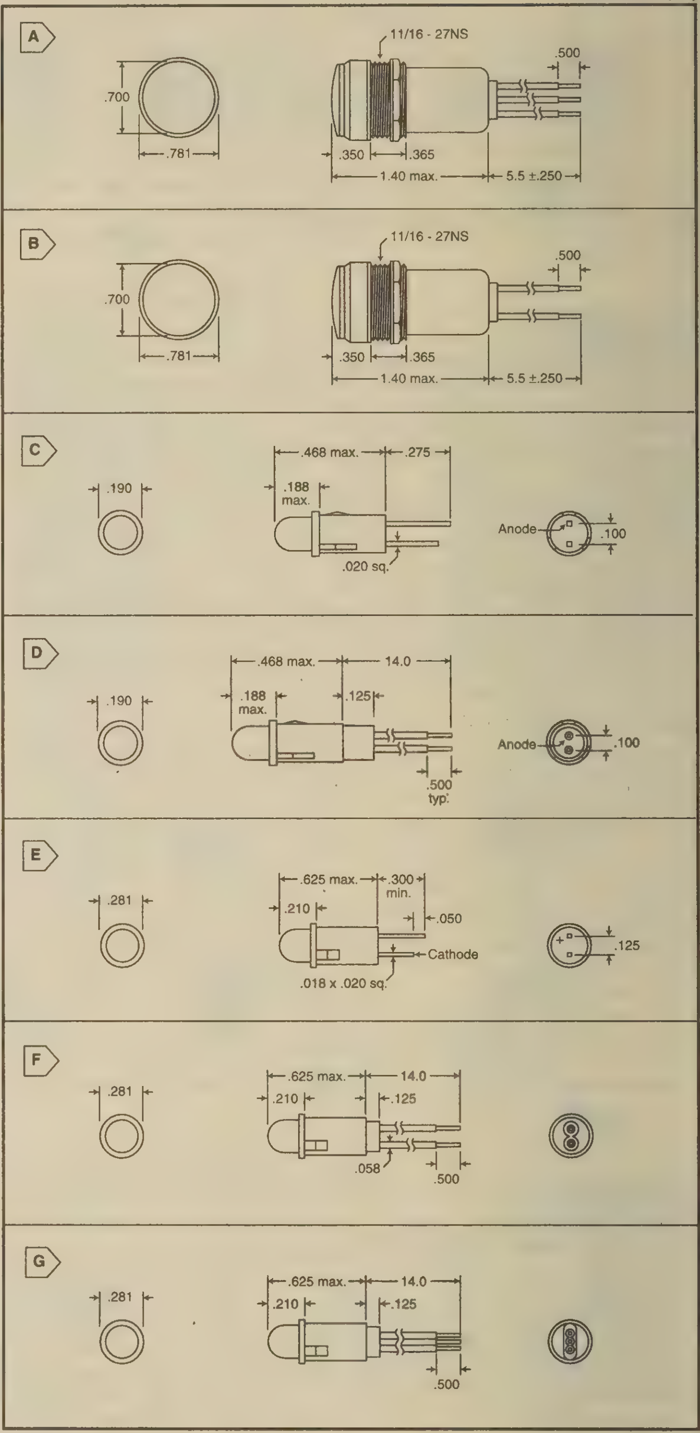
NEW!

.250" Mounting Hole

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F (typ)	mA (typ)	mcd	Price Each			
						1	100	500	1000
Straight Terminals									
645-559-1101-001	E	Red	1.8	2	2.0	**1.20**	**1.00**	**.80**	**.76**
645-559-1201-001	E	Yellow	1.9	2	1.8	**1.20**	**1.00**	**.80**	**.76**
645-559-1301-001	E	Green	1.8	2	1.8	**1.20**	**1.00**	**.80**	**.76**
645-559-2101-001	E	Red	2.2	10	7.0	**1.05**	**.88**	**.70**	**.67**
645-559-2201-001	E	Green	2.1	10	10.0	**1.05**	**.88**	**.70**	**.67**
645-559-2301-001	E	Yellow	2.1	10	6.3	**1.05**	**.88**	**.70**	**.67**
645-559-3001-001	E	R/G	1.8/2.1	20	60/20	**1.95**	**1.63**	**1.30**	**1.24**
645-559-3101-001	E	R/G	1.8/2.1	20	60/20	**1.86**	**1.55**	**1.24**	**1.18**
645-559-3201-001	E	Y/G	2.1/2.1	20	8.7/8.7	**1.86**	**1.55**	**1.24**	**1.18**
HiBright Dif Straight Terminals									
645-559-5101-001	E	Red	2.1	20	34.0	**1.14**	**.95**	**.76**	**.72**
645-559-5201-001	E	Green	2.2	20	34.0	**1.14**	**.95**	**.76**	**.72**
645-559-5301-001	E	Yellow	2.2	20	34.0	**1.14**	**.95**	**.76**	**.72**
14" Wire Leads									
645-559-0102-007	F	Red	5.0	13	2.0	**1.95**	**1.63**	**1.30**	**1.24**
645-559-0202-007	F	Green	5.0	12	8.0	**1.95**	**1.63**	**1.30**	**1.24**
645-559-0302-007	F	Yellow	5.0	10	8.0	**1.95**	**1.63**	**1.30**	**1.24**
645-559-1101-007	F	Red	1.8	2	2.0	**1.80**	**1.50**	**1.20**	**1.14**
645-559-1201-007	F	Yellow	1.8	2	1.8	**1.80**	**1.50**	**1.20**	**1.14**
645-559-1301-007	F	Green	1.8	2	1.8	**1.80**	**1.50**	**1.20**	**1.14**
645-559-2101-007	F	Red	2.2	10	7.0	**1.50**	**1.25**	**1.00**	**.95**
645-559-2201-007	F	Green	2.1	10	10.0	**1.50**	**1.25**	**1.00**	**.95**
645-559-2301-007	F	Yellow	2.1	10	6.3	**1.50**	**1.25**	**1.00**	**.95**
645-559-3001-007	F	R/G	1.7/2.0	20	60/40	**2.31**	**1.93**	**1.54**	**1.46**
645-559-3201-007	F	Y/G	1.8/2.1	20	8.7/8.7	**2.31**	**1.93**	**1.54**	**1.46**
645-559-3501-007	G	R/G	2.1/2.3	10	5.0/8.0	**3.75**	**3.13**	**2.50**	**2.38**
645-559-3601-007	G	Y/G	1.6/1.6	10	5.0/8.0	**3.75**	**3.13**	**2.50**	**2.38**

DIMENSIONS (IN.)



559 SERIES (cont.)

NEW!

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	V_F (typ)	mA (typ)	mcd	Price Each			
						1	100	500	1000
HiBright Dif 14" Wire Leads									
645-559-5101-007	F	Red	2.1	20	34.0	**1.65**	**1.38**	**1.10**	**1.05**
645-559-5201-007	F	Green	2.1	20	34.0	**1.65**	**1.38**	**1.10**	**1.05**
645-559-5301-007	F	Yellow	2.1	20	34.0	**1.65**	**1.38**	**1.10**	**1.05**
Ultra Bright Dif 14" Wire Leads									
645-559-5901-007	F	Amber	2.02	20	3100	**2.85**	**2.38**	**1.90**	**1.81**
645-559-6101-007	F	Red	1.9	20	2100	**2.85**	**2.38**	**1.90**	**1.81**
645-559-6001-007	F	Blue	3.6	20	650	**9.75**	**8.13**	**6.50**	**6.18**
645-559-6201-007	F	Green	3.5	20	2200	**9.75**	**8.13**	**6.50**	**6.18**
645-559-6401-007	F	White	3.5	20	600	**9.75**	**8.13**	**6.50**	**6.18**

LED Lamps

LED LAMPS

Standard T-1

• Forward current: 10mA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Max.			1	100	500
604-L934HD	A	Red	Red Diff.	2.0	2.5	1.3	5.0	700	60°	.16	.13	.11
604-L934ID	A	Hi-Eff. Red	Red Diff.	2.0	2.5	12.5	50.0	625	60°	.18	.15	.12
604-L934GD	A	Green	Green Diff.	2.2	2.5	8.0	32.0	565	60°	.20	.17	.14
604-L934YD	A	Yellow	Yellow Diff.	2.1	2.5	8.0	32.0	590	60°	.16	.13	.11
604-L934IT	A	Hi-Eff. Red	Red Trans.	2.0	2.5	32.0	125.0	625	50°	.16	.13	.11
604-L934GT	A	Green	Green Trans.	2.2	2.5	20.0	80.0	565	50°	.16	.13	.11
604-L934YT	A	Yellow	Yellow Trans.	2.1	2.5	10.0	50.0	590	50°	.18	.15	.12

Standard T-1 3/4

• Forward current: 10mA

For quantities greater than listed, call for quote.

604-L53HD	B	Red	Red Diff.	2.0	2.5	2.0	5.0	700	60°	.16	.13	.11
604-L53ID	B	Hi-Eff. Red	Red Diff.	2.0	2.5	20.0	80.0	625	60°	.18	.15	.12
604-L53GD	B	Green	Green Diff.	2.2	2.5	5.0	32.0	565	60°	.19	.16	.13
604-L53YD	B	Yellow	Yellow Diff.	2.1	2.5	5.0	32.0	590	60°	.16	.13	.11
604-L53IT	B	Hi-Eff. Red	Red Trans.	2.0	2.5	50.0	200.0	625	30°	.14	.11	.09
604-L53GT	B	Green	Green Trans.	2.2	2.5	20.0	80.0	565	30°	.15	.12	.10
604-L53YT	B	Yellow	Yellow Trans.	2.1	2.5	20.0	80.0	590	30°	.17	.14	.12

8mm

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L793ID	C	Hi-Eff. Red	Red Diff.	2.0	2.5	20.0	100.0	625	60°	.30	.24	.20
604-L793GD	C	Green	Green Diff.	2.2	2.5	20.0	70.0	565	60°	.30	.24	.20
604-L793YD	C	Yellow	Yellow Diff.	2.1	2.5	20.0	70.0	590	60°	.30	.24	.20

Super Bright T-1

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L934SRCD	A	Red	Water Clear	1.85	2.5	500	700	660	50°	.34	.27	.24
604-L934SRCF	A	Red	Water Clear	1.85	2.5	1000	1200	660	50°	.62	.49	.42
604-L934SGC	A	Green	Water Clear	2.2	2.5	100	300	565	50°	.18	.15	.12
604-L934SRDD	A	Red	Red Diffused	1.85	2.5	100	200	660	60°	.30	.24	.20
604-L934SRDE	A	Red	Red Diffused	1.85	2.5	200	300	660	60°	.34	.27	.24
604-L934SRDG	A	Red	Red Diffused	1.85	2.5	400	600	660	60°	.62	.49	.42
604-L934SGD	A	Green	Grn Diffused	2.2	2.5	40	60	565	60°	.17	.13	.12

Super Bright T-1 3/4

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L53SRCC	B	Red	Water Clear	1.85	2.5	500	1000	660	30°	.23	.18	.16
604-L53SRCDU	B	Red	Water Clear	1.85	2.5	1000	1300	660	30°	.27	.22	.19
604-L53SRCE	B	Red	Water Clear	1.85	2.5	2000	3500	660	30°	.55	.44	.37
604-L53SGC	B	Green	Water Clear	2.2	2.5	100	300	565	30°	.23	.18	.16
604-L53SRDD	B	Red	Red Diffused	1.85	2.5	200	300	660	60°	.27	.22	.19
604-L53SRDF	B	Red	Red Diffused	1.85	2.5	500	700	660	60°	.55	.44	.37
604-L53SRDG	B	Red	Red Diffused	1.85	2.5	700	1000	660	60°	.59	.47	.41
604-L53SGD	B	Green	Green Diff.	2.2	2.5	40	60	565	60°	.21	.17	.14

Super Bright 10mm

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L813SRCC	D	Red	Water Clear	1.85	2.5	1000	1600	660	40°	.46	.36	.31
604-L813SRCE	D	Red	Water Clear	1.85	2.5	2000	3000	660	40°	.84	.67	.58

Pin Point .08" (2mm)

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L21HD	E	Red	Red Diff.	2.0	2.5	0.5	0.8	700	60°	.21	.17	.14
604-L21GD	E	Green	Green Diff.	2.25	2.6	1.25	3.2	565	60°	.21	.17	.14
604-L21YD	E	Yellow	Yellow Diff.	2.1	2.5	2.0	3.2	590	60°	.23	.18	.16

Rectangular

• Forward current: 10mA

For quantities greater than listed, call for quote.

604-L103HD	F	Red	Red Diffused	2.0	2.5	0.5	2.0	700	110°	.16	.13	.11
604-L103GD	F	Green	Green Diff.	2.0	2.5	2.0	8.0	565	110°	.16	.13	.11
604-L103YD	F	Yellow	Yellow Diff.	2.1	2.5	2.0	8.0	590	110°	.18	.15	.12
604-L113HDT	G	Red	Red Diffused	2.0	2.5	0.5	2.0	700	110°	.17	.14	.12
604-L113GDT	G	Green	Green Diff.	2.2	2.5	2.0	8.0	565	110°	.19	.16	.13
604-L113YDT	G	Yellow	Yellow Diff.	2.1	2.5	2.0	8.0	590	110°	.18	.15	.12
604-L153HDT	H	Red	Red Diffused	2.0	2.5	0.8	1.3	700	110°	.19	.16	.13
604-L153GDT	H	Green	Green Diff.	2.2	2.5	1.3	8.0	565	110°	.19	.16	.13
604-L153YDT	H	Yellow	Yellow Diff.	2.1	2.5	1.3	8.0	590	110°	.18	.15	.12

Square .2" x .2" (5mm x 5mm)

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L503HDT	I	Red	Red Diff.	2.0	2.5	0.5	2.0	700	110°	.21	.17	.14
604-L503GDT	I	Green	Green Diff.	2.25	2.6	1.3	8.0	565	110°	.23	.15	.16
604-L503YDT	I	Yellow	Yellow Diff.	2.1	2.5	1.3	8.0	590	110°	.23	.18	.16

Cylindrical

• Forward current: 10mA

For quantities greater than listed, call for quote.

604-L483IDT	J	Hi-Eff. Red	Red Diffused	2.0	2.5	3.2	12.5	625	100°	.21	.17	.14
604-L483GDT	J	Green	Green Diff.	2.2	2.5	1.3	8.0	565	100°	.18	.15	.12
604-L483YDT	J	Yellow	Yellow Diff.	2.1	2.5	1.3	8.0	590	100°	.21	.17	.14

T-1 Dual Color

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L937EGW	A	Red/Green	White Diff.	2.0/2.2	2.5/2.5	8/8	40/40	625/565	60°	.34	.27	.24
604-L937GYW	A	Green/Yellow	White Diff.	2.2/2.1	2.5/2.5	8/5	40/20	565/590	60°	.36	.29	.25
604-L93WEGW	K	Red/Green	White Diff.	2.0/2.2	2.5/2.5	20/20	50/50	625/565	60°	.50	.40	.34
604-L93WEGC	K	Red/Green	Water Clear	2.0/2.2	2.5/2.5	40/20	160/80	625/565	24°	.55	.44	.37

T-1 3/4 Dual Color

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L57EGW	B	Red/Green	White Diff.	2.0/2.2	2.5/2.5	20/15	50/40	625/565	60°	.47	.40	.32
604-L57GYW	B	Green/Yellow	White Diff.	2.2/2.1	2.5/2.5	12.5/5	40/20	565/590	60°	.46	.36	.31
604-L59EGW	L	Red/Green	White Diff.	2.0/2.2	2.5/2.5	20/20	90/70	625/565	60°	.34	.27	.24
604-L59GYW	L	Green/Yellow	White Diff.	2.2/2.1	2.5/2.5	20/20	70/60	565/590	60°	.39	.31	.27

Rectangular Dual Color

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L119EGW	M	Red/Green	White Diff.	2.0/2.2	2.5/2.5	8/5	20/12.5	625/565	110°	.34	.27	.24

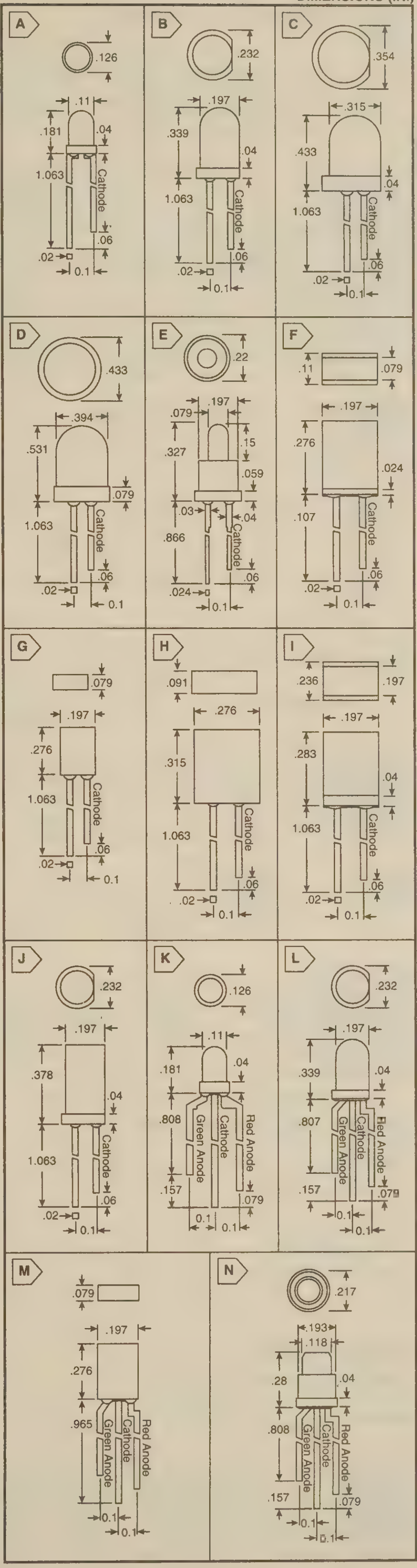
Dual Color Pin Point .12" (3mm)

• Forward current: 20mA

For quantities greater than listed, call for quote.

604-L469EGW	N	Red/Green	White Diff.	2.0/2.2	2.5/2.5	5.0	20.0	625/565	60°	.46	.36	.31

DIMENSIONS (IN.)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LED Lamps

BLINKING LED LAMPS

DIMENSIONS (IN.)

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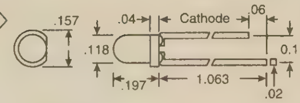

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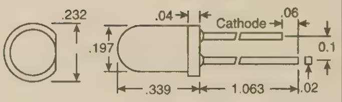


T-1 (3mm) Size

- Forward current: 38-56mA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage		Luminous Intensity		Peak Wave-length p (nm)	Viewing Angle	Price Each		
		LED	Lens	Min.	Typ.	Min.	Typ.			1	100	500
604-L36BHD	A	Red	Red Diff.	3.5	9-12	1.3	3.2	700	60°	.88	.71	.60
604-L36BGD	A	Green	Green Diff.	3.5	9-12	5.0	32.0	565	60°	.88	.71	.60
604-L36BYD	A	Yellow	Yellow Diff.	3.5	9-12	5.0	32.0	590	60°	.88	.71	.60

T-1 3/4 (5mm) Size

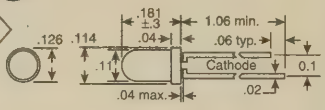
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	LED	Lens	Forward Voltage Min.	Forward Voltage Typ.	Luminous Intensity Min.	Luminous Intensity Typ.	Peak Wave-length p (nm)	Viewing Angle	1	100	500
604-L56BHD	B	Red	Red Diff.	3.5	9-12	2.0	8.0	700	60°	.83	.67	.57
604-L56BGD	B	Green	Green Diff.	3.5	9-12	5.0	32.0	565	60°	.83	.67	.57
604-L56BYD	B	Yellow	Yellow Diff.	3.5	9-12	5.0	32.0	590	60°	.83	.67	.57
604-L56BSRDB	B	Red	Red Diff.	3.5	9-12	100	300	660	60°	.98	.78	.67

BLUE LED LAMPS

DIMENSIONS (IN.)

A



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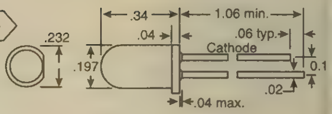


This new series offers a brighter version of the blue LED's without the high costs that is associated with the Super Bright Blue LED's. This offers our customers the more popular sizes and lens colors that have been requested at a modest cost.

T-1 (3mm) Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Fwd. Voltage (I_F = 20mA)		Luminous Intensity		Peak Wave-length p (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
604-L934MBD	A	Blue	Blue Diff.	4.5	5.5	12.5	40.0	430	60°	2.52	2.27	2.14
604-L934MBC	A	Blue	Water Clear	4.5	5.5	20.0	90.0	430	20°	2.52	2.27	2.14

T-1 3/4 (5mm) Size

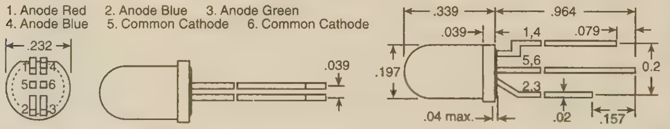
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	LED	Lens	Fwd. Voltage Typ.	Fwd. Voltage Max.	Luminous Intensity Min.	Luminous Intensity Typ.	Peak Wave-length p (nm)	Viewing Angle	1	100	500
604-L53MBD	B	Blue	Blue Diff.	4.8	5.8	20.0	50.0	430	50°	2.52	2.27	2.14
604-L53MBC	B	Blue	Water Clear	4.8	5.8	60.0	150.0	430	16°	2.52	2.27	2.14

MULTI-COLOR LED LAMP

This unique LED indicator design combines a red, green, and two blue chips in a single 5mm package. This device is able to produce a wide range of colors in the visible spectrum by simply varying the current to each of the LEDs. The industry standard 5mm package has a white diffused lens which allows color mixing within the package. The multi-color package allows limited design and product flexibility by choosing any color desired and allowing the flexibility to change the color later.

1. Anode Red 2. Anode Blue 3. Anode Green
4. Anode Blue 5. Common Cathode 6. Common Cathode



T-1 3/4 (5mm) Round

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color		Fwd. Voltage (I_F = 20mA)		Luminous Intensity		Peak Wave-length p (nm)	Viewing Angle	Price Each		
	LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
604-LF59EBGBW	Red	White Diffused	2.0	2.5	20.0	90.0	625	30°	7.00	6.30	5.95
	Green	White Diffused	2.2	2.5	10.0	70.0	525	30°			
	Blue	White Diffused	3.8	4.4	3.2	12.5	430	30°			
	Blue	White Diffused	3.8	4.4	3.2	12.5	430	30°			

LED LAMPS

DIMENSIONS (IN.)

A

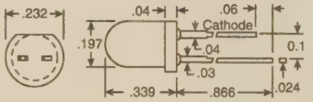
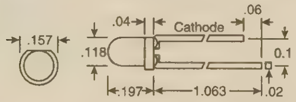


Photo Transistor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Breakdown Voltage		Dark Current Maximum	Rise/Fall Time Typical	On-State Collector Current		Collector-Emitter Saturation Breakdown Voltage	Power Dissipation @ 25°C	Price Each		
		CEO	ECO			Min.	Max.			1	100	500
604-L51P3C	A	30V	5V	100nA	3us	1mA	8mA	0.8V	100mW	.30	.24	.20

B



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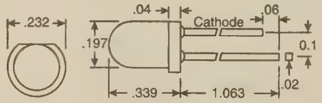


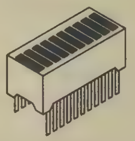
Infrared Diodes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Lens Color	Forward Voltage		Radiant Power		Reverse Current	Peak Wavelength (nm)	Viewing Angle	Price Each		
			Typ.	Max.	Min.	Typ.	Max.			1	100	500
604-L34SF4C	B	Wtr Clear	1.4	1.7	3.2	7.0	10uA	880	30°	.50	.40	.34
604-L53SF4BT	C	Blue	1.4	1.7	5.0	10.0	10uA	880	30°	.68	.55	.47
604-L53SF4C	C	Wtr Clear	1.4	1.7	5.0	10.0	10uA	880	30°	.68	.55	.47

LED BAR GRAPHS

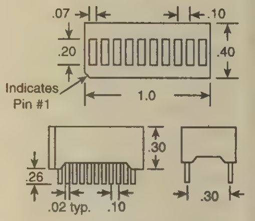
Specifications: • Reverse current: 100µA (per LED)



Features:

- 10 large, well defined segments
- High on-off contrast
- IC compatible
- Package interlock to ensure correct alignment
- End stackable for long string info. capability
- Individually addressable LED's for choice of drive
- Industry standard .30" wide and 0.10" spaced dual-in line configuration
- Wide viewing angle
- Low profile package
- Rugged construction

DIMENSIONS (IN.)



Applications:

- Instrumentation • Industrial controls • Office equipment
- Computer peripherals • Consumer products

MOUSER STOCK NO.	Color	V_F Typ. Per LED @ 10mA		Luminous Intensity (mcd)	Peak Emission Wavelength (nm)	Price Each			
		Typ.	Max.			1	10	100	500
351-2402	Red	2.1	2.6	0.8	695	2.42	2.20	2.00	1.88
351-2403	Green	2.2	2.8	6.5	565	2.59	2.35	2.14	2.01

CIRCUIT BOARD LED INDICATORS

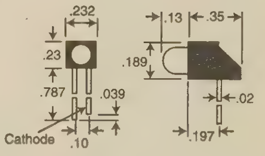
Specifications:

- Max. reverse voltage: 5V
- Max. reverse current: 100µA

DIMENSIONS (IN.)

Features:

- Lens type: diffused
- TTL and DTL compatible
- Low cost/long life
- Black plastic case for high contrast background



Individual Unit

MOUSER STOCK NO.	Color	Forward Voltage (V)		Luminous Intensity (mcd)		Peak Wavelength (nm)	Price Each			
		Typ.	Max.	Min.	Typ.		1	10	100	500
351-2501	Red	2.2	2.8	0.2	2.7	695	.38	.35	.31	.29
351-2502	Green	2.2	2.8	1.0	13.0	570	.42	.38	.35	.32
351-2503	Yellow	2.1	2.8	1.0	15.0	590	.47	.43	.39	.35

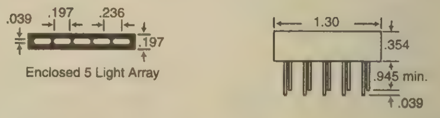
LIGHT ARRAYS

Specifications: • I_R = 100µA (per LED) max.

DIMENSIONS (IN.)

Features: • Compatible with most DTL and TTL circuits • Low cost, long life • Solid state reliability

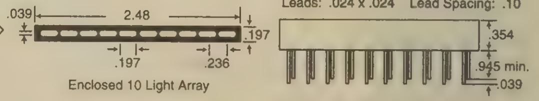
A



Enclosed 5 Light Array

Leads: .024 x .024 Lead Spacing: .10

B



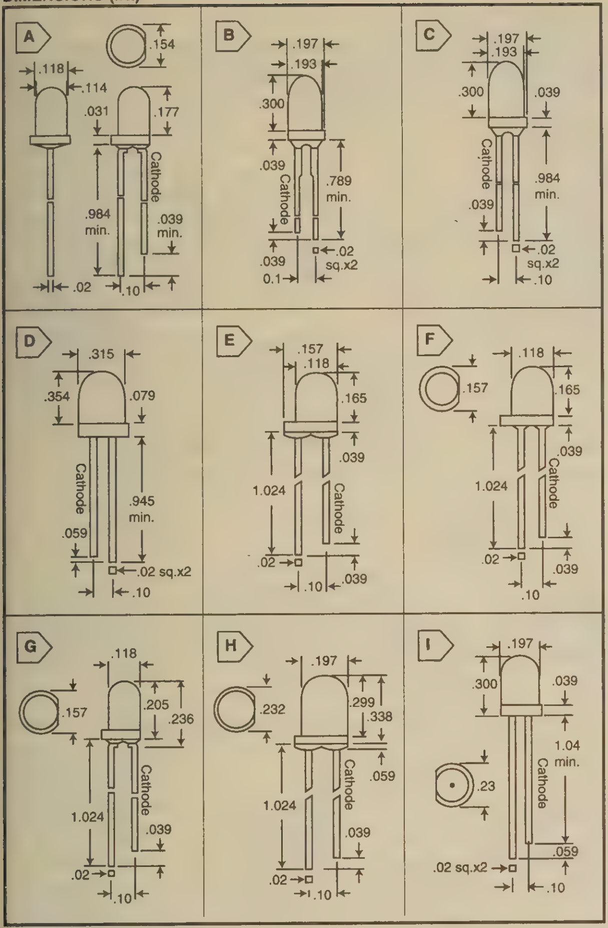
Enclosed 10 Light Array

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Forward Voltage (Typ.)	Luminous Intensity		Peak Wavelength (nm)	Price Each		
				Min.	Typ.		1	10	100
351-1901	A	Red	2.2	—	4.0	695	1.57	1.31	1.19
351-2001	B	Red	2.2	0.4	0.8	695	3.01	2.32	2.11

LED Lamps and Indicators

DIMENSIONS (IN.)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.789 min.
.039
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.02 sq.x2
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.197
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.039
Cathode
.039
.984 min.
.02 sq.x2
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D
.315
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.079
Cathode
.945 min.
.059
.02 sq.x2
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STANDARD LED LAMPS

- Reverse voltage: 5V max.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
T-1 Miniature Size (3mm)												
351-3102	A	Red	Red Diff	2.2	2.8	2.0	4.0	695	40°	.19	.14	.13
351-3003	A	Green	Green Diff	2.2	2.8	3.0	7.0	570	120°	.19	.14	.13
351-3103	A	Green	Green Diff	2.2	2.8	7.0	17.0	570	40°	.19	.14	.13
T-1 3/4 Standard Size (5mm)												
351-5001	B	Red	Red Diff	1.7	2.0	0.5	1.0	655	130°	.19	.14	.13
351-5022	C	Red	Red Diff	2.2	2.8	2.0	5.0	695	35°	.19	.14	.13
351-5003	B	Green	Green Diff	2.2	2.8	3.5	6.5	570	130°	.19	.14	.13
351-5023	C	Green	Green Diff	2.2	2.8	2.0	18.0	570	35°	.19	.14	.13
Jumbo Size (8mm)												
351-7542	D	Red	Red Diff	2.1	3.0	4.1	10.3	635	40°	.66	.44	.40
351-7540	D	Green	Green Diff	2.1	3.0	3.5	8.9	567	40°	.69	.47	.43
351-7541	D	Yellow	Yellow Diff	2.1	3.0	2.9	7.3	585	40°	.74	.49	.45

SUPER-BRIGHT LED LAMPS

- Operating and storage temperature: -40°C to 100°C

T-1 Miniature Size (3mm)

- Reverse current: 100μA
- Reverse voltage: 5V max.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	10	100
351-3232	E	Red	Diffused	1.5	2.4	100	180	660	68°	.30	.25	.22
351-3242	E	Green	Diffused	1.7	2.8	18	30	565	68°	.30	.25	.22
351-3252	E	Yellow	Diffused	1.7	2.8	150	280	585	68°	.30	.25	.22
351-3231	F	Red	Transparent	1.5	2.4	180	300	660	20°	.30	.25	.22
351-3241	F	Green	Transparent	1.7	2.8	36	60	565	20°	.30	.25	.22
351-3251	F	Yellow	Transparent	1.7	2.8	36	60	585	20°	.30	.25	.22
351-3230	G	Red	Water Clear	1.5	2.4	150	300	660	38°	.30	.25	.22
351-3240	G	Green	Water Clear	1.7	2.8	150	300	565	38°	.30	.25	.22
351-3250	G	Yellow	Water Clear	1.7	2.8	150	300	585	38°	.30	.25	.22

T-1 3/4 Standard Size (5mm)

- Reverse current: 100μA
- Reverse voltage: 5V max.

351-5111	H	Red	Diffused	1.5	2.4	120	200	660	44°	.30	.25	.22
351-5502	H	Green	Diffused	1.7	2.8	25	40	565	44°	.30	.25	.22
351-5302	H	Yellow	Diffused	1.7	2.8	180	300	585	44°	.30	.25	.22
351-5110	H	Red	Transparent	1.5	2.4	600	1000	660	20°	.30	.25	.22
351-5501	H	Green	Transparent	1.7	2.8	180	300	565	20°	.30	.25	.22
351-5301	H	Yellow	Transparent	1.7	2.8	150	250	585	20°	.30	.25	.22
351-5100	H	Red	Water Clear	1.5	2.4	600	1000	660	20°	.24	.20	.18
351-5200	H	Red	Water Clear	1.5	2.4	1200	2000	660	20°	.77	.64	.58
351-5500	H	Green	Water Clear	1.7	2.8	300	500	565	20°	.24	.20	.18
351-5300	H	Yellow	Water Clear	1.7	2.8	150	300	585	20°	.24	.20	.18

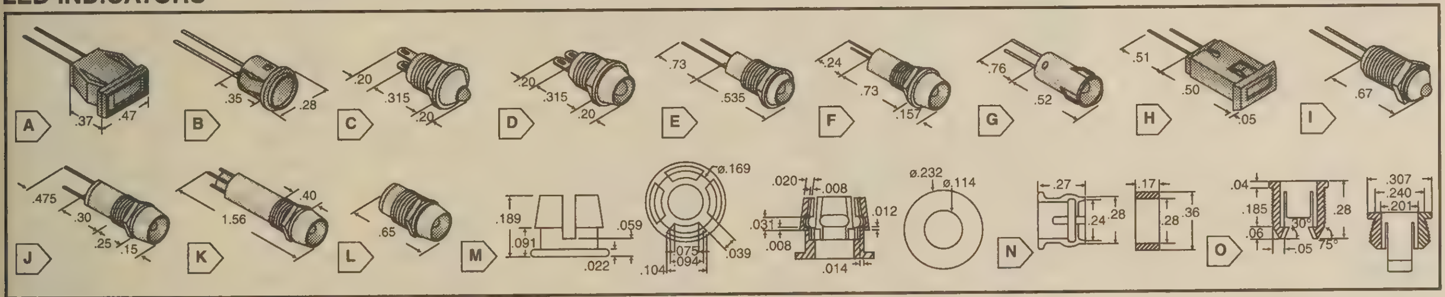
BLINKING LEDS

Ta = 25°C Test Condition @ 5V (Typical Characteristics)

351-8001	I	Red	Red Diff	3.0	15.0	15.0	2.0	697	16°	1.17	.99	.79

LED INDICATORS

DIMENSIONS (IN.)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D
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E
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F
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G
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H
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I
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J
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.06
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.05
75°
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.201

Snap-In LED Indicators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Color	Mtg. Hole (In.)	Forward Voltage (V)	Price Each			
						1	10	100	500
351-MP072-R	A	Rectangular	Red	.46 x .21	2.1	**2.29**	**1.90**	**1.73**	**1.57**
351-MP072-G	A	Rectangular	Green	.46 x .21	2.1	**2.40**	**2.00**	**1.81**	**1.65**
351-MP072-Y	A	Rectangular	Yellow	.46 x .21	2.1	**2.40**	**2.00**	**1.81**	**1.65**
351-MP075-R	B	Round	Red	.31	2.1	**1.85**	**1.54**	**1.40**	**1.28**
351-MP075-G	B	Round	Green	.31	2.1	**2.20**	**1.84**	**1.67**	**1.52**
351-MP075-Y	B	Round	Yellow	.31	2.1	**2.20**	**1.84**	**1.67**	**1.52**

High Reliability LED Indicators

- Red LED indicators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Mtg. Hole (In.)	Forw. Volt	Max. I_F (mA)	Max. V_R	Price Each			
							1	100	500	1000
35MP050	C	Black Plastic	.37	2.1	30	4	2.82	2.35	2.14	1.95
35MP051	D	Black Plastic	.37	2.1	30	4	2.82	2.35	2.14	1.95
35MP054	C	Metal Case	.37	2.1	30	4	3.55	2.97	2.69	2.45
35MP055	D	Metal Case	.37	2.1	30	4	3.55	2.97	2.69	2.45
35MP062	E	Black Plastic	.30	1.67	30	4	2.03	1.69	1.54	1.39
35MP070	F	Metal Case	.28	1.67	30	4	3.49	2.90	2.64	2.40
35MP058	G	Red Plastic	.24	1.67	5	4	1.79	1.50	1.36	1.23
35MP059	H	Black Plastic	.26 x .18	2.1	30	4	2.13	1.78	1.62	1.47

Standard T-1 (3mm) LED Indicator Assembly

MOUSER STOCK NO.	Fig.	Color	Lens	Mtg. Hole (In.)	Forward Voltage	Price Each			
						1	10	100	500
35CA001	I	Red	Diffused	.23	2.0V	.88	.66	.61	.55

Standard T-1 3/4 (5mm) LED Indicator Assembly w/Chrome Bezel

∗ Dropping resistor included

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Lens	Mtg. Hole (In.)	Forward Voltage	Price Each			
						1	10	100	500
35CA004	J	Red	Water Clr	.335	2.0V	1.19	.90	.81	.74
35CA005	J	Green	Water Clr	.335	2.0V	1.19	.90	.81	.74
35CA006	J	Yellow	Water Clr	.335	2.0V	1.19	.90	.81	.74
35CA007	J	Red	Red Diff	.335	2.0V	1.19	.90	.81	.74
35CA008	J	Green	Green Diff	.335	2.0V	1.19	.90	.81	.74
35CA009	J	Yellow	Yellow Diff	.335	2.0V	1.19	.91	.81	.74
∗ **35CA002**	K	Red	Red Diff	.335	6.0V	1.36	1.04	.95	.86
∗ **35CA003**	K	Red	Red Diff	.335	12.0V	1.36	1.04	.95	.86

Chasis Mount T-1 3/4 LED Bezel

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Bezel Color	Mtg. Hole (In.)	Description	Price Each			
					1	10	100	500
351-1000	L	Black	5/16	For mounting	.77	.60	.54	.49
351-1001	L	Chrome	5/16	T-1 3/4 size LEDs	.96	.74	.67	.61

LED Panel Mounting Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Size	Description	Price Each			
					1	100	500	1000
351-0001	M	Black	T-1	One piece	.15	.10	.09	.07
351-0002	N	Black	T-1 3/4	Two piece	.15	.10	.09	.07
351-0003	O	black	T-1 3/4	One piece	.13	.07	.06	.045

LED Lenses and Mounting Components

PRE-WIRED SOLDERLESS LED INTERCONNECTIONS

This modular assembly is designed for use in the electrical connection of panel mounted LEDs to printed circuit boards. This off-the-shelf, plug in system eliminates many of the problems typical of devices and assemblies currently in use. It is designed to make quick and easy plug-in connections between panel mounted LEDs and the printed circuit boards. The modular concept of panel and header along with different wire lengths offer a cost reducing, off-the-shelf solution to cabling problems. The LEDs and panel lens must be ordered separately. A number of other terminations, wire colors, and wire lengths are available upon request. Please contact us for more information.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Length (In.)	Price Each		
		1	10	100
3mm Bi-Lead LED/.025" Header Post				
593-CNXBE2104	4	1.34	1.22	1.10
593-CNXBE2108	8	1.34	1.22	1.10
593-CNXBE2112	12	1.54	1.40	1.26
593-CNXBE2118	18	1.74	1.58	1.42
593-CNXBE2124	24	1.87	1.70	1.53
5mm Bi-Lead LED/.025" Header Post				
593-CNXCE2104	4	1.34	1.22	1.10
593-CNXCE2108	8	1.34	1.22	1.10
593-CNXCE2112	12	1.54	1.40	1.26
593-CNXCE2118	18	1.74	1.58	1.42
593-CNXCE2124	24	1.87	1.70	1.53

Mounting Specifications:

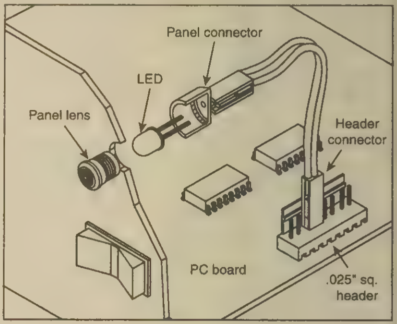
- Panel connector 3mm: mate with SMC 170
- Panel connector 5mm: mate with CMC 321
- Can be mated with CLIPLITE models CLF 280, CLB 300, CLIPLITE clipmount models CLP 125, 127, 129 and CUBELITE SQB 400
- Panel thickness: SMC 170 = .100" max.; CMC 321 = 125" max.; CLF 280, CLP125, 127, and 129 = .110" max.; CLB 300 and SQB 400 = .250" max. Use SPC 125 spacer for panels less than 3/16" with CLB, CLP, and SQB.
- LED lead trimming: SMC 170 and CMC 321 = .250"±.010"
- Hole size: SMC 170 = .171" (11/64"); CMC 321 = .281" (9/32"). Use .250" for all other mounts. All holes deburred but not chamfered.
- Header connector: mates with standard and friction header .025" pins on .100" center

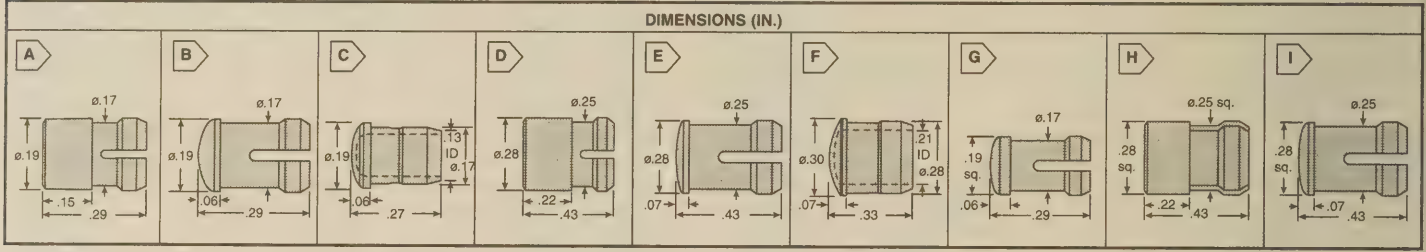
Material Specifications:

- Panel connector socket and ring: thermoplastic
- Header connector: thermoplastic (UL Listed materials)
- Terminals: phosphor bronze, tin plated
- Wire: 22AWG, 7 strand copper, insulated

Electrical Specifications:

- Terminal: 3A continuous service
- Unique three-finger design mates to round, square, or rectangular leads .017" to .025"





CLIPLITE AND CUBELITE LENS MOUNTS FOR T1 AND T1 3/4 LEDS

Specifications:

- Lens material: polycarbonate

Features:

- Provides viewing angles up to 180°
- High contrast and visibility
- Provides an easy snap-mount method for mounting LEDs through the front panel
- Protects the LED from physical damage from electrostatic discharge (ESD), up to 16KV
- Lens mounts utilize striated lines and fresnel rings to increase apparent brightness up to 125%

Type	Mtg. Hole (In.)	Price Each			
		1	10	100	500
T1	.171	.23	.21	.18	Call For Quote
T1 3/4	.250	.25	.22	.19	
3600 Series					
T1 3/4	.25	.27	.23	.20	

Round Lens

MOUSER STOCK NO.	Fig.	Lens Colors	VCC Part No.
T1 (3mm) Standard Height			
593-1900R	A	Red	SML190RTP
593-1900A	A	Amber	SML190ATP
593-1900G	A	Green	SML190GTP
593-1900Y	A	Yellow	SML190YTP
593-1900B	A	Blue	SML190BTP
593-1900C	A	Clear	SML190CTP
T1 (3mm) Low Profile			
593-2000R	B	Red	SMB200RTP
593-2000A	B	Amber	SMB200ATP
593-2000G	B	Green	SMB200GTP
593-2000Y	B	Yellow	SMB200YTP
593-2000B	B	Blue	SMB200BTP
593-2000C	B	Clear	SMB200CTP
T1 (3mm) Low Profile Panel Mount For use with LED Interconnections			
593-1700R	C	Red	SMC170RTP
593-1700A	C	Amber	SMC170ATP
593-1700G	C	Green	SMC170GTP
593-1700Y	C	Yellow	SMC170YTP
593-1700B	C	Blue	SMC170BTP
593-1700C	C	Clear	SMC170CTP

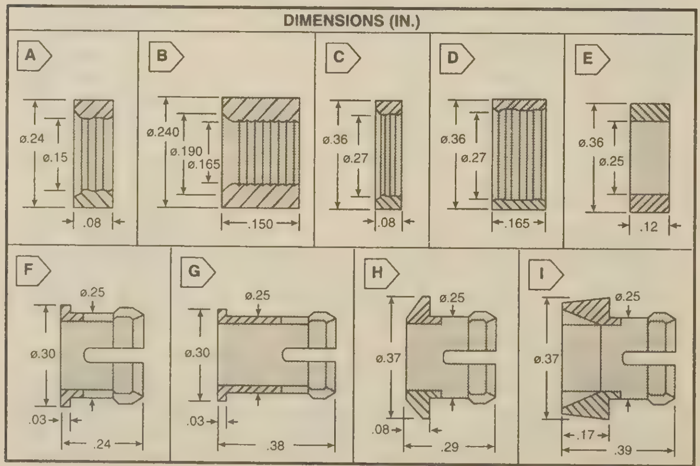
Round Lens

MOUSER STOCK NO.	Fig.	Lens Colors	VCC Part No.
T1 3/4 (5mm) Standard Height			
593-2800R	D	Red	CLF280RTP
593-2800A	D	Amber	CLF280ATP
593-2800G	D	Green	CLF280GTP
593-2800Y	D	Yellow	CLF280YTP
593-2800B	D	Blue	CLF280BTP
593-2800C	D	Clear	CLF280CTP
T1 3/4 (5mm) Low Profile			
593-3000R	E	Red	CLB300RTP
593-3000A	E	Amber	CLB300ATP
593-3000G	E	Green	CLB300GTP
593-3000Y	E	Yellow	CLB300YTP
593-3000B	E	Blue	CLB300BTP
593-3000C	E	Clear	CLB300CTP
T1 3/4 (5mm) Low Profile Panel Mount For use with LED Interconnections			
593-3210R	F	Red	CMC321RTP
593-3210A	F	Amber	CMC321ATP
593-3210G	F	Green	CMC321GTP
593-3210Y	F	Yellow	CMC321YTP
593-3210B	F	Blue	CMC321BTP
593-3210C	F	Clear	CMC321CTP

Square Lens

MOUSER STOCK NO.	Fig.	Lens Colors	VCC Part No.
T1 (3mm) Low Profile			
593-2500R	G	Red	SMQ250RTP
593-2500A	G	Amber	SMQ250ATP
593-2500G	G	Green	SMQ250GTP
593-2500Y	G	Yellow	SMQ250YTP
593-2500B	G	Blue	SMQ250BTP
593-2500C	G	Clear	SMQ250CTP
T1 3/4 (5mm) Standard Height			
593-3600R	H	Red	SQL360RTP
593-3600A	H	Amber	SQL360ATP
593-3600G	H	Green	SQL360GTP
593-3600Y	H	Yellow	SQL360YTP
593-3600B	H	Blue	SQL360BTP
593-3600C	H	Clear	SQL360CTP
T1 3/4 (5mm) Low Profile			
593-4000R	I	Red	SQB400RTP
593-4000A	I	Amber	SQB400ATP
593-4000G	I	Green	SQB400GTP
593-4000Y	I	Yellow	SQB400YTP
593-4000B	I	Blue	SQB400BTP
593-4000C	I	Clear	SQB400CTP

MOUNTING ACCESSORIES



Retaining Rings

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
593-RNG132	A	For 1700 Series	.05	.048	.046
593-RNG165	B	For 1900, 2000, and 2500 Series	.05	.048	.046
593-RNG234	C	For 3210 Series	.05	.048	.046
593-RNG268	D	For CLP, 2800, 3000, and 4000 Series	.05	.048	.046

LED Spacer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
593-SPC125	E	Spacer for 3000 and 4000 Series	.05	.048	.046

Mounting Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
593-CLP125	F	Standard clip	.05	.048	.046
593-CLP126	G	Extended clip	.05	.048	.046
593-CLP127	H	Outer reflector clip	.05	.048	.046
593-CLP129	I	Inner reflector clip	.05	.048	.046

LED Lenses and Mounting Components

LITEPIPES

These litepipes easily provide a means of transmitting the light from PCB mounted LEDs to the front display panel. Both styles of LEDs (surface mount and standard packages) can be displayed in this manner. The litepipe by itself has a limited angle of view. However, when used with VCC's fresnel lens, the light is disbursed over the entire lens surface producing 180° of viewing.

Material Specifications:

- Litepipe: acrylic (optical grade)
- Lens: polycarbonate; ring: polypropylene (UL Listed Material)

Mounting Specifications:

- **3mm**: mates with lens SMB 200. Panel mounting hole .171 (4.3mm) on 1/4" centers. Panel thickness 1/32" to 1/8". Litepipe lengths from .200" to 1.200".
- **5mm**: mate with lens CLB 300 and SQB 400. Panel mounting hole .250 (6.35mm) on 3/8" centers. Panel thickness 1/32" to 1/4". Lengths from .360" to 1.360". For panels less than 3/16" use SPC 125 spacer.

Standoff Specifications:

- Use VCC's standoff to adjust the height of a standard LED above the PCB and maintain a maximum .050" clearance between litepipe and LED.

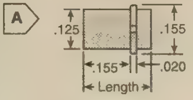
T-1 (3mm)

MOUSER STOCK NO.	Fig.	Color	Length (In.)
593-LSV020C	A	Clear	.20
593-LSV040C	A	Clear	.40
593-LSV060C	A	Clear	.60
593-LSV080C	A	Clear	.80
593-LSV100C	A	Clear	1.00
593-LSV120C	A	Clear	1.20

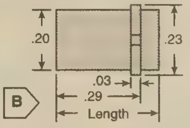
T-1 3/4 (5mm)

MOUSER STOCK NO.	Fig.	Color	Length (In.)
593-LCV036C	B	Clear	.36
593-LCV056C	B	Clear	.56
593-LCV076C	B	Clear	.76
593-LCV096C	B	Clear	.96
593-LCV116C	B	Clear	1.16
593-LCV136C	B	Clear	1.36

A



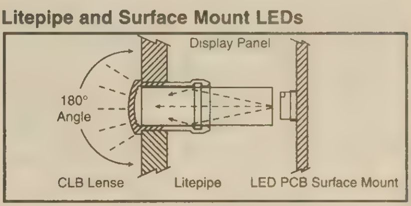
B



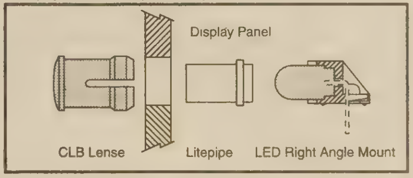
For quantities greater than listed, call for quote.

Price Each		
1	10	100
.24	.23	.21

Litepipe and Surface Mount LEDs



Litepipe and Right Angle LEDs



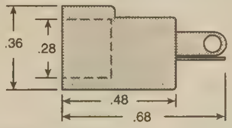
SOLDERLESS LED CONNECTORS

Material Specifications:

- Housing: polypropylene (natural)
- Terminals: phosphor bronze, tin plated
- Resistor: 1/4W resistor values provide current limiting to 28V

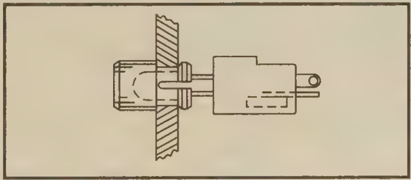
Mounting Specifications:

- Panel mounts: mates with CMC 321, CLF 280, CLB 300, and SQB 400 lenses. CLP 125, 126, 127, and 129 clipmounts.
- Panel thickness: .110" (2.79mm) max. for CLF 280 lens mounts, CLP 125, 127, 129 clipmounts. .250" (6.35mm) max. for CLP 126, CLB 300, SQB 400. Use SPC 125 spacer for panels less than 3/16"
- Soldering: caution, excessive heat applied to contacts may cause damage to the plastic body
- Hole size: CMC 321. .281±.002 (7.14mm). All other mounts .250 ± .002 (6.35mm). Hole should be deburred but not chamfered. NOTE: trim LED leads to .275 ± -.010 (6.99mm).



DIMENSIONS (IN.)

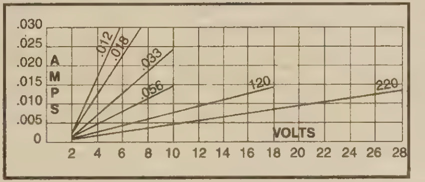
Easy Installation



For quantities greater than listed, call for quote.

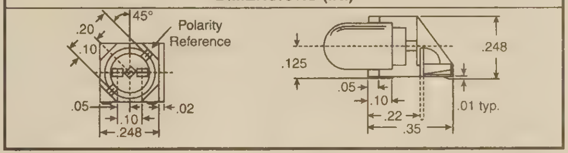
MOUSER STOCK NO.	Resistance Value (Ω)	Price Each 1	10	100
593-CNX310000	No resistor	.50	.47	.41
593-CNX310012	120	.77	.73	.64
593-CNX310018	180	.77	.73	.64
593-CNX310033	330	.77	.73	.64
593-CNX310056	560	.77	.73	.64
593-CNX310120	1.2K	.77	.73	.64
593-CNX310220	2.2K	.77	.73	.64

Resistor Selector



PCB MOUNTS FOR BI AND TRI-LEAD LEDS

DIMENSIONS (IN.)



Allows the right angle mounting of 5mm LEDs used as diagnostic and logic indicator lights of PC boards. Permits the right angle mounting of the bi-lead as well as both configurations of the tri-lead LED.

For quantities greater than listed, call for quote.

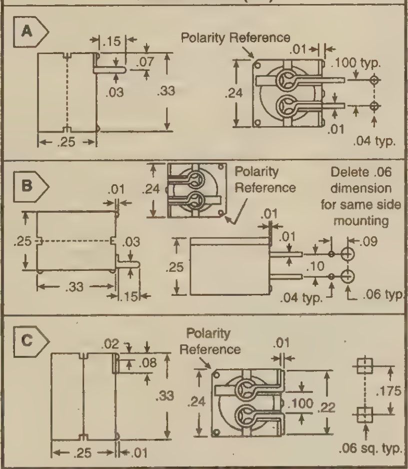
MOUSER STOCK NO.	Price Each 1	10	100
593-PCH175	.09	.08	.076

P-C LITE CIRCUIT BOARD SOCKETS FOR 3mm AND 5mm LEDS

Specifications:

- Housing material: nylon, UL 94V-0 (black)
- Contact design permits automatic adjustment to various sizes and shapes of LED leads. Accommodates IR emitters, phototransistors, and incandescent bi-pin lamps.
- Accepts round or square LED leads
- Used as circuit board mounting sockets for status, logic, and fault detection lights
- Relampable with no direct soldering to the LED
- Polarity identification is provided on each socket
- PCV series can be mounted same side or opposite side of PCB

DIMENSIONS (IN.)

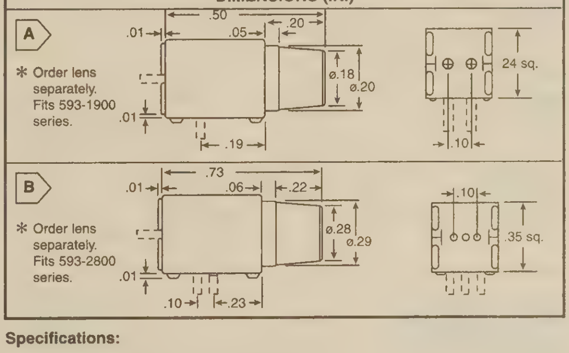


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each 1	10	100
Thru Hole, Horizontal Socket					
593-PCH330	A	1	.55	.51	.47
593-PCH660	A	2	.82	.76	.70
593-PCH990	A	3	1.28	1.19	1.09
Thru Hole, Vertical Socket					
593-PCV220	B	1	.55	.51	.47
593-PCV440	B	2	.82	.76	.70
593-PCV880	B	3	1.28	1.19	1.09
Surface Mount, Horizontal Socket					
593-SMD330	C	1	.55	.51	.47

P-C LITE PCB MOUNTS FOR 3mm AND 5mm LEDS

DIMENSIONS (IN.)



* Order lens separately. Fits 593-1900 series.

* Order lens separately. Fits 593-2800 series.

Specifications:

- Body material: general purpose nylon
- Mounting: PC board, horizontal or vertical on .100" centers

Features:

- Combined with the Cliplite lens, permits either horizontal or vertical mounting of standard 3mm or 5mm LEDs to a PC board
- Eliminates hard wiring to the panel and LED is still flush mounted, recessed or extended through the panel for full visibility
- Helps to prevent IC failures caused by electrostatic discharge (ESD) up to 10KV

* Must order lenses separately

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	LED Size	Price Each 1	10	100	500
593-PCL490	A	T-1	.33	.30	.22	CALL
593-PCR740	B	T-1 3/4	.36	.32	.24	

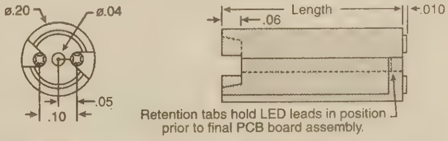
PCB STANDOFFS FOR BI AND TRI-LEAD COMPONENTS

Standoffs are designed for printed circuit board mounting of multi-lead devices ie. LEDs. They cope with various problems in mounting passive components. They include height control, lateral stability, lead retention, lead shorting, and solder flux removal. Device height control is simplified with mounts ranging in lengths from .12" to 1.0"

- Material: thermoplastic (black) UL 94V-0

.12" to .48" lengths			
Price Each			
1	10	100	500
.08	.07	.067	Call

.50" to 1.0" lengths			
Price Each			
1	10	100	500
.09	.08	.076	Call



Retention tabs hold LED leads in position prior to final PCB board assembly.

DIMENSIONS (IN.)

MOUSER STOCK NO.	Length (In.)
593-STD120B	.12
593-STD140B	.14
593-STD160B	.16
593-STD180B	.18
593-STD200B	.20

MOUSER STOCK NO.	Length (In.)
593-STD220B	.22
593-STD240B	.24
593-STD250B	.25
593-STD260B	.26
593-STD280B	.28

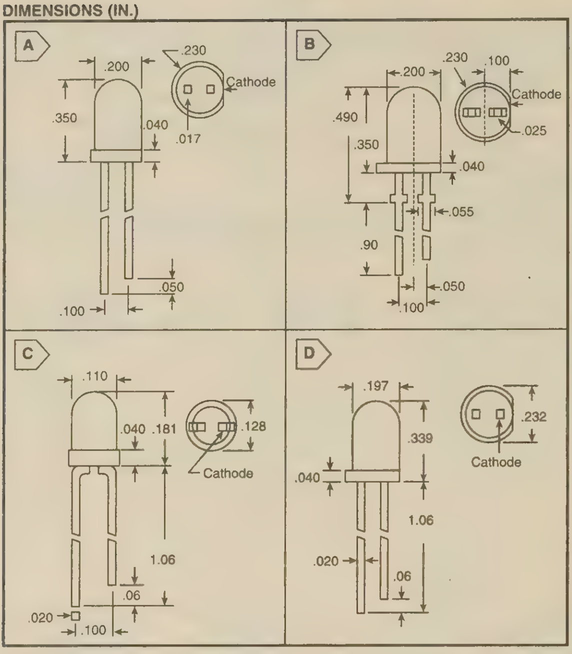
MOUSER STOCK NO.	Length (In.)
593-STD300B	.30
593-STD320B	.32
593-STD340B	.34
593-STD360B	.36
593-STD380B	.38

MOUSER STOCK NO.	Length (In.)
593-STD400B	.40
593-STD420B	.42
593-STD440B	.44
593-STD460B	.46
593-STD480B	.48

MOUSER STOCK NO.	Length (In.)
593-STD500B	.50
593-STD550B	.55
593-STD600B	.60
593-STD650B	.65
593-STD700B	.70

MOUSER STOCK NO.	Length (In.)
593-STD750B	.75
593-STD800B	.80
593-STD850B	.85
593-STD900B	.90
593-STD950B	.95
593-STD1.0B	1.0

DIMENSIONS (IN.)


A
.200
.230
Cathode
.350
.040
.017
.050
.100
B
.230
.100
.200
Cathode
.490
.025
.350
.040
.055
.90
.050
.100
C
.110
.040
.181
.128
Cathode
1.06
.06
.020
.100
D
.197
.232
.339
Cathode
.040
1.06
.020
.06

T-1 3/4 ULTRA BRIGHT LED LAMPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 20mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
606-CMD3750	A	Hi-eff red	Clear	2.2	3.0	80	150	635	24	.46	.40	.39
606-HLMP3750A	B	Hi-eff red	Clear	2.2	3.0	80	150	635	24	.29	.25	.24
606-HLMP3850A	B	Yellow	Clear	2.2	3.0	80	150	585	24	.31	.27	.26

SUPER BRIGHT LED LAMPS

T-1 Standard Size

For quantities greater than listed, call for quote.

606-CMD31101UR/B	C	Red	Red diff	1.85	2.5	70	90	660	60	.57	.50	.48
606-CMD31101UR/C	C	Red	Red diff	1.85	2.5	90	100	660	60	.78	.68	.65
606-CMD31101UR/D	C	Red	Red diff	1.85	2.5	100	150	660	60	1.56	1.35	1.30
606-CMD31101UR/E	C	Red	Red diff	1.85	2.5	200	250	660	60	3.12	2.70	2.60
606-CMD31101UG	C	Green	Green diff	2.2	2.5	40	50	565	60	.29	.25	.24
606-CMD31104UR/B	C	Red	Water clr	1.85	2.5	250	360	660	30	.57	.50	.48
606-CMD31104UR/C	C	Red	Water clr	1.85	2.5	360	500	660	30	.78	.68	.65
606-CMD31104UR/D	C	Red	Water clr	1.85	2.5	500	700	660	30	1.56	1.35	1.30
606-CMD31104UG	C	Green	Water clr	2.2	2.5	100	200	565	30	.62	.54	.52

T-1 3/4 Standard Size

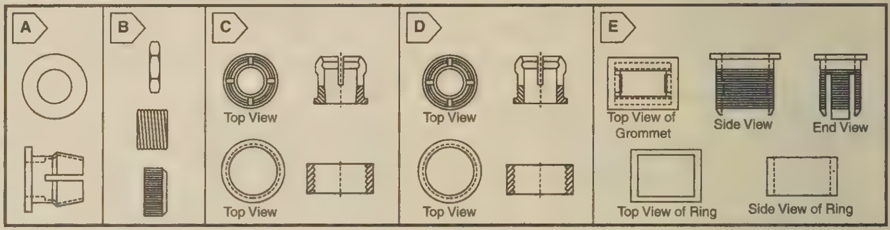
For quantities greater than listed, call for quote.

606-CMD41101UR/D	D	Red	Red diff	1.85	2.5	200	300	660	60	1.30	1.13	1.08
606-CMD41101UR/E	D	Red	Red diff	1.85	2.5	300	500	660	60	2.08	1.80	1.73
606-CMD41101UR/F	D	Red	Red diff	1.85	2.5	500	700	660	60	3.12	2.70	2.60
606-CMD41101UG	D	Green	Green diff	2.2	2.5	20	60	565	60	.29	.25	.24
606-CMD41104UR/D	D	Red	Water clr	1.85	2.5	1000	2000	660	30	1.05	.91	.87

LED PANEL MOUNTING ACCESSORIES

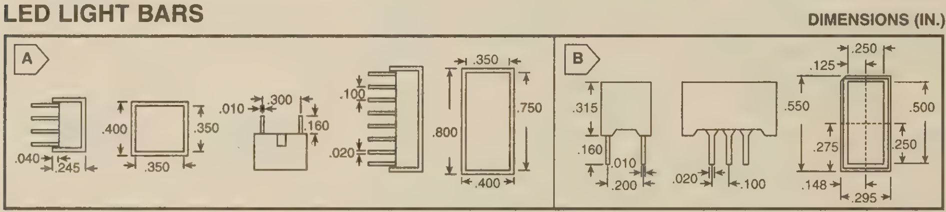
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Color	Price Each		
				1	100	500
606-CMP100	A	T-1 single piece	Black	.13	.10	.09
606-4999-002	B	T-1 3/4, 3 piece flanged	Silver	1.15	1.00	.96
606-4999-003	B	T-1 3/4, 3 piece flanged	Black	1.95	1.46	1.41
606-CMP22	C	T-1 3/4, 2 pc. taper side	Black	.13	.10	.09
606-CMP52	D	T-1 3/4, 2 pc. straight side	Black	.13	.10	.09
606-CMP65	E	2 pc. rect. (.245"x.145")	Black	.24	.21	.20


A
B
C
Top View
Top View
D
Top View
Top View
E
Top View of Grommet
Side View
End View
Top View of Ring
Side View of Ring

LED LIGHT BARS

DIMENSIONS (IN.)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.750
.400
B
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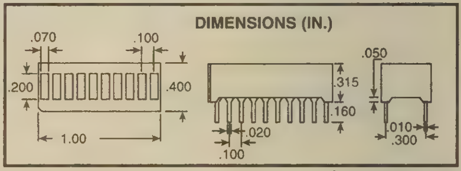
.160
.010
.200
.550
.020
.100
.250
.125
.500
.275
.250
.148
.295

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wavelength (nm)	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.		1	100	500
606-HLMP2685	A	Hi-eff red	White diff	2.0	2.6	22.0	80.0	630	4.20	3.64	3.50
606-CMD57173	B	Hi-eff red	Red diff	2.0	2.5	4.5	- - -	635	2.18	1.89	1.82

LED BAR GRAPH LED DISPLAYS

DIMENSIONS (IN.)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.400
1.00
.050
.315
.160
.020
.100
.010
.300

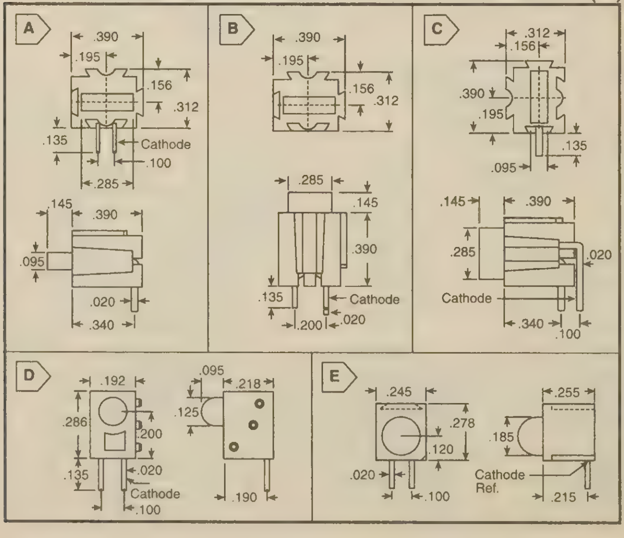
- Forward voltage: 2.5 typ.
- Luminous intensity: 1.8 typ.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color		Peak Wavelength (nm)	Price Each	
	LED	Lens		1	100
606-CMD57164	H.E. red	White diff	630	4.08	3.54
606-CMD54164	H.E. grn	Red diff	562	4.49	3.89

CIRCUIT BOARD INDICATORS

DIMENSIONS (IN.)


A
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Cathode
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.390
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B
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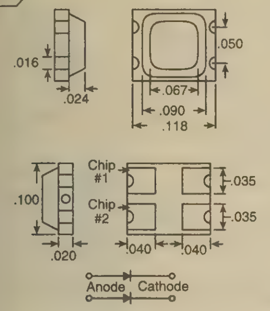
.195
.156
.312
.285
.145
.390
.135
Cathode
.200
.020
C
.312
.156
.390
.195
.135
.095
.145
.390
.285
.020
Cathode
.340
.100
D
.192
.095
.218
.286
.125
.200
.135
.020
Cathode
.100
.190
E
.245
.255
.278
.120
.185
.020
.100
Cathode Ref.
.215

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ I_F = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
606-CMR01R	A	Hi-eff red	Red diff	2.0	2.5	3.2	12.5	625	110	.64	.55	.53
606-CMR01G	A	Hi-eff grn	Green diff	2.2	2.5	1.3	8.0	565	110	.64	.55	.53
606-CMR01Y	A	Yellow	Yel diff	2.1	2.5	1.3	8.0	590	110	.64	.55	.53
606-CMS01R	B	Hi-eff red	Red diff	2.0	2.5	3.2	12.5	625	110	.64	.55	.53
606-CMS01G	B	Hi-eff grn	Green diff	2.2	2.5	1.3	8.0	565	110	.64	.55	.53
606-CMS01Y	B	Yellow	Yel diff	2.1	2.5	1.3	8.0	590	110	.64	.55	.53
606-CMV01R	C	Hi-eff red	Red diff	2.0	2.5	3.2	12.5	625	110	.64	.55	.53
606-CMV01G	C	Hi-eff grn	Green diff	2.2	2.5	1.3	8.0	565	110	.64	.55	.53
606-CMV01Y	C	Yellow	Yel diff	2.1	2.5	1.3	8.0	590	110	.64	.55	.53
606-CMC01R	D	Hi-eff red	Water clr	2.0	2.5	24.0	60.0	625	30	.66	.57	.55
606-CMC01Y	D	Yellow	Water clr	2.1	2.5	24.0	60.0	590	30	.66	.57	.55
606-CMW01S	D	Hi-eff red	Red diff	2.0	2.5	1.0	2.0	625	120	.66	.57	.55
606-CMW01R	D	Hi-eff red	Red diff	2.0	2.5	3.2	20.0	625	130	.66	.57	.55
606-CMW01H	D	Hi-eff grn	Green diff	2.2	2.5	1.0	2.0	565	120	.66	.57	.55
606-CMW01G	D	Hi-eff grn	Green diff	2.2	2.5	3.2	12.5	565	120	.66	.57	.55
606-CMW01O	D	Hi-eff red	Org diff	2.0	2.5	3.2	20.0	625	120	.66	.57	.55
606-CMW01Z	D	Yellow	Yel diff	2.1	2.5	1.0	2.0	590	120	.66	.57	.55
606-CMW01Y	D	Yellow	Yellow diff	2.1	2.5	3.2	12.5	590	120	.66	.57	.55
606-CMF01R	E	Hi-eff red	Red diff	2.0	2.5	3.2	8.0	625	120	.72	.62	.60
606-CMI01S	E	Red	Red diff	1.7	2.1	1.25	3.2	660	120	.67	.58	.56
606-CMI01G	E	Hi-eff grn	Green diff	2.2	2.5	3.2	8.0	565	120	.67	.58	.56
606-CMI01Y	E	Yellow	Yel diff	2.1	2.5	3.2	8.0	590	120	.67	.58	.56

DIMENSIONS (IN.)

A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Chip #2
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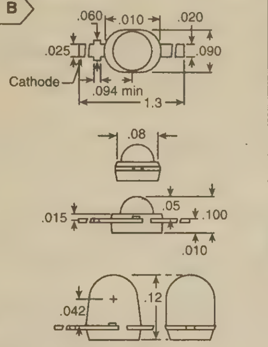
Anode
Cathode

B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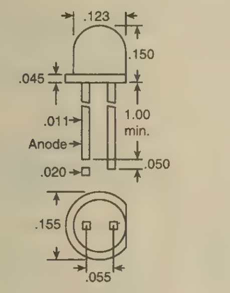
.042
.12

C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Anode
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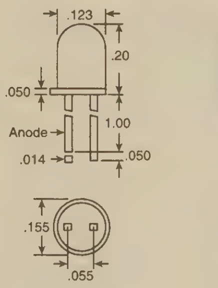
D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Anode
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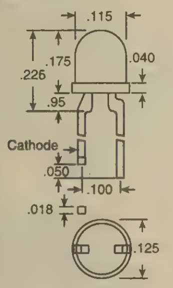
E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Cathode
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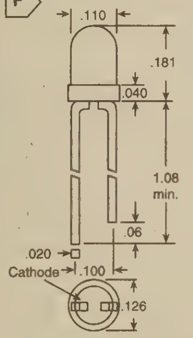
F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Cathode
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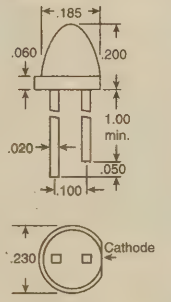
G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Cathode
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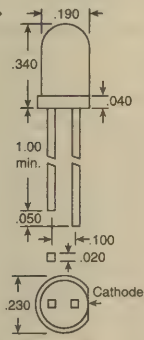
H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Cathode
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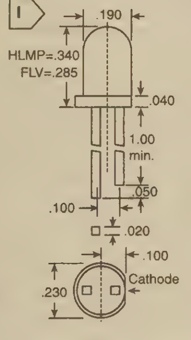
I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Cathode
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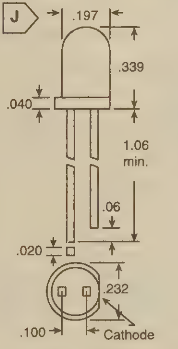
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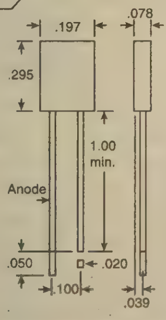
Cathode

K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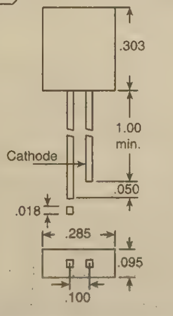
L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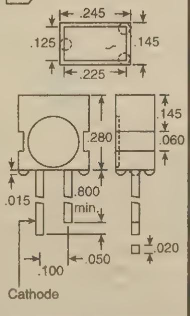
M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.020
.100
.050
Cathode

SURFACE MOUNT DUAL CHIP LEDS (1210 Size)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ IF = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
606-CMD11304G	A	Hi-eff grn	Clear	2.0	2.6	11.0	22.0	565	100°	.83	.72	.69
606-CMD11304A	A	Amber	Clear	2.1	2.8	5.0	14.0	610	100°	.83	.72	.69

T-3/4 SUBMINIATURE LED LAMPS

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ IF = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
606-CMD50B	B	Red	Clear	1.65	2.0	0.5	3.0	660	80°	.32	.28	.27
606-CMD64B	B	Green	Grn Clear	2.2	3.0	1.0	8.0	535	80°	.38	.33	.32

STANDARD LED LAMPS

T-1 Standard Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ IF = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
606-CMD5077C	C	Red	Red diff	1.6	2.0	0.3	1.75	660	110°	.34	.29	.28
606-CMD5777C	C	Hi-eff red	Red diff	2.0	3.0	1.0	7.0	635	180°	.40	.35	.33
606-CMD5074C	D	Red	Red Clear	1.6	2.0	.7	2.5	660	70°	.27	.24	.23
606-CMD5075C	D	Red	Red diff	1.6	2.0	.6	1.5	660	90°	.30	.26	.25
606-CMD5774C	D	Hi-eff red	Red diff	2.0	3.0	1.5	9.0	635	90°	.38	.33	.32
606-CMD5374C	D	Yellow	Yellow diff	2.1	3.0	1.5	9.0	585	90°	.40	.35	.33
606-CMD5474C	D	Hi-eff grn	Green diff	2.2	3.0	1.2	9.0	565	90°	.38	.33	.32
606-CMD57640	E	Hi-eff red	Red diff	2.0	3.0	1.0	2.0	635	90°	.27	.24	.23
606-HLMP1300	E	Hi-eff red	Red diff	2.0	3.0	2.0	10.0	635	90°	.37	.32	.31
606-HLMP1340	E	Hi-eff red	Red diff	2.2	3.0	24.0	60.0	635	45°	.43	.37	.36
606-CMD54643	E	Hi-eff grn	Green diff	2.2	3.0	2.0	5.0	565	90°	.30	.26	.25

T-1 Standard Size Resistored

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	LED	Lens	Typ.	Max.	Min.	Typ.	(nm)	Viewing Angle	1	100	500
606-CMD31121G	F	Hi-eff grn	Green diff	5.0	- - -	8.0	16.0	565	60°	.62	.54	.52
606-CMD31121Y	F	Yellow	Yellow diff	5.0	- - -	8.0	16.0	590	60°	.62	.54	.52
606-CMD31131HR	F	Hi-eff red	Red diff	12.0	- - -	12.5	25.0	625	60°	.62	.54	.52
606-CMD31131Y	F	Yellow	Yellow diff	12.0	- - -	8.0	16.0	590	60°	.62	.54	.52

T-1 3/4 Standard Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	LED	Lens	Typ.	Max.	Min.	Typ.	(nm)	Viewing Angle	1	100	500
606-CMD50154	G	Red	Red diff	1.6	2.0	0.4	1.5	660	50°	.53	.46	.44
606-CMD54154	G	Hi-eff grn	Green diff	2.2	3.0	2.0	12.0	565	50°	.58	.50	.48
606-CMD5055	H	Red	Red diff	2.2	- - -	.1	- - -	660	150°	.62	.54	.52
606-CMD5053	H	Red	Red diff	2.2	- - -	.5	- - -	660	80°	.24	.21	.20
606-CMD5453	H	Hi-eff grn	Green diff	2.2	3.0	3.0	20.0	562	75°	.27	.24	.23
606-CMD64531	H	Hi-eff grn	Green diff	2.2	3.0	7.0	20.0	562	75°	.46	.40	.39
606-HLMP3300	I	Hi-eff red	Red diff	2.2	3.0	2.0	3.5	635	65°	.38	.33	.32
606-HLMP3301	I	Hi-eff red	Red diff	2.2	3.0	4.0	7.0	635	65°	.56	.48	.47
606-CMD5753	H	Hi-eff red	Red diff	2.0	3.0	3.0	10.0	635	65°	.26	.22	.21
606-CMD5153	H	Hi-eff red	Amb diff	2.0	3.0	3.0	15.0	635	65°	.43	.37	.36
606-CMD5353	H	Yellow	Yellow diff	2.1	3.0	2.5	15.0	585	65°	.27	.24	.23
606-HLMP4700	H	Hi-eff red	Red diff	1.8	2.2	1.2	2.0	635	35°	.37	.32	.31
606-HLMP4719	H	Yellow	Yellow diff	1.9	2.7	1.2	2.0	585	35°	.37	.32	.31
606-CMD5054A-1	H	Red	Red diff	2.2	- - -	1.0	- - -	660	24°	.27	.24	.23
606-CMD5354A	H	Yellow	Yellow diff	2.1	3.0	10.0	25.0	585	24°	.29	.25	.24
606-CMD5754A	H	Hi-eff red	Red diff	2.0	3.0	15.0	25.0	635	24°	.27	.24	.23
606-HLMP3315	I	Hi-eff red	Red clear	2.2	3.0	12.0	18.0	635	35°	.38	.33	.32
606-FLV110	I	Red	Red diff	1.6	2.0	.8	3.0	665	70°	.32	.28	.27
606-CMD5752	H	Hi-eff red	Red clear	2.0	3.0	17.0	100.0	635	28°	.35	.31	.29
606-CMD5152	H	Hi-eff red	Amb clear	2.0	3.0	17.0	100.0	635	28°	.48	.42	.40
606-CMD5352	H	Yellow	Yel clear	2.1	3.0	10.0	90.0	585	28°	.37	.32	.31
606-CMD5452	H	Hi-eff grn	Grn clear	2.2	3.0	12.0	25.0	562	35°	.37	.32	.31

T-1 3/4 Standard Size Resistored

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	LED	Lens	Typ.	Max.	Min.	Typ.	(nm)	Viewing Angle	1	100	500
606-CMD41121HR	J	Hi-eff red	Red diff	5.0	- - -	20.0	40.0	625	60°	.57	.50	.48
606-CMD41121G	J	Hi-eff grn	Green diff	5.0	- - -	5.0	16.0	565	60°	.57	.50	.48
606-CMD41121Y	J	Yellow	Yellow diff	5.0	- - -	5.0	16.0	590	60°	.57	.50	.48
606-CMD41131HR	J	Hi-eff red	Red diff	12.0	- - -	20.0	40.0	625	60°	.57	.50	.48
606-CMD41131G	J	Hi-eff grn	Green diff	12.0	- - -	5.0	16.0	565	60°	.57	.50	.48
606-CMD41131Y	J	Yellow	Yellow diff	12.0	- - -	5.0	16.0	590	60°	.57	.50	.48

RECTANGULAR LED LAMPS

For quantities greater than listed, call for quote

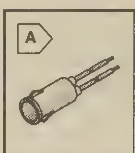
MOUSER STOCK NO.	Fig.	Color		Forward Voltage @ IF = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Viewing Angle	Price Each		
		LED	Lens	Typ.	Max.	Min.	Typ.			1	100	500
606-CMD57123	K	Hi-eff red	Red diff	2.0	4.0	1.0	4.0	635	100°	.26	.22	.21
606-CMD54123	H	Hi-eff grn	Green diff	2.2	4.0	1.0	4.0	562	100°	.29	.25	.24
606-HLMP0300	L	Hi-eff red	Red diff	2.1	3.0	1.0	2.5	635	100°	.46	.40	.39
606-HLMP0301	L	Hi-eff red	Red diff	2.1	3.0	2.5	5.0	635	100°	.78	.68	.65
606-HLMP0503	L	Hi-eff grn	Green diff	2.3	3.0	1.5	3.0	565	100°	.53	.46	.44
606-CMD57124A	M	Hi-eff red	Red diff	2.0	3.0	1.0	6.0	635	100°	.45	.39	.37
606-CMD54124A	M	Hi-eff grn	Green diff	2.2	3.0	1.0	6.0	562	100°	.43	.37	.36
606-CMD53124A	M	Yellow	Yellow diff	2.0	3.0	1.0	6.0	585	100°	.43	.37	.36

NON-RELAMPABLE INDICATORS

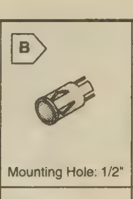
Neon Indicators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Voltage (VAC)	Termination	Rated Life (hrs.)	Price Each		
						1	25	100
607-1030D1	A	Red	105-125	Black wire	25,000	2.10	1.68	1.43
607-1030D3	A	Amber	105-125	Black wire	25,000	2.10	1.68	1.43
607-1030D4	A	White	105-125	Black wire	25,000	2.10	1.68	1.43
607-1032D5	A	Green	105-125	Black wire	25,000	3.15	2.52	2.14
607-1031D1	A	Red	208-250	Black/Red wire	25,000	2.10	1.68	1.43
607-1030QD1	B	Red	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1030QD3	B	Amber	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1030QD4	B	White	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1032QD5	B	Green	105-125	Quick connect	25,000	3.35	2.68	2.28
607-1050A1	C	Red	105-125	Black wire	25,000	2.10	1.68	1.43
607-1050A2	C	Clear	105-125	Black wire	25,000	2.10	1.68	1.43
607-1050A3	C	Amber	105-125	Black wire	25,000	2.10	1.68	1.43
607-1050A4	C	White	105-125	Black wire	25,000	2.10	1.68	1.43
607-1052A5	C	Green	105-125	Black wire	25,000	3.15	2.52	2.14
607-1051A1	C	Red	208-250	Black/Red wire	25,000	2.10	1.68	1.43
607-1051A3	C	Amber	208-250	Black/Red wire	25,000	2.10	1.68	1.43
607-1053A5	C	Green	208-250	Black/Red wire	25,000	3.15	2.52	2.14
607-1050QA1	D	Red	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1050QA3	D	Amber	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1052QA5	D	Green	105-125	Quick connect	25,000	3.35	2.68	2.28
607-1051QA1	D	Red	208-250	Quick connect	25,000	2.28	1.82	1.55
607-1051QA3	D	Amber	208-250	Quick connect	25,000	2.28	1.82	1.55
607-1050C1	E	Red	105-125	Black wire	25,000	2.10	1.68	1.43
607-1050C2	E	Clear	105-125	Black wire	25,000	2.10	1.68	1.43
607-1050C3	E	Amber	105-125	Black wire	25,000	2.10	1.68	1.43
607-1050C4	E	White	105-125	Black wire	25,000	2.10	1.68	1.43
607-1052C5	E	Green	105-125	Black wire	25,000	3.15	2.52	2.14
607-1051C1	E	Red	208-250	Black/Red wire	25,000	2.10	1.68	1.43
607-1051C3	E	Amber	208-250	Black/Red wire	25,000	2.10	1.68	1.43
607-1053C5	E	Green	208-250	Black/Red wire	25,000	3.15	2.52	2.14
607-1050QC1	F	Red	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1050QC2	F	Clear	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1050QC3	F	Amber	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1050QC4	F	White	105-125	Quick connect	25,000	2.28	1.82	1.55
607-1052QC5	F	Green	105-125	Quick connect	25,000	3.35	2.68	2.28
607-1051QC1	F	Red	208-250	Quick connect	25,000	2.28	1.82	1.55
607-1051QC3	F	Amber	208-250	Quick connect	25,000	2.28	1.82	1.55
607-1050N1	G	Red	105-125	Black wire	25,000	2.28	1.82	1.55
607-1050N3	G	Amber	105-125	Black wire	25,000	2.28	1.82	1.55
607-1052N5	G	Green	105-125	Black wire	25,000	3.35	2.68	2.28
607-1050QN1	H	Red	105-125	Quick connect	25,000	2.48	1.98	1.68
607-1050QN3	H	Amber	105-125	Quick connect	25,000	2.48	1.98	1.68
607-1052QN5	H	Green	105-125	Quick connect	25,000	3.55	2.84	2.41
607-2110A1	I	Red	105-125	Black wire	25,000	2.08	1.66	1.41
607-2110A2	I	Clear	105-125	Black wire	25,000	2.08	1.66	1.41
607-2110A3	I	Amber	105-125	Black wire	25,000	2.08	1.66	1.41
607-2110A4	I	White	105-125	Black wire	25,000	2.08	1.66	1.41
607-2112A5	J	Green	105-125	Black wire	25,000	3.15	2.52	2.14
607-2110QA1	J	Red	105-125	Quick connect	25,000	2.28	1.82	1.55
607-2112QA5	K	Green	105-125	Quick connect	25,000	3.33	2.66	2.26
607-2120A1	K	Red	105-125	Black wire	25,000	2.08	1.66	1.41
607-2120A3	K	Amber	105-125	Black wire	25,000	2.08	1.66	1.41



Mounting Hole: 1/2"



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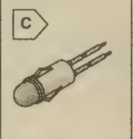

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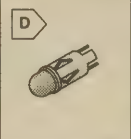

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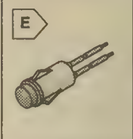

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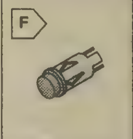

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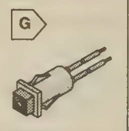

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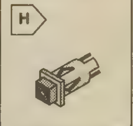

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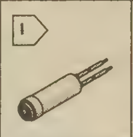

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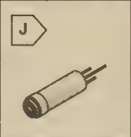

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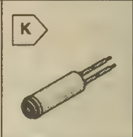

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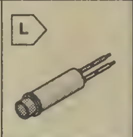


Mounting Hole: 5/16"

Neon Indicators (cont.)

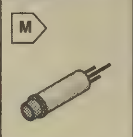
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Voltage (VAC)	Termination	Rated Life (hrs.)	Price Each		
						1	25	100
607-2120A4	K	White	105-125	Black wire	25,000	2.08	1.66	1.41
607-2150A1	L	Red	105-125	Black wire	25,000	2.23	1.78	1.51
607-2150A2	L	Clear	105-125	Black wire	25,000	2.23	1.78	1.51
607-2150A3	L	Amber	105-125	Black wire	25,000	2.23	1.78	1.51
607-2150A4	L	White	105-125	Black wire	25,000	2.23	1.78	1.51
607-2152A5	L	Green	105-125	Black wire	25,000	3.58	2.86	2.43
607-2150QA1	M	Red	105-125	Quick connect	25,000	2.40	1.92	1.63
607-2150QA3	M	Amber	105-125	Quick connect	25,000	2.40	1.92	1.63
607-2150QA4	M	White	105-125	Quick connect	25,000	2.40	1.92	1.63
607-2152QA5	M	Green	105-125	Quick connect	25,000	3.75	3.00	2.55
607-2330QD1	N	Red	105-125	Quick connect	25,000	2.55	2.04	1.73
607-2330QD3	N	Amber	105-125	Quick connect	25,000	2.55	2.04	1.73
607-2330QD4	N	White	105-125	Quick connect	25,000	2.55	2.04	1.73
607-2620QK1	O	Red	105-125	Quick connect	25,000	3.03	2.42	2.06
607-2620QK3	O	Amber	105-125	Quick connect	25,000	3.03	2.42	2.06
607-2620QK4	O	White	105-125	Quick connect	25,000	3.03	2.42	2.06
607-2622QK5	O	Green	105-125	Quick connect	25,000	4.00	3.20	2.72
607-6010M1	P	Red	105-125	Black/Red wire	25,000	4.45	3.56	3.03
607-6010M3	P	Amber	105-125	Black/Red wire	25,000	4.45	3.56	3.03
607-6012M5	P	Green	105-125	Black/Red wire	25,000	5.45	4.36	3.71

Incandescent Indicators

For quantities greater than listed, call for quote.

607-1090A1-12V	C	Red	12VDC	Yellow wire	10,000	2.70	2.16	1.84
607-1090A3-12V	C	Amber	12VDC	Yellow wire	10,000	2.70	2.16	1.84
607-1090A5-12V	C	Green	12VDC	Yellow wire	10,000	2.70	2.16	1.84
607-1090A1-28V	C	Red	28VDC	Purple wire	7,000	2.70	2.16	1.84
607-1090A3-28V	C	Amber	28VDC	Purple wire	7,000	2.70	2.16	1.84
607-1090A5-28V	C	Green	28VDC	Purple wire	7,000	2.70	2.16	1.84
607-1090C1-12V	E	Red	12VDC	Yellow wire	10,000	2.70	2.16	1.84
607-1090C1-28V	E	Red	28VDC	Purple wire	7,000	2.70	2.16	1.84
607-1090C3-28V	E	Amber	28VDC	Purple wire	7,000	2.70	2.16	1.84
607-1090C5-28V	E	Green	28VDC	Purple wire	7,000	2.70	2.16	1.84
607-1090QC1-28V	F	Red	28VDC	Quick connect	7,000	2.88	2.30	1.96
607-1090QC3-28V	F	Amber	28VDC	Quick connect	7,000	2.88	2.30	1.96
607-1090QC5-28V	F	Green	28VDC	Quick connect	7,000	2.88	2.30	1.96



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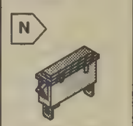

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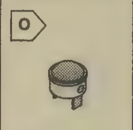
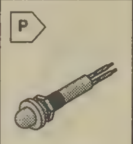
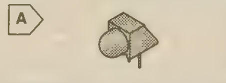
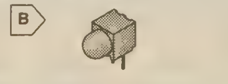


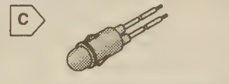
Mounting Hole: 7/8"

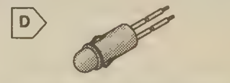


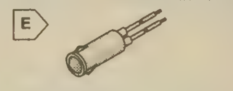
Mounting Hole: 3/8"

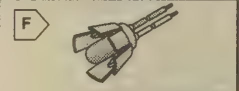












CIRCUIT BOARD INDICATORS

T-1 3/4 Circuit Board Indicators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Forward Current (mA) (max.)	Forward Voltage		Lumin. Intensity (mcd) (typ)	Rated Cur. (mA)	Peak Wave-length	Price Each		
				Typ.	Max.				1	25	100
607-5300H1	A	Red	35	2.0	3.0	30.0	20.0	635	.57	.44	.36
607-5300H5	A	Green	30	2.2	3.0	30.0	20.0	562	.57	.44	.36
607-5300H7	A	Yellow	35	2.1	3.0	25.0	20.0	585	.57	.44	.36
607-5300H1LC	A	Red	7	1.8	2.2	2.0	2.0	635	.73	.57	.46
607-5300H5LC	A	Green	7	1.8	2.2	2.5	2.0	565	.73	.57	.46
607-5302H1-5V	A	Red	15	5.0	7.5	6.0	10.0	635	.78	.61	.49
607-5302H3-5V	A	Amber	15	5.0	7.5	7.0	10.0	583	.78	.61	.49
607-5302H5-5V	A	Green	15	5.0	7.5	10.0	12.0	565	.78	.61	.49
607-5380H1	B	Red	35	2.0	3.0	30.0	20.0	635	.57	.44	.36
607-5380H5	B	Green	20	2.2	2.5	30.0	20.0	555	.57	.44	.36
607-5380H7	B	Yellow	35	2.1	3.0	25.0	20.0	585	.57	.44	.36

Panel Mount LED Indicators

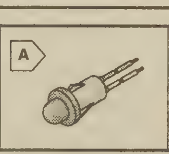
For quantities greater than listed, call for quote.

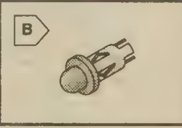
MOUSER STOCK NO.	Fig.	Color	Forward Current (mA) (max.)	Forward Voltage		Lumin. Intensity (mcd) (typ)	Rated Cur. (mA)	Peak Wave-length	Price Each		
				Typ.	Max.				1	25	100
607-5100H1	C	Red	35	2.0	3.0	30.0	20.0	635	1.46	1.18	1.01
607-5100H5	C	Green	30	2.2	3.0	30.0	20.0	562	1.46	1.18	1.01
607-5100H7	C	Yellow	35	2.1	3.0	25.0	20.0	585	1.46	1.18	1.01
607-5100H1/5	C	Rd/Grn	10	2.2	2.8	6.0	20.0	650/565	2.26	1.83	1.57
607-5110F1	D	Red	30	2.0	3.0	6.0	10.0	635	1.51	1.22	1.04
607-5110F5	D	Green	30	2.2	3.0	12.0	20.0	562	1.51	1.22	1.04
607-5110F7	D	Yellow	30	2.1	3.0	20.0	20.0	585	1.51	1.22	1.04
607-3990A1	E	Red	30	2.0	3.0	6.0	10.0	635	2.34	1.89	1.62
607-3990A5	E	Green	30	2.2	3.0	12.0	20.0	562	2.34	1.89	1.62
607-5400A1	F	Red	35	2.0	3.0	120.0	20.0	635	2.31	1.87	1.60
607-5400A5	F	Green	35	2.1	2.5	120.0	20.0	555	2.31	1.87	1.60
607-5400A7	F	Yellow	35	2.1	3.0	120.0	20.0	585	2.31	1.87	1.60

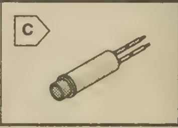
LED INDICATORS

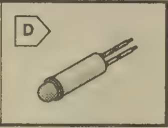
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Voltage (VDC)	Termination	Internal Resis. (Ω)	Mount. Hole Sz.(In.)	Price Each		
							1	25	100
607-1091M1-12V	A	Red	12	Red/White wire	390	1/2	2.98	2.38	2.02
607-1091M5-12V	A	Green	12	Red/White wire	390	1/2	2.98	2.38	2.02
607-1091M1-24V	A	Red	24	Red/White wire	1,000	1/2	2.98	2.38	2.02
607-1091M5-24V	A	Green	24	Red/White wire	1,000	1/2	2.98	2.38	2.02
607-1091M7-24V	A	Yellow	24	Red/White wire	1,000	1/2	2.98	2.38	2.02
607-1091QM1-12V	B	Red	12	Quick connect	390	1/2	3.15	2.52	2.14
607-1091QM1-24V	B	Red	24	Quick connect	1,000	1/2	3.15	2.52	2.14
607-2191L1-12V	C	Red	12	Red/Black wire	390	5/16	3.00	2.40	2.04
607-2191L5-12V	C	Green	12	Red/Black wire	390	5/16	3.00	2.40	2.04
607-2191L7-12V	C	Yellow	12	Red/Black wire	390	5/16	3.00	2.40	2.04
607-2191L1-24V	C	Red	24	Red/Black wire	1,000	5/16	3.00	2.40	2.04
607-2191L5-24V	C	Green	24	Red/Black wire	1,000	5/16	3.00	2.40	2.04
607-2191L7-24V	C	Yellow	24	Red/Black wire	1,000	5/16	3.00	2.40	2.04









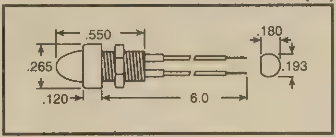
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Voltage (VDC)	Termination	Internal Resis. (Ω)	Mount. Hole Sz.(In.)	Price Each		
							1	25	100
607-2191U1-12V	D	Red	12	22 AWG Wire	390	5/16	3.00	2.40	2.04
607-2191U5-12V	D	Green	12	22 AWG Wire	390	5/16	3.00	2.40	2.04
607-2191U7-12V	D	Yellow	12	22 AWG Wire	390	5/16	3.00	2.40	2.04
607-2191U1-24V	D	Red	24	22 AWG Wire	1,000	5/16	3.00	2.40	2.04
607-2191U5-24V	D	Green	24	22 AWG Wire	1,000	5/16	3.00	2.40	2.04
607-2191U7-24V	D	Yellow	24	22 AWG Wire	1,000	5/16	3.00	2.40	2.04

LEDs, Neon Indicators, and Lamp Holders

ASTROLITE LED INDICATORS

DIMENSIONS (IN.)

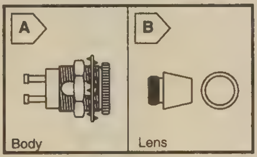


Specifications:
- Mounting hole: .193"
- Mounting centers: .334" min.
- Panel thickness: .188"
- Bezel/Shank: chrome plated brass
- Hex nut: nickel plated brass
- Wire leads: 26AWG stranded, 105°C PVC insulation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color		Forward Voltage @ IF = 20mA		Luminous Intensity @ 10mA(mcd)		Peak Wave-Length (nm)	Price Each		
	LED	Lens	Typ.	Max.	Min.	Typ.		1	10	100
606-6039-004-304R	Hi-eff red	Red diff	1.6	2.0	.4	1.5	630	4.98	4.32	4.15
606-6039-004-304G	Hi-eff grn	Green diff	2.2	3.0	2.0	12.0	565	4.98	4.32	4.15
606-6039-004-304Y	Yellow	Yel diff	2.1	3.0	1.5	8.0	585	4.98	4.32	4.15

GEMLITE SUBMIDGET INDICATORS



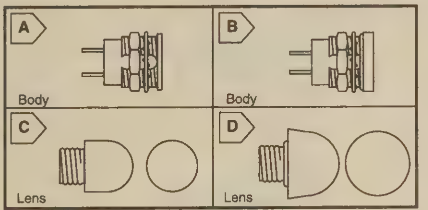
Specifications:
- Mounting hole: .313"
- Mounting centers: .469" min.
- Panel thickness: .218" max.
- Lockwasher: nickel plated bronze
- Hex nut: nickel plated brass
- Lens: high temperature lexan
- Lens shank: nickel plated brass
- Housing material: black nickel plated brass
- Electrical rating: up to 30V, up to 1W

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
606-5160-458	A	T-1 sub-midget flange base indicator, body	9.43	8.17	7.86
606-160A-604R	B	Translucent red lens for 5160-48, lens	1.49	1.29	1.24
606-160A-604G	B	Translucent green lens for 5160-48, lens	1.49	1.29	1.24
606-160A-604Y	B	Translucent yellow lens for 5160-48, lens	1.49	1.29	1.24
606-160A-604W	B	Translucent white lens for 5160-48, lens	1.49	1.29	1.24

MIDGET FLANGE RELAMPABLE INDICATORS

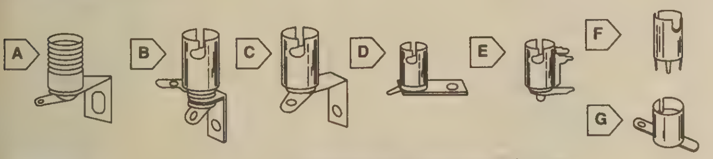
Specifications:
- Mounting hole: .484"
- Mounting centers: .750" min.
- Panel thickness: standard=.265"
  watertight=.188"
- Terminals: tin plated brass
- Housing material: black anodized alum.
- Hex nut/lockwasher: chrome treated steel
- O-rings (5139 only): neoprene
- Electrical rating: up to 30V, up to 2W
- Lens: high temperature lexan



For quantities greater than listed, call for quote.

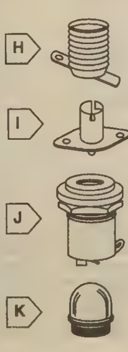
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
606-5131-038	A	T-1 3/4 midget flange standard indicator	4.27	3.70	3.56
606-5139-038	B	T-1 3/4 midget flange watertight indicator	5.82	5.05	4.85
606-131A-303R	C	Transparent red lens for 5131-038	1.59	1.38	1.33
606-131A-303A	C	Transparent amber lens for 5131-038	1.59	1.38	1.33
606-131A-303G	C	Transparent green lens for 5131-038	1.59	1.38	1.33
606-131A-304R	C	Translucent red lens for 5131-038	1.59	1.38	1.33
606-131A-304G	C	Translucent green lens for 5131-038	1.59	1.38	1.33
606-131A-304Y	C	Translucent yellow lens for 5131-038	1.59	1.38	1.33
606-139A-404G	D	Translucent green lens for 5139-038	2.20	1.91	1.84
606-139A-404R	D	Translucent red lens for 5139-038	2.20	1.91	1.84
606-139A-404Y	D	Translucent yellow lens for 5139-038	2.20	1.91	1.84

LAMP SOCKETS



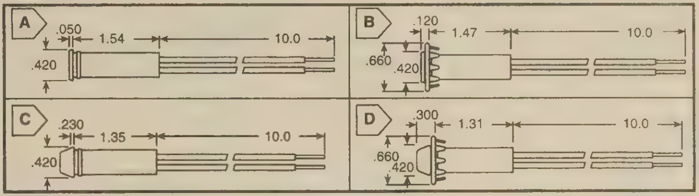
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Price Each		
			1	10	100
35LH002	A	T-3 1/4 screw-mini, non-insulated	.66	.51	.46
35LH003	B	T-3 1/4 bayonet-mini, insulated	1.39	1.15	1.05
35LH004	C	T-3 1/4 bayonet-mini, non-insulated	1.39	1.15	1.05
35LH005	D	T-3 1/4 bayonet-mini, insulated	1.39	1.15	1.05
35LH006	E	T-3 1/4 bayonet-mini, insulated	1.85	1.55	1.40
35LH007	F	T-3 1/4 bayonet-mini, insulated	1.42	1.18	1.08
35LH008	G	T-3 1/4 bayonet-mini, insulated	1.22	1.02	.93
35LH010	H	T-3 1/4 screw-mini, insulated	.38	.30	.23
35LH011	I	T-3 1/4 bayonet-mini, insulated	1.39	1.15	1.05
352-0100	J	T-1 3/4 midget screw, insulated	1.26	1.05	.95
352-0101	K	Red plastic lens for part no. 352-0100	.40	.27	.25
352-0102	K	Green plastic lens for part no. 352-0100	.40	.27	.25
352-0103	K	Clear plastic lens for part no. 352-0100	.40	.27	.25
352-0104	K	Orange plastic lens for part no. 352-0100	.40	.27	.25



GLO-LITE NEON INDICATORS

DIMENSIONS (IN.)



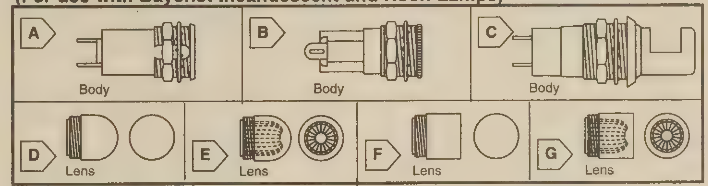
Specifications:
- Mounting hole: 6063 Series - .375" / 6073 Series - .500"
- Mounting centers: 6063 Series - .500" / 6073 Series - .688"
- Panel thickness: 6063 Series - 1.25" / 6073 Series - 0.078"
- Bezel (6073 only): chrome plated brass
- Wire leads: 22AWG stranded black 105°C PVC
- Electrical: 125VAC, built-in 30KΩ 1/4W resistor
- UL Recognized, CSA Certified

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	Price Each		
				1	10	100
606-6063-001-534R	A	Red	Flat face with no bezel	2.75	2.38	2.29
606-6063-001-634R	B	Red	Conical face with no bezel	2.75	2.38	2.29
606-6073-001-534R	C	Red	Flat face with chrome bezel	3.80	3.29	3.16
606-6073-001-634R	D	Red	Conical face with chrome bezel	3.80	3.29	3.16
606-6073-001-634W	D	White	Conical face with chrome bezel	3.80	3.29	3.16

T-2 AND T-3 1/4 MINIATURE RELAMPABLE INDICATORS

(For use with Bayonet Incandescent and Neon Lamps)



Specifications:
- Mounting hole: .688"
- Mounting centers: .969" min.
- Panel thickness: .406" max.
- Lockwasher: chromate treated steel
- Housing material: 5100 Series - glass filled polyester
  5200 Series - phenolic
  900-200 Series - black anodized aluminum
- Hex nut: zinc plated steel
- Lens (5100 and 5200 Series): high temperature lexan

Body

For quantities greater than listed, call for quote.

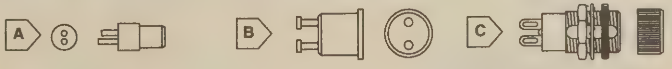
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
606-5100-822	A	Solder lug terminals, no resistor	3.18	2.76	2.65
606-5100-823	A	Screw type terminals, no resistor	5.32	4.64	4.46
606-5100-824	A	.250" quick connect terminals, no resistor	5.09	4.41	4.24
606-5200-222	B	Solder lug terminals, no resistor	5.88	5.09	4.90
606-5200-232	B	Solder lug terminals, 22KΩ resistor	13.39	11.61	11.16
606-5200-242	B	Solder lug terminals, 100KΩ resistor	13.66	11.84	11.38
606-900-200	C	Instrument lite, solder lug terminals	15.39	13.34	12.82

Lenses (for 606-5100 and 606-5200 series, shown above)

For quantities greater than listed, call for quote.

606-25P-306R	D	Transparent red dome	1.01	.88	.85
606-25P-306A	D	Transparent amber dome	1.01	.88	.85
606-25P-306G	D	Transparent green dome	1.01	.88	.85
606-25P-306C	D	Transparent clear dome	1.01	.88	.85
606-25P-307R	D	Translucent red dome	1.01	.88	.85
606-25P-307G	D	Translucent green dome	1.01	.88	.85
606-25P-307Y	D	Translucent yellow dome	1.01	.88	.85
606-25P-307W	D	Translucent white dome	1.01	.88	.85
606-25P-326R	E	Transparent red fluted dome	1.01	.88	.85
606-25P-326A	E	Transparent amber fluted dome	1.01	.88	.85
606-25P-326G	E	Transparent green fluted dome	1.01	.88	.85
606-25P-326C	E	Transparent clear fluted dome	1.01	.88	.85
606-25P-606A	F	Transparent amber cylindrical	1.01	.88	.85
606-25P-606R	F	Transparent red cylindrical	1.01	.88	.85
606-25P-606G	F	Transparent green cylindrical	1.01	.88	.85
606-25P-606C	F	Transparent clear cylindrical	1.01	.88	.85
606-25P-607R	F	Translucent red cylindrical	1.01	.88	.85
606-25P-607G	F	Translucent green cylindrical	1.01	.88	.85
606-25P-607Y	F	Translucent yellow cylindrical	1.01	.88	.85
606-25P-607W	F	Translucent white cylindrical	1.01	.88	.85
606-25P-626R	G	Transparent red fluted cylindrical	1.01	.88	.85
606-25P-626A	G	Transparent amber fluted cylindrical	1.01	.88	.85
606-25P-626G	G	Transparent green fluted cylindrical	1.01	.88	.85
606-25P-626C	G	Transparent clear fluted cylindrical	1.01	.88	.85

RELAMPABLE INDICATOR HOLDERS



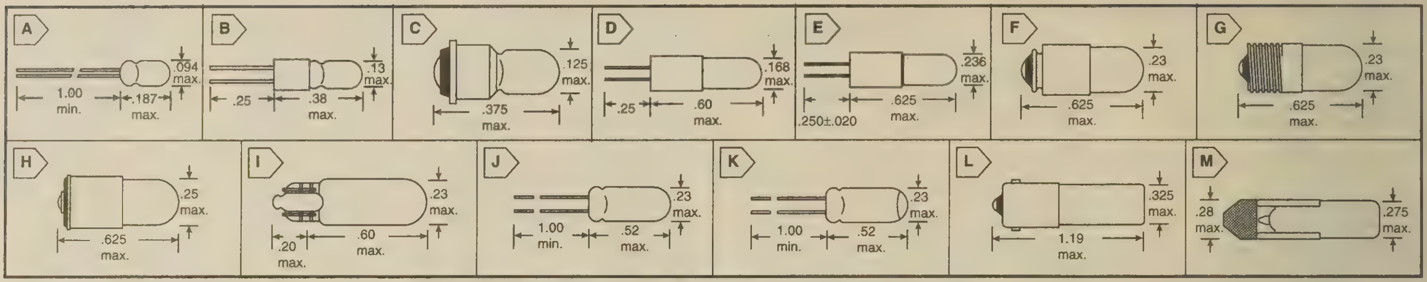
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
606-CM21-1	A	T-3/4 & T-1 bi-pin base lamp socket	4.86	4.21	4.05
606-CM21-2	B	T-1 3/4 bi-pin base lamp socket	5.44	4.71	4.53
606-CML10203-1	C	Solder cup terminals for CML series	7.73	6.70	6.44

CHICAGO MINIATURE
WHERE INNOVATION COMES TO LIGHT

Incandescent Lamps

DIMENSIONS (IN.)



T-3/4 Wire Terminal Lamps

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	10	100
6833	606-CM6833	A	5.0	.060	.050	25,000	**1.46**	**1.27**	**1.22**
6833AS15	606-CM6833AS15	A	5.0	.060	.050	25,000	**1.54**	**1.34**	**1.24**
7153	606-CM7153	A	5.0	.115	.150	40,000	**1.51**	**1.31**	**1.26**
7153AS15	606-CM7153AS15	A	5.0	.115	.150	40,000	**1.58**	**1.37**	**1.31**

T-1 Bi-Pin Base (.05" Spacing)

For quantities greater than listed, call for quote.

7265	606-CM7265	B	5.0	.060	.150	5,000	**1.99**	**1.73**	**1.66**
7680	606-CM7680	B	5.0	.060	.030	60,000	**1.90**	**1.64**	**1.58**
7683	606-CM7683	B	5.0	.060	.050	25,000	**1.53**	**1.32**	**1.27**
7715	606-CM7715	B	5.0	.115	.150	40,000	**1.83**	**1.59**	**1.53**
7839	606-CM7839	B	28.0	.024	.150	4,000	**2.17**	**1.88**	**1.81**

T-1 Bi-Pin Base (.100" Spacing)

For quantities greater than listed, call for quote.

8-2402	606-CM8-2402	B	28.0	.024	.150	4,000	**6.28**	**5.44**	**5.24**

T-1 Sub-Midget Flange Base

For quantities greater than listed, call for quote.

682	606-CM682	C	5.0	.060	.030	60,000	**1.93**	**1.67**	**1.61**
685	606-CM685	C	5.0	.060	.050	25,000	**2.22**	**1.92**	**1.85**
718	606-CM718	C	5.0	.115	.150	40,000	**2.03**	**1.76**	**1.69**
6839	606-CM6839	C	28.0	.024	.130	4,000	**2.10**	**1.82**	**1.75**

T-1 Wire Terminal (.145" Height)

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	10	100
7152	606-CM7152	A	5.0	.115	.150	40,000	**1.22**	**1.06**	**1.02**
7152AS15	606-CM7152AS15	A	5.0	.115	.150	40,000	**1.51**	**1.31**	**1.26**

T-1 Wire Terminal (.25" Height)

For quantities greater than listed, call for quote.

680	606-CM680	A	5.0	.060	.030	60,000	**1.11**	**.96**	**.92**
683	606-CM683	A	5.0	.060	.050	25,000	**1.08**	**.93**	**.90**
683AS15	606-CM683AS15	A	5.0	.060	.050	25,000	**1.16**	**1.00**	**.96**
715	606-CM715	A	5.0	.115	.150	40,000	**1.19**	**1.03**	**.99**
715AS15	606-CM715AS15	A	5.0	.115	.150	40,000	**1.27**	**1.10**	**1.06**
7219	606-CM7219	A	12.0	.060	.150	10,000	**1.82**	**1.57**	**1.51**
7220	606-CM7220	A	18.0	.026	.150	10,000	**1.86**	**1.62**	**1.55**
6838	606-CM6838	A	28.0	.024	.150	4,000	**1.70**	**1.48**	**1.42**

T-1 1/4 Bi-Pin Base (.100" Spacing)

For quantities greater than listed, call for quote.

7646	606-CM7646	D	14.0	.080	.500	1,000	**2.49**	**2.16**	**2.08**
7632	606-CM7632	D	28.0	.040	.320	1,000	**2.49**	**2.16**	**2.08**

T-1 3/4 Bi-Pin Base (.125" Spacing)

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	10	100
7361	606-CM7361	E	5.0	.060	.050	25,000	**1.54**	**1.33**	**1.28**
7328	606-CM7328	E	6.0	.200	.600	1,000	**1.21**	**1.05**	**1.01**
7377	606-CM7377	E	6.3	.075	.230	1,000	**1.21**	**1.05**	**1.01**
7381	606-CM7381	E	6.3	.200	.400	20,000	**1.08**	**.93**	**.90**
7371	606-CM7371	E	12.0	.040	.120	10,000	**1.14**	**.99**	**.95**
7373	606-CM7373	E	14.0	.100	.500	10,000	**1.08**	**.94**	**.90**
7382	606-CM7382	E	14.0	.080	.300	15,000	**1.09**	**.95**	**.91**
7327	606-CM7327	E	28.0	.040	.340	4,000	**.95**	**.82**	**.79**
7374	606-CM7374	E	28.0	.040	.150	10,000	**1.22**	**1.06**	**1.02**
7387	606-CM7387	E	28.0	.040	.300	7,000	**.96**	**.84**	**.80**
7876	606-CM7876	E	28.0	.060	.340	25,000	**1.11**	**.96**	**.92**

T-1 3/4 Midget Groove Base

For quantities greater than listed, call for quote.

379	606-CM379	F	6.3	.200	.400	20,000	**1.16**	**1.00**	**.96**
398	606-CM398	F	6.3	.200	.550	5,000	**1.06**	**.92**	**.88**
336	606-CM336	F	14.0	.080	.500	1,500	**1.11**	**.96**	**.92**
386	606-CM386	F	14.0	.080	.300	15,000	**1.11**	**.96**	**.92**
334	606-CM334	F	28.0	.040	.340	4,000	**.95**	**.82**	**.79**
388	606-CM388	F	28.0	.040	.300	7,000	**1.14**	**.99**	**.95**

T-1 3/4 Midget Screw Base

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	10	100
1769	606-CM1769	G	2.5	.200	.200	5,000	**1.09**	**.95**	**.91**
373	606-CM373	G	14.0	.080	.500	1,500	**1.19**	**1.03**	**.99**
8362	606-CM8362	G	14.0	.080	.300	15,000	**1.09**	**.95**	**.91**
335	606-CM335	G	28.0	.040	.340	4,000	**.98**	**.85**	**.82**
399	606-CM399	G	28.0	.040	.300	7,000	**1.06**	**.92**	**.88**

T-1 3/4 Midget Flange Base

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	10	100
338	606-CM338	H	2.7	.060	.040	6,000	**1.01**	**.88**	**.84**
3150	606-CM3150	H	5.0	.060	.150	5,000	**1.37**	**1.18**	**1.14**
7333	606-CM7333	H	5.0	.060	.050	25,000	**.93**	**.81**	**.78**
7335	606-CM7335	H	5.0	.115	.150	40,000	**.93**	**.81**	**.78**
328	606-CM328	H	6.0	.200	.600	1,000	**.93**	**.81**	**.78**
345	606-CM345	H	6.0	.040	.030	1,000	**.98**	**.85**	**.82**
349	606-CM349	H	6.3	.200	.550	5,000	**.90**	**.78**	**.75**
381	606-CM381	H	6.3	.200	.400	20,000	**1.27**	**1.10**	**1.06**
344	606-CM344	H	10.0	.014	.002	50,000	**1.32**	**1.14**	**1.10**
367	606-CM367	H	10.0	.040	.080	5,000	**1.13**	**.98**	**.94**
394	606-CM394	H	12.0	.040	.120	10,000	**1.01**	**.88**	**.84**
330	606-CM330	H	14.0	.080	.500	1,500	**.66**	**.57**	**.55**
382	606-CM382	H	14.0	.080	.300	15,000	**.91**	**.79**	**.76**
8918	606-CM8918	H	14.0	.100	.500	10,000	**1.06**	**.92**	**.88**
370	606-CM370	H	18.0	.040	.150	10,000	**1.19**	**1.03**	**.99**
327	606-CM327	H	28.0	.040	.340	4,000	**.50**	**.43**	**.42**
376	606-CM376	H	28.0	.060	.340	25,000	**.79**	**.68**	**.66**
385	606-CM385	H	28.0	.040	.150	10,000	**.90**	**.78**	**.75**
387	606-CM387	H	28.0	.040	.300	7,000	**.47**	**.40**	**.39**
7341	606-CM7341	H	28.0	.065	.650	5,000	**.95**	**.82**	**.79**

T-1 3/4 Wedge Base

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	10	100
86	606-CM86	I	6.3	.200	.400	20,000	**.74**	**.64**	**.62**
73	606-CM73	I	14.0	.080	.300	15,000	**.61**	**.53**	**.51**
85	606-CM85	I	28.0	.040	.300	7,000	**.58**	**.50**	**.48**

T-1 3/4 Wire Terminal

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each		
							1	10	100
2182	606-CM2182	J	14.0	.080	.300	40,000	**.53**	**.46**	**.44**
1764	606-CM1764	J	28.0	.040	.340	4,000	**.61**	**.53**	**.51**
2187	606-CM2187	J	28.0	.040	.300	7,000	**.56**	**.49**	**.47**

TL-1 3/4 Wire Terminal, Lens End

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	(Hrs) Life	Price Each		
						1	10	100
8-374	606-CM8-374	K	2.5	.350	3,000	**5.67**	**4.92**	**4.73**

T-2 Miniature Bayonet Base

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	End Foot Candles	(Hrs) Life	Price Each		
							1	10	100
24MB	606-CM24MB	L	24.0	.073	3000	1,000	**1.41**	**1.23**	**1.18**
28MB	606-CM28MB	L	28.0	.040	1600	5,000	**1.41**	**1.23**	**1.18**
60MB	606-CM60MB	L	60.0	.050	2200	7,500	**1.51**	**1.31**	**1.26**
120MB	606-CM120MB	L	120.0	.025	1200	5,000	**1.14**	**.99**	**.95**
8-967	606-CM8-967	L	120.0	.025	1200	5,000	**4.88**	**4.23**	**4.07**

T-2 Telephone Slide Base-Type 5 (.915" Height)

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	End Foot Candles	(Hrs) Life	Price Each		
							1	10	100
10ESB	606-CM10ESB	M	10.0	.035	450	1,000	**1.00**	**.86**	**.83**
12ESB	606-CM12ESB	M	12.0	.040	650	7,500	**1.25**	**1.09**	**1.05**
16ESB	606-CM16ESB	M	16.0	.040	800	7,500	**1.22**	**1.06**	**1.02**
18ESB	606-CM18ESB	M	18.0	.040	850	5,000	**1.30**	**1.13**	**1.08**
24ESB	606-CM24ESB	M	24.0	.040	850	8,000	**1.30**	**1.13**	**1.08**
28ESB	606-CM28ESB	M	28.0	.040	1500	6,000	**1.24**	**1.07**	**1.03**
48ESB	606-CM48ESB	M	48.0	.040	3000	5,000	**1.35**	**1.17**	**1.13**

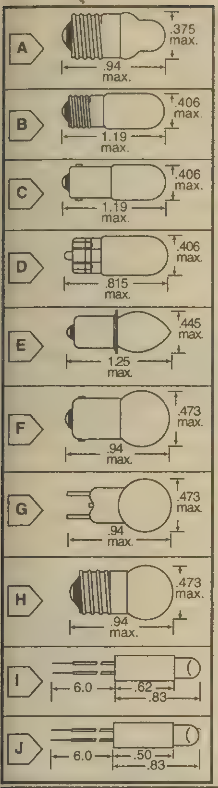
T-2 Telephone Slide Base-Type 5 (1.115" Height)

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	End Foot Candles	(Hrs) Life	Price Each		
							1	10	100
6PSB	606-CM6PSB	M	6.0	.140	550	20,000	**1.32**	**1.14**	**1.10**
12PSB	606-CM12PSB	M	12.0	.170	2000	12,000	**1.19**	**1.03**	**.99**
24PSB	606-CM24PSB	M	24.0	.073	3000	10,000	**.92**	**.79**	**.76**
28PSB	606-CM28PSB	M	28.0	.040	1600	5,000	**.92**	**.79**	**.76**
48PSB	606-CM48PSB	M	48.0	.053	1800	10,000	**1.27**	**1.10**	**1.06**
60PSB	606-CM60PSB	M	60.0	.050	2200	7,500	**1.27**	**1.10**	**1.06**
120PSB	606-CM120PSB	M	120.0	.025	1200	5,000	**1.01**	**.88**	**.84**

Incandescent and Neon Lamps and Indicators

DIMENSIONS (IN.)



CHICAGO MINIATURE INCANDESCENT LAMPS

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each 1	10	100
GTL-3 Miniature Screw Base, Lens End									
222	**606-CM222**	A	2.25	.250		5	**.76**	**.66**	**.63**
T-3 1/4 Miniature Screw Base									
48	**606-CM48**	B	2.0	.060	.040	1,000	**.93**	**.81**	**.78**
40	**606-CM40**	B	6.3	.150	.500	3,000	**.71**	**.61**	**.59**
46	**606-CM46**	B	6.3	.250	.900	3,000	**.87**	**.75**	**.72**
1821	**606-CM1821**	B	28.0	.170	3.400	500	**2.22**	**1.92**	**1.85**
1823	**606-CM1823**	B	48.0	.100	3.000	1,000	**1.98**	**1.71**	**1.65**
T-3 1/4 Miniature Bayonet Base									
49	**606-CM49**	C	2.0	.060	.040	1,000	**.96**	**.84**	**.80**
43	**606-CM43**	C	2.5	.500	.500	3,000	**.93**	**.81**	**.78**
1850	**606-CM1850**	C	5.0	.090	.250	1,500	**1.88**	**1.63**	**1.57**
44	**606-CM44**	C	6.3	.250	.900	3,000	**.41**	**.35**	**.34**
47	**606-CM47**	C	6.3	.150	.500	3,000	**.38**	**.33**	**.31**
755	**606-CM755**	C	6.3	.150	.330	20,000	**.88**	**.77**	**.74**
1847	**606-CM1847**	C	6.3	.150	.380	5,000	**.53**	**.46**	**.44**
1866	**606-CM1866**	C	6.3	.250	.650	5,000	**.76**	**.66**	**.63**
1816	**606-CM1816**	C	13.0	.330	3.00	1,000	**.72**	**.63**	**.60**
756	**606-CM756**	C	14.0	.080	.310	15,000	**1.04**	**.90**	**.87**
1815	**606-CM1815**	C	14.0	.200	1.40	3,000	**.98**	**.85**	**.82**
1891	**606-CM1891**	C	14.0	.240	2.000	500	**.60**	**.52**	**.50**
1893	**606-CM1893**	C	14.0	.330	2.000	7,500	**.60**	**.52**	**.50**
1813	**606-CM1813**	C	14.4	.100	.860	1,000	**.66**	**.57**	**.55**
1892	**606-CM1892**	C	14.4	.120	.750	1,000	**.87**	**.75**	**.72**
1818	**606-CM1818**	C	24.0	.170	3.300	250	**2.17**	**1.88**	**1.81**
313	**606-CM313**	C	28.0	.170	3.500	500	**.87**	**.75**	**.72**
757	**606-CM757**	C	28.0	.080	.620	7,500	**.80**	**.70**	**.67**
1819	**606-CM1819**	C	28.0	.040	.3400	2,500	**.79**	**.68**	**.66**
1820	**606-CM1820**	C	28.0	.100	1.60	1,000	**.79**	**.68**	**.66**
1829	**606-CM1829**	C	28.0	.070	1.00	1,000	**.74**	**.64**	**.62**
1864	**606-CM1864**	C	28.0	.170	3.000	1,500	**.87**	**.75**	**.72**
1822	**606-CM1822**	C	36.0	.100	2.100	1,000	**1.01**	**.88**	**.84**
1828	**606-CM1828**	C	37.5	.050	.650	3,000	**2.09**	**1.81**	**1.74**
1835	**606-CM1835**	C	55.0	.050	1.100	5,000	**2.38**	**2.06**	**1.98**
8-3995	**606-CM8-3995**	C	130.0	.020	.200	2,000	**1.04**	**.94**	**.86**

For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Volts	Amps	M.S.C.P.	(Hrs) Life	Price Each 1	10	100
T-3 1/4 Wedge Base									
259	**606-CM259**	D	6.30	.250	.650	5,000	.51	.45	.43
161	**606-CM161**	D	14.0	.190	1.000	1,500	.71	.61	.59
168	**606-CM168**	D	14.0	.350	3.000	1,500	.64	.56	.54
194	**606-CM194**	D	14.0	.270	2.000	1,500	.50	.43	.42
656	**606-CM656**	D	28.0	.060	.620	2,500	.66	.57	.55
B-3 1/2 Miniature Bayonet Base									
PR4	**606-PR4**	E	2.33	.270	.400	10	.66	.57	.55
PR2	**606-PR2**	E	2.38	.500	.800	15	.64	.56	.54
PR6	**606-PR6**	E	2.47	.300	.450	30	.66	.57	.55
PR3	**606-PR3**	E	3.57	.500	1.500	15	.66	.57	.55
PR7	**606-PR7**	E	3.70	.300	.900	30	.79	.68	.66
G-3 1/2 Miniature Bayonet Base									
219	**606-CM219**	F	6.3	.250	.500	5,000	2.06	1.78	1.71
51	**606-CM51**	F	7.5	.220	1.000	1,000	.77	.67	.64
53	**606-CM53**	F	14.4	.120	1.000	1,000	.80	.69	.67
1450	**606-CM1450**	F	24.0	.035	.230	3,000	1.30	1.13	1.08
356	**606-CM356**	F	28.0	.170	3.50	500	1.74	1.50	1.45
G-3 1/2 Miniature Bi-Pin Base									
12	**606-CM12**	G	6.3	.150	.350	5,000	.95	.82	.79
19	**606-CM19**	G	14.4	.100	.900	1,000	1.30	1.13	1.08
G-3 1/2 Miniature Screw Base									
14	**606-CM14**	H	2.47	.300	.500	15	1.83	1.59	1.53
13	**606-CM13**	H	3.70	.300	.980	15	1.56	1.35	1.30
50	**606-CM50**	H	7.50	.220	1.000	1,000	1.06	.92	.88

CM 20 Series Lens End Assemblies

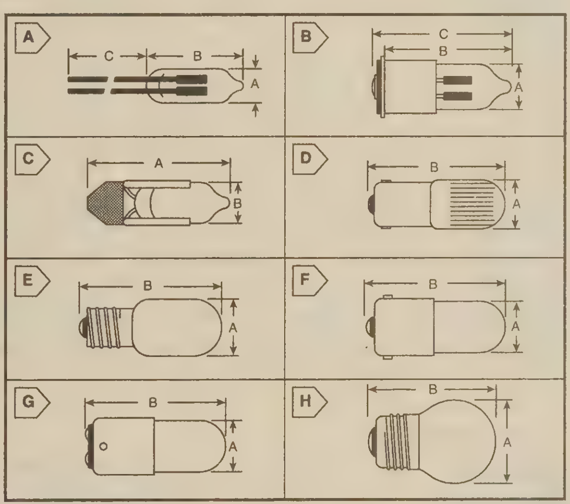
For quantities greater than listed, call for quote.

Type	MOUSER STOCK NO.	Fig.	Design Volts	Lamp Type	Design Current (Amps)	(Hrs) Life	Price Each 1	10	100
CM20-4	**606-CM20-4**	I	2.5	TL-1 3/4	.350	10,000	19.31	16.73	16.09
CM20-6	**606-CM20-6**	J	6.0	TL-1 1/2	.200	10,000	13.20	11.44	11.00

CHICAGO MINIATURE NEON LAMPS

For quantities greater than listed, call for quote.

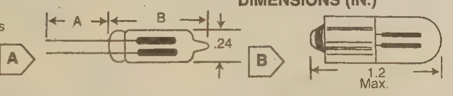
MOUSER STOCK NO.	Fig.	Type	Lamp Size	Breakdown Voltage (max.) AC/DC	Design Current (mA)	Dimensions (In.) A (max.)	B (max.)	C (min.)	Price Each 1	10	100
606-2ML	A	NE-38S	T-1 1/4	65/90	.300	.156	.395	1.000	**.90**	**.78**	**.75**
606-A1A	A	NE-2	T-2	65/90	.600	.244	1.000	1.000	**.38**	**.33**	**.32**
606-A1B	A	- - - -	T-2	65/90	.300	.244	1.000	1.000	**.36**	**.31**	**.30**
606-A2B	A	NE-2V	T-2	65/90	.700	.244	.980	1.000	**.50**	**.43**	**.41**
606-A9A	A	NE-2E	T-2	65/90	.700	.244	.750	2.000	**.34**	**.30**	**.29**
606-A1C	A	- - - -	T-2	95/135	1.200	.244	.500	1.000	**.40**	**.35**	**.33**
606-A2A	A	- - - -	T-2	65/90	.700	.244	.750	2.000	**.50**	**.43**	**.41**
606-C2A	A	NE-2H	T-2	95/135	1.900	.244	.750	2.000	**.42**	**.36**	**.35**
606-C2A-T	A	NE-2HT	T-2	95/135	1.900	.244	.750	2.000	**.50**	**.43**	**.41**
606-A1G	B	- - - -	T-1 3/4	65/90	.300	.250	.525	.625	**2.84**	**2.46**	**2.34**
606-A1H	B	- - - -	T-1 3/4	95/135	1.200	.250	.525	.625	**2.90**	**2.51**	**2.42**
606-C7A	B	NE-2D	T-1 3/4	65/90	.700	.250	.828	.938	**2.61**	**2.27**	**2.18**
606-C9A	B	NE-2J	T-1 3/4	95/135	1.900	.250	.828	.938	**2.40**	**2.08**	**2.00**
606-K1A	C	NE-84	T-2	95/135	1.900	1.030	.290	- - - - -	**3.47**	**3.01**	**2.89**
606-B1A	D	NE-51	T-3 1/4	65/90	.300	.430	1.188	- - - - -	**.99**	**.86**	**.83**
606-B2A	D	NE-51H	T-3 1/4	95/135	1.200	.430	1.188	- - - - -	**.99**	**.86**	**.83**
606-B2A-R	D	NE-51HR	T-3 1/4	95/135	1.200	.430	1.188	- - - - -	**3.42**	**2.96**	**2.85**
606-B7A	E	NE-45	T-4 1/2	65/90	2.000	.588	1.530	- - - - -	**6.12**	**5.31**	**5.10**
606-B6A	F	NE-21	T-4 1/2	65/90	2.000	.588	1.500	- - - - -	**6.57**	**5.69**	**5.47**
606-B9A	G	NE-48	T-4 1/2	65/90	2.000	.588	1.500	- - - - -	**5.51**	**4.78**	**4.60**
606-J9A	H	NE-56	S-11	60/85	5.000	1.420	2.250	- - - - -	**8.62**	**7.47**	**7.19**
606-J5A	H	NE-30	S-11	60/85	8.000	1.420	2.250	- - - - -	**11.91**	**10.32**	**9.92**



NEON LAMPS

- Neon lamps are used for indicators and circuit control applications
- Ideal for line-voltage AC and 90V and up DC applications

DIMENSIONS (IN.)



High Brightness

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Breakdown Voltage (max.) AC/DC	Nominal Current (mA)	Nominal Watts (W)	Dimensions (In.) A	B	Price Each 1	10	100
36NE004	A	A1C	95/135	1.2	1/7	1.18	.47	**.28**	**.22**	**.18**
36NE005	A	NE-2H	95/135	1.2	1/7	1.18	.63	**.29**	**.25**	**.20**

Standard

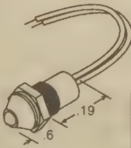
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Breakdown Voltage (max.) AC/DC	Nominal Current (mA)	Nominal Watts (W)	Dimensions (In.) A	B	Price Each 1	10	100
36NE006	A	A1B	65/90	.3	1/25	1.18	.47	**.23**	**.18**	**.15**
36NE007	A	NE-2E	65/90	.3	1/25	1.18	.63	**.24**	**.20**	**.16**
36NE002	A	NE-2	65/90	.5	1/25	1.18	.68	**.23**	**.18**	**.15**
36NE003	A	NE2B	65/90	.5	1/25	1.18	.47	**.23**	**.18**	**.15**
36NE051	B	NE-51	45/85	.3	1/25	- - -	- - -	**1.96**	**1.64**	**1.49**

ULTRA-MINIATURE 110 VAC NEON INDICATOR

- Panel mount neon indicators, chrome-plated body, bezel, and facing nut
- Rated 55-60V; 100K resistor required
- Mounting hole: .27 inches
- Lead length: 5 inches
- Color: clear

(Resistor not included)



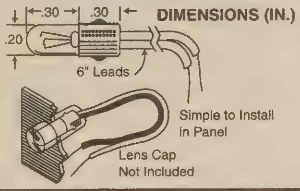
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each 1	10	100
35MP100	**2.71**	**2.26**	**2.06**

LOW-COST INDICATOR SYSTEMS

DIMENSIONS (IN.)



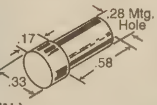
Wire color indicates volt/amp rating.
Mates with lens cap at below.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wire Color	Volts	Amps	Price Each 1	10	100	500
35LS026	Green	2	.060	.49	.37	.32	.30
35LS065	White	6	.050	.49	.37	.32	.30
35LS102	Red	10	.020	.49	.37	.32	.30
35LS124	Blue	12	.035	.49	.37	.32	.30
35LS126	Yellow	12	.060	.49	.37	.32	.30
35LS284	Orange	28	.040	.49	.37	.32	.30

ROUND PLASTIC LENS CAPS FOR INSTALLATION OVER MINIATURE LAMPS

These plastic lens caps are combined with the miniature lamps, at the left, to make indicator lights. Tapered for quick, easy press-fit installation. Use NE-2 lamps or T-1 3/4 lamps.



DIMENSIONS (IN.)

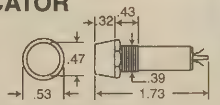
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cap Color	Price Each 1	10	100	500
35LT001	Red	.17	.09	.078	.071
35LT002	Green	.17	.09	.078	.071
35LT003	White	.17	.09	.078	.071

110 VAC NEON INDICATOR

- Sealed plastic neon indicator with internal dropping resistor
- Chrome-plated facing nut

DIMENSIONS (IN.)



MOUSER STOCK NO.	Lens Color	Price Each 1	10	100
36HN010	Red	1.82	1.51	1.38
36HN012	Amber	1.82	1.51	1.38
361-7671	Red	1.71	1.42	1.30
361-7672	Amber	1.71	1.42	1.30
361-7673	Green	1.71	1.42	1.30

Photo Cells, Flash Tubes, and Transformers

PHOTO CONDUCTIVE CELLS

Applications:

- Exposure meter
- Electronic shutter
- Color temperature reading
- Density reading
- Optical switch
- Photoelectric lamp

Specifications:

- Operating temperature: -30°C to +70°C
- Cadmium sulfide (CdS) construction
- Soldering: 230°C for 3 sec. max. @ 3mm from cell
- High sensitivity, high stability

✻ Light resistance measured at 10 lux and 2856°K color temperature.
✻✻ Dark resistance measured 10 seconds after removal of 100 lux illumination.

76C Series

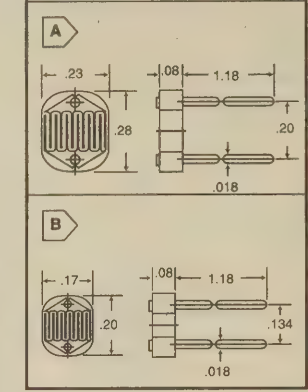
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Voltage (Max.)	Light ✻ Resistance (Ω)	Dark ✻✻ Resistance (Ω)	Maximum Power @ 25°C	Peak Response Wavelength (nm)	Price Each		
							1	10	100
338-76C348	A	150	3K - 20K	500K	50mW	560	1.56	1.30	1.18
338-76C569	A	200	20K - 100K	20M	100mW	550	1.56	1.30	1.18
338-76C59	A	200	20K - 50K	20M	100mW	550	1.86	1.56	1.41

54C Series

MOUSER STOCK NO.	Fig.	Voltage (Max.)	Light ✻ Resistance (Ω)	Dark ✻✻ Resistance (Ω)	Maximum Power @ 25°C	Peak Response Wavelength (nm)	1	10	100
338-54C348	B	150	3K - 20K	500K	30mW	560	1.31	1.09	.99
338-54C679	B	200	50K - 200K	20M	60mW	550	1.31	1.09	.99
338-54C69	B	200	50K - 100K	20M	60mW	550	1.47	1.22	1.11
338-54C79	B	200	100K - 200K	20M	60mW	550	1.47	1.22	1.11

DIMENSIONS (IN.)



CDS PHOTO CELL

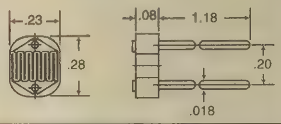
Applications:

- Light and lamp controls
- Automatic grain feeders
- Security lighting
- "Electric - Eyes"

Specifications:

- 12K Ω min. @ 1Ft/C'DL
- 250Ω @ 100Ft/C'DL
- Maximum power dissipation: 75mW

DIMENSIONS (IN.)



MOUSER STOCK NO.	Price Each	
	1	10
524-611-J4-805	3.15	2.84

CLAIREX PHOTO CONDUCTIVE CELLS

Material Characteristics:

Type 4 CdSe

- Lowest resistance photocells available
- Can be used for "on-off" applications when low resistance is desired
- For use with incandescent or neon lamps

Type 5 CdS

- Stable, low memory photocell
- Can be used in light measuring applications and precision low speed switching
- For use with incandescent, fluorescent, or neon lamps

Type 5H CdS

- Combines high speed, stability, linearity and uniform color temperature response
- Can be used for high speed switching or high stability measuring applications
- For use with incandescent, fluorescent, or neon lamps

Type 7 CdS

- Moderate speed and ratio
- Can be used in general beam breaking applications
- For use with incandescent, fluorescent, or neon lamps

Type 7H CdSe

- Fast decay time combined with low resistance and high slope
- Ideal for fast switching between close light levels where temperature stability is critical

Specifications:

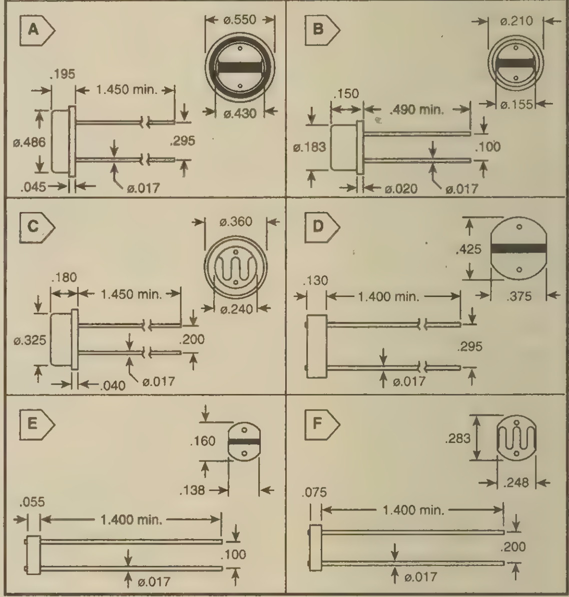
- Operating temperature: -50°C to +75°C
- Cadmium sulfide (CdS) and cadmium selenide (CdSe) construction
- Lead soldering temperature: 240°C max. @ 1.5mm from the case for 5 seconds

✻ On-resistance measured after light stabilization at 2ft-c after light stabilization at 30ft-c for 16 hours minimum.
✻✻ Off-resistances measured under dark conditions, 5 seconds after on-resistance test.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Type	Voltage Max.	✻ On-Resistance (Ω)			✻✻Off - Resistance Min. (Ω)	Max. Power @25°C	Peak Emission Wave-length	Price Each		
				Min.	Typ.	Max.				1	10	100
Type 4 CdSe												
621-CL5P4L	D	PL TO-8	170	0.3K	0.45K	0.6K	120K	250mW	690nm	2.21	1.75	1.65
621-CL9P4L	E	PL TO-46	100	1.3K	2.0K	2.7K	520K	50mW	690nm	1.66	1.31	1.23
Type 5 CdS												
621-CL5M5	A	TO-8	250	6.0K	9.0K	12.0K	600K	500mW	550nm	4.97	3.93	3.70
621-CL905L	B	TO-46	100	6.7K	10.0K	13.3K	670K	100mW	550nm	3.85	3.04	2.86
621-CL5P5M	D	PL TO-8	250	4.0K	6.0K	8.0K	400K	250mW	550nm	2.21	1.75	1.65
621-CL9P5L	E	PL TO-46	100	6.7K	10.0K	13.3K	670K	50mW	550nm	1.66	1.31	1.23
Type 5H CdS												
621-CL705HL	C	TO-5	100	18.7K	28.0K	37.3K	18.7M	250mW	550nm	4.41	3.49	3.28
621-CL7P5HL	F	PL TO-5	170	18.7K	28.0K	37.3K	14.0M	125mW	550nm	1.94	1.53	1.44
Type 7 CdS												
621-CL5M7	A	TO-8	250	4.8K	7.2K	9.6K	1.4M	500mW	615nm	4.97	3.93	3.70
621-CL907N	B	TO-46	100	44K	66K	88K	13.0M	100mW	615nm	3.85	3.04	2.86
Type 7H CdSe												
621-CL707H	C	TO-5	300	400K	600K	800K	335M	250mW	620nm	4.41	3.49	3.28
621-CL7P7HL	F	PL TO-5	170	6.7K	10K	13.3K	6.7M	125mW	620nm	1.94	1.53	1.44

DIMENSIONS (IN.)

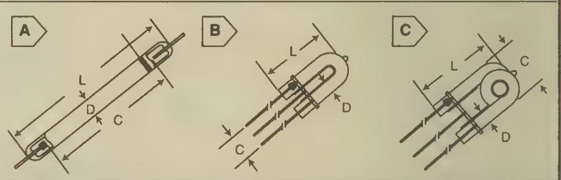


FLASH TUBES

For quantities greater than listed, call for quote.

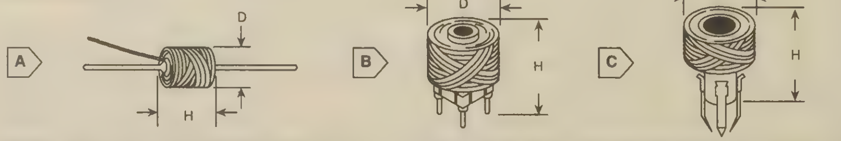
MOUSER STOCK NO.	Fig.	Type	Dimensions (In.)			Nominal Anode Voltage	Min. Trigger Voltage	Flash Energy (WS)	Life Flashes	Price Each		
			L	D	C					1	10	100
36FT050	A	FT-4050	1.97	.16	1.38	360	4KV	60	3,000	3.50	2.90	2.65
36FT106	B	FT6531	1.50	.24	.53	300	6KV	60	10,000	3.70	3.10	2.80
361-4425	B	U-4425	1.26	.24	.39	300	4KV	4	1,000,000	5.85	5.32	4.84
361-8538	B	U-8538	1.77	.31	.67	400	6KV	100	10,000	6.92	6.29	5.72
361-0118	C	FT-118	1.77	.24	1.02	450	6KV	125	10,000	12.25	11.13	10.12
361-0218	C	FT-218	2.16	.31	1.30	450	6KV	250	10,000	15.17	13.79	12.54

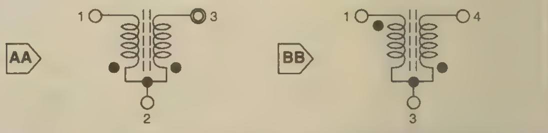
DIMENSIONS (IN.)



H/V TRIGGER TRANSFORMERS

DIMENSIONS (IN.)





- See capacitor section of this catalog for related products

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Schematic	Volts		Dimensions (In.)		Price Each			
			Input	Output	H	D	1	10	100	500
422-1304	A	AA	300	4000	.60	.35	2.06	1.75	1.58	1.44
422-2304	B	BB	300	4000	.63	.50	2.79	2.45	2.23	2.02

- See capacitor section of this catalog for related products

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Schematic	Volts		Dimensions (In.)		Price Each			
			Input	Output	H	D	1	10	100	500
422-3306	C	BB	300	6000	.75	.60	2.79	2.45	2.23	2.02
422-2310	B	BB	300	10000	.75	.85	2.87	2.51	2.27	2.08

Jewell Panel Meters and Loop Power Modules

DIGITAL PANEL METERS

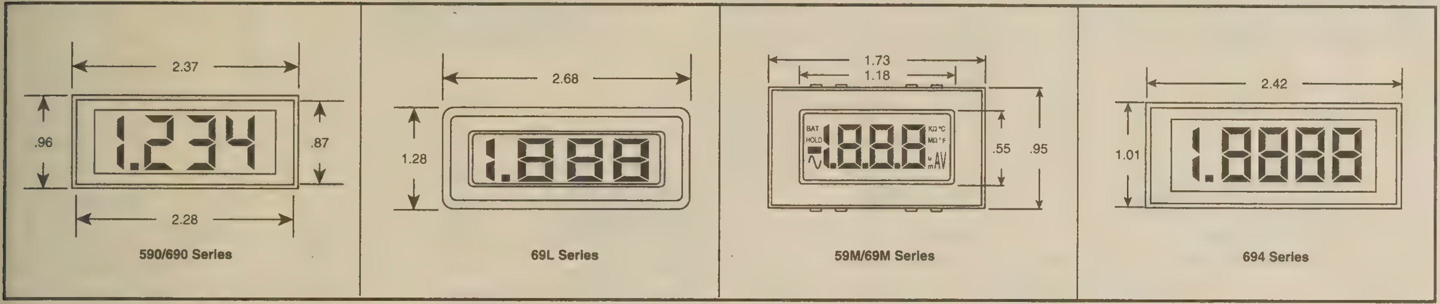
All of these Jewell Digital Panel meters have a common operating temperature of 0°C to +50°C and a storage temperature of -20°C to +70°C. The following features apply to all of the digital panel meters except where indicated otherwise.

Display:
- Type: 7-segment reflective, dual edge, liquid crystal display
- Digits: 3 1/2 (1999) digits, 0.5" (12.7mm) height
- Polarity: displays (-) automatically
- Annunciators: 9VDC powered meters have "LO BAT" when power <7.2VDC
- Decimal point: user selectable 3 position decimal point
- Over/under range: over range displays "1" and under range displays "-1"
- Hold: feature optional

Operation:
- Accuracy: ±(0.1% rdg + 2 digit) with 5VDC power
  ±(0.1% rdg + 1 digit) with 9VDC power
- Conversion rate: 2.5 per second
- Common mode voltage: ±1V max.
- Common mode reject: >86dB
- Zeroing: automatic

Analog Inputs:
- Full scale range: standard ±200mVDC, ±2VDC, ±20VDC
- Configuration: true differential input and reference
- Protection: 250VDC or 150VRMS continuous
  300VDC intermittent max.
- Bias current: 1pA typ., 10pA max.
- Impedance: 10MΩ typ.

DIMENSIONS (IN.)



590/690 Series 69L Series 59M/69M Series 694 Series

590/690 Series 3-1/2 Digit LCD Meters

- Mounting: surface mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each	
					1	5
564-5900	5900100090	200mV	9	No backlight	**49.00**	**46.55**
564-6901	6900100040	200mV	5	No backlight	**49.00**	**46.55**
564-5902	5900100190	2V	9	No backlight	**49.00**	**46.55**
564-6903	6900100140	2V	5	No backlight	**49.00**	**46.55**
564-6904	6900102091	200mV	9	Positive green backlight	**68.25**	**64.84**
564-6905	6900102041	200mV	5	Positive green backlight	**68.25**	**64.84**
564-6906	6900104091	200mV	9	Negative green backlight	**68.25**	**64.84**
564-6907	6900104041	200mV	5	Negative green backlight	**68.25**	**64.84**
564-6908	6900106091	200mV	9	Negative red backlight	**69.75**	**66.26**
564-6909	6900106041	200mV	5	Negative red backlight	**69.75**	**66.26**

69L Series 3-1/2 Digit LED Meters

Display:
- Type: 7-segment reflective LED
- Hold: standard feature

Operation:
- Conversion rate: 3.4 per second

Analog Inputs:
- Configuration: bipolar, fully differential
- Protection: 350VDC, ±10VDC (200mV range)
- Bias current: 100pA typical, 1pA typical (200mV range)
- Impedance: 1MΩ typical, 1000MΩ typical (200mV range)

- Mounting: surface mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each	
					1	5
564-69L0	69LH558040	200mV	5	Green LED	**70.00**	**66.50**
564-69L1	69LH558140	2V	5	Green LED	**70.00**	**66.50**
564-69L2	69LH559040	200mV	5	Red LED	**70.00**	**66.50**
564-69L3	69LH559140	2V	5	Red LED	**70.00**	**66.50**

59M/69M Series Miniature 3-1/2 Digit LCD Meters

Display:
- Annunciators: 12 different user selectable annunciators. (BAT, °C, °F, ~, m, u, MΩ, kΩ, V, A, Hold 1 and Hold 2)

Analog Inputs:
- Impedance: 10MΩ typ., 1MΩ min.

Operation:
- Accuracy: ±(0.2% rdg + 1 digit) with +5VDC

- Mounting: mini snap-in bezel mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each	
					1	5
564-69M0	69M0660090	200mV	9	No backlight	**47.00**	**44.65**
564-59M1	59M0660040	200mV	5	No backlight	**47.00**	**44.65**
564-69M2	69M0660190	2V	9	No backlight	**47.00**	**44.65**
564-69M3	69M0660140	2V	5	No backlight	**47.00**	**44.65**

694 Series 4-1/2 Digit LCD Meters

Display:
- Digits: 4 1/2 (19999) digits, 0.5" (13mm) height
- Annunciator: 9VDC powered meters have "BT" when power <7.2VDC
- Decimal point: user selectable 4 position decimal point
- Hold: standard feature

Operation:
- Accuracy: ±(0.06% rdg + 1 digit) with 9VDC power or +5VDC
- Conversion: 2 per second

Analog Inputs:
- Bias current: 50pA typ.
- Full scale range: standard ±200mVDC, & ±2VDC
- Impedance: 1000MΩ

- Mounting: surface mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each	
					1	5
564-6940	694H100040	200mV	5	No backlight	**109.00**	**103.55**
564-6941	694H100140	2V	5	No backlight	**109.00**	**103.55**
564-6942	694H100090	200mV	9	No backlight	**109.00**	**103.55**
564-6943	694H100190	2V	9	No backlight	**109.00**	**103.55**

LPM SERIES LOOP POWER MODULES

Specifications:
- Supply voltage: powered by milliamp control loop for LPM-590-20, +5VDC at 200mA for LPM-59L-55
- Accuracy: ±0.1% reading ±2 digit for LPM-590-20 and LPM-59L-20
- Decimal point: user selectable 3 position for LPM-590-20, and LPM-59L 55
- Input: 4-20mA DC for all series
- Adjustments: SPAN (GAIN) and ZERO (OFFSET) for all series
- Operating temp.: 0°C to +50°C
- Storage temp.: -10°C to +60°C
- Connection: two pin screw terminal for LPM-590-20, four pin screw terminal for LPM-59L-55

For quantities greater than listed, call for quote.

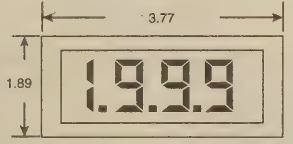
MOUSER STOCK NO.	Jewell Part No.	Description	Price Each	
			1	5
564-59020	LPM-590-20	Process loop for 590 & 690 Series meters	**36.00**	**32.76**
564-59L55	LPM-59L-55	Process loop for 69L Series meters	**36.00**	**32.76**

1/8 DIN BIG 3-1/2 DIGIT PANEL METERS

Display:
- Type: 7 segment LEDs (Red or Green) or LCD
- Digits: 3 1/2 (1999 count)
- Height: 0.8" (LED) or 0.98" (LCD)
- Polarity: displays (-) for negative readings
- Decimal point: 3 positions selectable via solder jumper
- Overrange Indication: "1—" is displayed

Operation:
- Accuracy: +/- 0.05% of rdg +1 digit
- Conversion rate: 3.0 per second
- Common mode voltage: ±2.8V
- Common mode rejection: -60dB @ DC
- Zeroing: automatic

Analog Inputs:
- Configuration: single ended or true differential (via jumper)
- Protection: ±300VDC or 200VAC on 200mV and 2V ranges ±1200VDC or 850VAC on 4-20mA range
- Impedance: >1000MΩ on 200mV and 2V ranges 10 MΩ on 4-20mA range



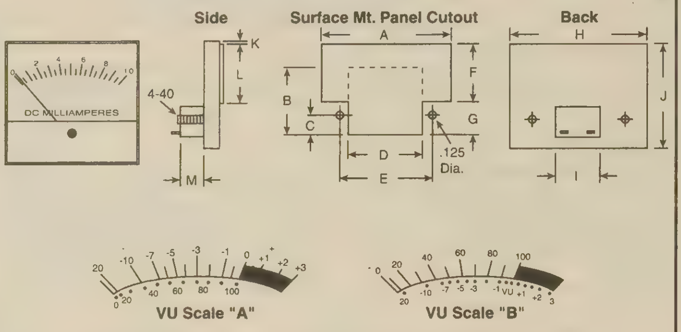
MOUSER STOCK NO.	Jewell Part No.	Input Ranges	Supply Voltage (VDC)	Display Type	Price Each	
					1	5
564-1800	1803112	200mV	5	LCD, no backlight	**79.00**	**75.05**
564-1801	1803111	2V	5	LCD, no backlight	**79.00**	**75.05**
564-1802	180500	4-20mA	5	LCD, no backlight	**90.00**	**85.50**
564-1803	1802112	200mV	5	LED, bright green	**79.00**	**75.05**
564-1804	1802111	2V	5	LED, bright green	**79.00**	**75.05**
564-1805	1802211	4-20mA	5	LED, bright green	**79.00**	**75.05**
564-1806	1801112	200mV	5	LED, bright red	**79.00**	**75.05**
564-1807	1801111	2V	5	LED, bright red	**79.00**	**75.05**
564-1808	1801211	4-20mA	5	LED, bright red	**79.00**	**75.05**

Panel Meters

MODUTEC

PANEL MOUNT ±5% Accuracy

DIMENSIONS (IN.)



Meter Size (In.)	Dimensions (In.)												
	A	B	C	D	E	F	G	H	I	J	K	L	M
1	1.45	1.14	.330	.950	1.20	.885	.64	1.51	.90	1.59	.06	.846	.50
2	2.32	1.25	.350	1.130	2.00	1.410	.71	2.48	1.10	2.36	.08	1.409	.51
3 1/2	3.58	1.71	.584	2.125	2.50	1.540	1.21	3.73	.94	2.90	.07	1.585	.47

1" Surface Mount

MOUSER STOCK NO.	Type of Meter	Range	Res. (Ω)	Price Each			
				1	5	10	50
541-OMS-AAA-001	AC Ammeter	0-1	- - -	20.26	19.65	19.04	18.44
541-OMS-AAA-005	AC Ammeter	0-5	- - -	20.26	19.65	19.04	18.44
541-OMS-AAA-010	AC Ammeter	0-10	- - -	20.26	19.65	19.04	18.44
541-OMS-AVV-150	AC Voltmeter	0-150	200/V	17.64	17.11	16.58	16.05
541-OMS-AVV-300	AC Voltmeter	0-300	200/V	17.64	17.11	16.58	16.05
541-OMS-DAA-005	DC Ammeter	0-5	.0002	16.22	15.73	15.25	14.76
541-OMS-DAA-020	DC Ammeter	0-20	.0002	16.22	15.73	15.25	14.76
541-OMS-DMA-001	DC Milliammeter	0-1	2.3K	16.22	15.73	15.25	14.76
541-OMS-DMA-005	DC Milliammeter	0-5	500	16.22	15.73	15.25	14.76
541-OMS-DMA-010	DC Milliammeter	0-10	244	16.22	15.73	15.25	14.76
541-OMS-DMA-1U1	DC Milliammeter	1-0-1	970	16.22	15.73	15.25	14.76
541-OMS-DVV-010	DC Voltmeter	0-10	200/V	17.64	17.11	16.58	16.05
541-OMS-DVV-015	DC Voltmeter	0-15	200/V	17.64	17.11	16.58	16.05
541-OMS-DVV-030	DC Voltmeter	0-30	200/V	17.64	17.11	16.58	16.05
541-OMS-DVV-050	DC Voltmeter	0-50	200/V	17.64	17.11	16.58	16.05
541-OMS-DVV-100	DC Voltmeter	0-100	200/V	17.64	17.11	16.58	16.05

2" Surface Mount

MOUSER STOCK NO.	Type of Meter	Range	Res. (Ω)	Price Each			
				1	5	10	50
541-MSQ-AAA-001	AC Ammeter	0-1	- - -	22.94	22.25	21.56	20.88
541-MSQ-AAA-005	AC Ammeter	0-5	- - -	22.94	22.25	21.56	20.88
541-MSQ-AAA-010	AC Ammeter	0-10	- - -	22.94	22.25	21.56	20.88
541-MSQ-AVU-AW	VU-Type Meter	VuScale A	- - -	25.57	24.80	24.04	23.27
541-MSQ-AVV-150	AC Voltmeter	0-150	200/V	20.26	19.65	19.04	18.44
541-MSQ-AVV-300	AC Voltmeter	0-300	200/V	20.26	19.65	19.04	18.44
541-MSQ-DAA-005	DC Ammeter	0-5	.0002	18.85	18.28	17.72	17.15
541-MSQ-DAA-010	DC Ammeter	0-10	.0002	18.85	18.28	17.72	17.15
541-MSQ-DAA-020	DC Ammeter	0-20	.0002	18.85	18.28	17.72	17.15
541-MSQ-DAA-030	DC Ammeter	0-30	.0002	18.85	18.28	17.72	17.15
541-MSQ-DMA-001	DC Milliammeter	0-1	2.3K	18.85	18.28	17.72	17.15
541-MSQ-DMA-005	DC Milliammeter	0-5	500	18.85	18.28	17.72	17.15
541-MSQ-DMA010	DC Milliammeter	0-10	244	18.85	18.28	17.72	17.15
541-MSQ-DMA-100	DC Milliammeter	0-100	2.3	18.85	18.28	17.72	17.15
541-MSQ-DMA-1U1	DC Milliammeter	1-0-1	970	18.85	18.28	17.72	17.15
541-MSQ-DVV-010	DC Voltmeter	0-10	200/V	20.26	19.65	19.04	18.44
541-MSQ-DVV-015	DC Voltmeter	0-15	200/V	20.26	19.65	19.04	18.44
541-MSQ-DVV-030	DC Voltmeter	0-30	200/V	20.26	19.65	19.04	18.44
541-MSQ-DVV-050	DC Voltmeter	0-50	200/V	20.26	19.65	19.04	18.44
541-MSQ-DVV-100	DC Voltmeter	0-100	200/V	20.26	19.65	19.04	18.44

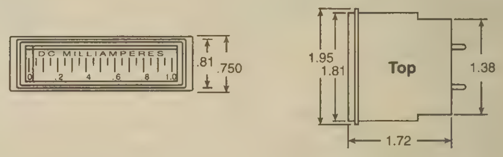
3 1/2" Surface Mount

MOUSER STOCK NO.	Type of Meter	Range	Res. (Ω)	Price Each			
				1	5	10	50
541-MS-AVV-150	AC Voltmeter	0-150	200/V	21.63	20.98	20.33	19.68
541-MS-AVV-300	AC Voltmeter	0-300	200/V	21.63	20.98	20.33	19.68
541-MS-DAA-005	DC Ammeter	0-5	.0002	20.26	19.65	19.04	18.44
541-MS-DAA-010	DC Ammeter	0-10	.0002	20.26	19.65	19.04	18.44
541-MS-DMA-001	DC Milliammeter	0-1	1.1K	20.26	19.65	19.04	18.44
541-MS-DMA-010	DC Milliammeter	0-10	125	20.26	19.65	19.04	18.44
541-MS-DUA-5H5	DC Microammeter	500-0-500	1.1K	21.63	20.98	20.33	19.68
541-MS-DVV-015	DC Voltmeter	0-15	200/V	21.63	20.98	20.33	19.68
541-MS-DVV-030	DC Voltmeter	0-30	200/V	21.63	20.98	20.33	19.68
541-MS-DVV-050	DC Voltmeter	0-50	200/V	21.63	20.98	20.33	19.68

MODUTEC

EDGE READING

DIMENSIONS (IN.)



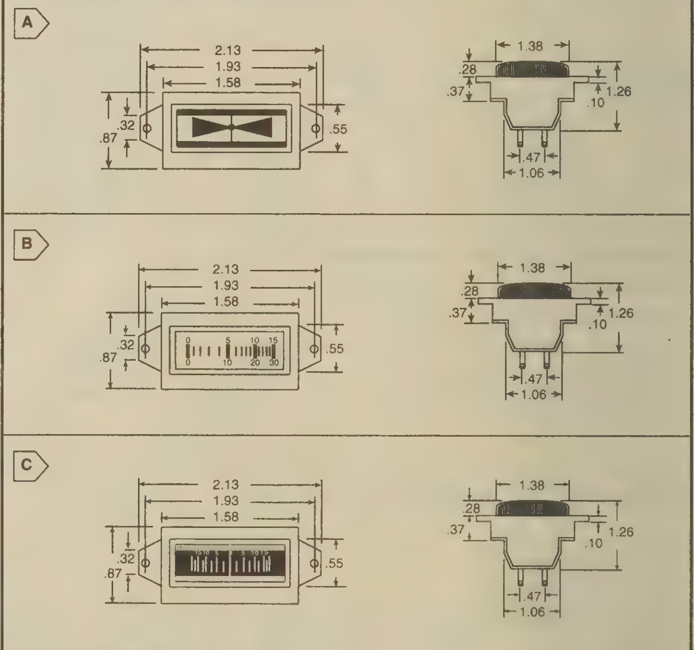
2" Edge Reading

MOUSER STOCK NO.	Type of Meter	Range	Res. (Ω)	Price Each		
				1	5	10
541-ME-AAA-001	AC Ammeter	0-1	- - -	18.85	18.28	17.72
541-ME-AAA-005	AC Ammeter	0-5	- - -	18.85	18.28	17.72
541-ME-AAA-010	AC Ammeter	0-10	- - -	18.85	18.28	17.72
541-ME-AVV-150	AC Voltmeter	0-150	200/V	17.64	17.11	16.58
541-ME-DAA-005	DC Ammeter	0-5	.0002	15.44	14.98	14.51
541-ME-DAA-010	DC Ammeter	0-10	.0002	15.44	14.98	14.51
541-ME-DAA-020	DC Ammeter	0-20	.0002	15.44	14.98	14.51
541-ME-DMA-001	DC Milliammeter	0-1	2.3K	15.44	14.98	14.51
541-ME-DMA-005	DC Milliammeter	0-5	500	15.44	14.98	14.51
541-ME-DMA-010	DC Milliammeter	0-10	244	15.44	14.98	14.51
541-ME-DMA-1U1	DC Milliammeter	1-0-1	700	15.44	14.98	14.51
541-ME-DUA-5H5	DC Microammeter	500-0-500	1.1K	17.10	16.59	16.07
541-MEDVV-010	DC Voltmeter	0-10	200/V	16.22	15.73	15.25
541-ME-DVV-015	DC Voltmeter	0-15	200/V	16.22	15.73	15.25
541-ME-DVV-030	DC Voltmeter	0-30	200/V	16.22	15.73	15.25
541-ME-DVV-050	DC Voltmeter	0-50	200/V	16.22	15.73	15.25
541-ME-DVV-100	DC Voltmeter	0-100	200/V	16.22	15.73	15.25

DC MINIATURE PANEL METERS

These miniature meters are small in size, but highly sensitive. They provide quick legible readings and are extremely durable mechanically.

DIMENSIONS (IN.)



Edge Reading

MOUSER STOCK NO.	Fig.	Scale	R_{DC} (Ω)	Features	Price Each		
					1	10	25
391-0105	A	Balance	650	Zero Centering	10.45	8.71	7.92
391-0301	B	0-15+0-30	650	Dual Scale	10.45	8.71	7.92
391-0115	C	20-0-20	650	Zero Centering	10.45	8.71	7.92

3M Heat Shrinkable Tubing

FP-301 FLEXIBLE POLYOLEFIN SHRINKABLE TUBING

- Shrink ratio: 2:1
- Shrink temperature: 121°C min.
- Temperature range: -55°C to +135°C
- Meets MIL-I-2305315 Class 1&2
- Longitudinal shrinkage: <5%
- High resistance to solvents, acids, and alkalis
- Irradiation cross-linked polyolefin

Replace the blank in the Mouser Stock No. with:
1 for **Black**, 2 for **Blue**, 3 for **Clear**, 4 for **Red**, 5 for **White**, 6 for **Yellow**

PRECUT 4' LENGTHS					
MOUSER STOCK NO.	Expanded I.D. (In.)	Price Per 4' Length			
		1	5	10	25
* 5174-1364__	3/64	.77	.64	.46	.42
5174-1116__	1/16	.78	.65	.47	.43
5174-1332__	3/32	.82	.69	.49	.45
5174-118__	1/8	.89	.74	.53	.49
5174-1316__	3/16	1.08	.90	.65	.59
5174-114__	1/4	1.35	1.13	.81	.74
5174-138__	3/8	1.51	1.26	.91	.76
5174-112__	1/2	1.70	1.42	1.05	.94
5174-134__	3/4	2.27	1.89	1.36	1.22
5174-1100__	1	3.53	2.94	2.12	1.86
5174-1112__	1 1/2	6.58	5.48	3.95	3.44
* 5174-1200__	2	11.67	9.73	7.00	5.84
* 5174-1300__	3	22.89	19.08	14.12	11.75
* 5174-1400__	4	32.10	26.75	19.80	16.48

* Available in clear and black only

Small Reel: Replace blank with **5** for **Black**, **6** for **Clear**
Large Reel: Black is available from stock.
Replace blank with: **BK** for **Black**, **R** for **Red**,
Y for **Yellow**, **W** for **White**, **BU** for **Blue**, **C** for **Clear**

PER FOOT (Black Only)				SMALL REEL			LARGE REEL		
Expanded I.D. (In.)	MOUSER STOCK NO.	Price Per Foot		Reel Lth. (Ft.)	MOUSER STOCK NO.	Price Per Reel	Reel Lth. (Ft.)	MOUSER STOCK NO.	Price Per Reel
		1	50						
3/64	517-301364BK	.33	.26	100	517-5_01	17.74	1000	517-301364__/REEL	132.40
1/16	517-301116BK	.33	.26	100	517-5_02	18.63	1000	517-301116__/REEL	134.80
3/32	517-301332BK	.33	.26	100	517-5_03	18.63	500	517-301332__/REEL	71.35
- -	- - - - - - - - - - -	- - -	- - -	100	517-5_04	20.89	500	517-301018__/REEL	76.95
3/16	517-301316BK	.45	.32	100	517-5_05	23.68	250	517-301316__/REEL	46.80
		1	10						
- -	- - - - - - - - - - -	- - -	- - -	100	517-5_06	30.41	200	517-301014__/REEL	46.76
3/8	517-301038BK	.63	.57	100	* 517-5507	32.02	200	517-301038__/REEL	52.22
1/2	517-301012BK	.71	.64	100	517-5_08	37.65	200	517-301012__/REEL	58.90
3/4	517-301034BK	.95	.86	50	* 517-5509	25.16	200	517-301034__/REEL	78.56
1	517-301100BK	1.42	1.28	50	* 517-5510	37.52	100	517-301100__/REEL	58.70
1 1/2	517-301112BK	2.64	2.38	50	* 517-5511	73.49	100	517-301112__/REEL	109.42
- -	- - - - - - - - - - -	- - -	- - -	50	* 517-5512	96.58	100	517-301200__/REEL	151.18
- -	- - - - - - - - - - -	- - -	- - -	- - -	- - - - -	- - -	50	517-301300__/REEL	152.50
- -	- - - - - - - - - - -	- - -	- - -	- - -	- - - - -	- - -	50	517-301400__/REEL	213.83

* Available from stock in black only

FP-301 FLEXIBLE POLYOLEFIN SHRINKABLE TUBING KIT

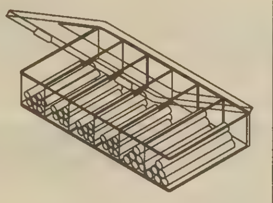
These heat shrink tubing kits are available in assorted colors or black. Each plastic box has a large selection of popular sizes and colors in 6" lengths. Assorted colors include black, red, white, yellow, blue, green, and clear.

MOUSER STOCK NO.	Size (In.)	Pkg. Qty.	Color	Price Each Kit
517-5100	3/32 - 1/2	133	Assorted	55.58
517-5200	3/16 - 1	102	Black	55.58

Features:
- Shrink ratio: 2:1
- Shrink temperature: 121°C min.
- Operating Temperature: -55°C to +135°C
- Longitudinal shrinkage: <5%

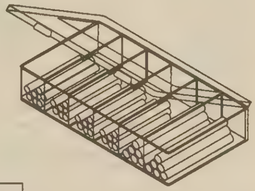
Reels are also available with a typical 1 to 2 week leadtime.

6" Refills for FP-301 Kits				
MOUSER STOCK NO.	Size (In.)	Pkg. Qty.	Color	Price Per Pkg.
517-5201	3/64 - 3/16	30	Black	7.47
517-5101	3/32	35	Assorted	7.47
517-5102	1/8	28	Assorted	7.47
517-5103	3/16	21	Assorted	7.47
517-5203	3/16	30	Black	7.47
517-5202	1/4 - 3/4	16	Black	7.47
517-5104	1/4	21	Assorted	7.47
517-5204	1/4	26	Black	7.47
517-5105	3/8	14	Assorted	7.47
517-5205	3/8	24	Black	7.47
517-5106	1/2	14	Assorted	7.47
517-5206	1/2	20	Black	7.47
517-5207	3/4	14	Black	7.47
517-5208	1	10	Black	7.47



EPS-300 ADHESIVE LINED POLYOLEFLIN HEAT-SHRINK TUBING KIT

Flexible bond with a wide variety of rubbers, plastics and metals. EPS-300 offers superb environmental protection for electronic components, wire splices, wire bundles, and harness breakouts. The tubing is made from flame-retardant, flexible polyolefin with an internal layer of special thermoplastic adhesive.



- Shrink ratio: 3:1
- Shrink temperature: 121°C min.
- Operating Temperature: -55°C to +110°C
- Longitudinal shrinkage: <15%

MOUSER STOCK NO.	Size (In.)	Pkg. Qty.	Color	Price Each Kit
517-5300	1/2, 3/4, 1	42	Red/Black	104.17

6" Refills for EPS-300 Kits							
MOUSER STOCK NO.	Size (In.)	Pkg. Qty.	Color	Price Per Package			
				1	5	10	25
517-5307	3/16	24	Black	19.93	19.26	18.62	17.93
517-5308	1/4	20	Black	19.93	19.26	18.62	17.93
517-5309	3/8	16	Black	19.93	19.26	18.62	17.93
517-5301	1/2	14	Red	19.93	19.26	18.62	17.93
517-5302	1/2	14	Black	19.93	19.26	18.62	17.93
517-5303	3/4	12	Red	19.93	19.26	18.62	17.93
517-5304	3/4	12	Black	19.93	19.26	18.62	17.93
517-5305	1	8	Red	19.93	19.26	18.62	17.93
517-5306	1	8	Black	19.93	19.26	18.62	17.93

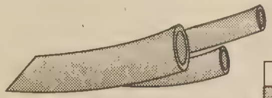
CP-221 COMMERCIAL SHRINKABLE TUBING

- Shrink ratio: 2:1
- Shrink temperature: 121°C min.
- Temperature range: -55°C to +135°C
- Longitudinal shrinkage: <5%

Available in Black Only

MOUSER STOCK NO.	Price Per Foot		Expanded I.D. (In.)	REEL STOCK NO.	Reel Length (Ft.)	Price Per Reel
	1	25				
5174-23641	.24	.19	3/64	5174-23641/REEL	1000	101.22
5174-21161	.28	.23	1/16	5174-21161/REEL	1000	103.55
5174-23321	.26	.21	3/32	5174-23321/REEL	500	54.73
5174-2181	.28	.22	1/8	5174-2181/REEL	500	58.37
5174-23161	.33	.27	3/16	5174-23161/REEL	250	34.85
5174-2141	.42	.34	1/4	5174-2141/REEL	200	35.15
5174-2381	.54	.44	3/8	5174-2381/REEL	200	39.99
5174-2121	.65	.52	1/2	5174-2121/REEL	200	47.79
5174-2341	.88	.70	3/4	5174-2341/REEL	200	64.49
5174-21001	1.32	1.06	1	5174-21001/REEL	100	48.50
5174-21121	2.30	1.84	1 1/2	5174-21121/REEL	100	84.47
5174-22001	2.78	2.22	2	5174-22001/REEL	100	116.41

EPS-300 ADHESIVE LINED POLYOLEFLIN HEAT-SHRINK TUBING



Features:
- Shrink ratio: 3:1
- Shrink Temperature: 121°C min
- Temperature Range: -55°C to +110°C
- Longitudinal shrinkage: <15%
- Tensile Strength: 2000 PSI
- Dielectric Strength: 700 V/mil

PRECUT 4' LENGTHS					
MOUSER STOCK NO.	Size	Color	Price Per 4' Length		
			1	12	24
5174-348316	3/16	Black	5.94	4.84	4.53
5174-348014	1/4	Black	7.35	5.99	5.61
5174-348038	3/8	Black	8.31	6.78	6.35
			1	5	10
5174-348012	1/2	Black	9.72	7.93	7.42
5174-348034	3/4	Black	13.68	11.16	10.44
5174-348100	1	Black	20.22	16.50	15.43

VFP-876 VERY FLEXIBLE SHRINKABLE TUBING

Ideal for shrink-fit jacketing and insulation of flexible wire bundles and sensitive components.

- Shrink ratio: 2:1
- Shrink temperature: 121°C min.
- Temperature range: -55°C to +135°C
- Longitudinal shrinkage: <5%
- Reels available upon request with a typical 1-2 week lead time.

Available in Black Only

6" LENGTHS				PRECUT 4' LENGTHS				
MOUSER STOCK NO.	No. Per Package	Price Per Pkg.		MOUSER STOCK NO.	Expanded I.D. (In.)	Price Each		
		1	5			1	5	10
517-6001	38	6.98	6.77	5174-31161	1/16	1.51	1.35	1.21
517-6002	36	6.98	6.77	5174-33321	3/32	1.60	1.43	1.15
517-6003	34	6.98	6.77	5174-3181	1/8	1.72	1.54	1.24
517-6015	30	6.98	6.77	5174-33161	3/16	2.09	1.67	1.20
517-6005	26	6.98	6.77	5174-3141	1/4	2.62	2.09	1.50
517-6006	24	6.98	6.77	5174-3381	3/8	2.92	2.34	1.68
517-6007	20	6.98	6.77	5174-3121	1/2	3.30	2.64	1.89
517-6008	14	6.98	6.77	5174-3341	3/4	4.41	3.53	2.53
517-6009	10	6.98	6.77	5174-31001	1	6.58	5.26	3.77

SR-350 SEMI-RIGID SHRINKABLE TUBING

Offers superior cut-through and abrasion resistance characteristics necessary for optimum mechanical performance.

Excellent for strain relief applications, wire marking, protective covering, and packaging of delicate components.

- Shrink ratio: 2:1
- Shrink temperature: 121°C min.
- Temperature range: -55°C to +135°C
- Longitudinal shrinkage: <5%

Available in Black Only

6" LENGTHS				PRECUT 4' LENGTHS				
MOUSER STOCK NO.	No. Per Package	Price Per Pkg.		MOUSER STOCK NO.	Expanded I.D. (In.)	Price Each		
		1	5			1	5	10
				5174-43321	3/32	1.94	1.55	1.36
517-6011	34	8.34	8.09	5174-4181	1/8	2.07	1.66	1.42
517-6012	30	8.34	8.09	5174-43161	3/16	2.54	2.05	1.62
517-6013	26	8.34	8.09	5174-4141	1/4	3.16	2.52	1.92
517-6014	24	8.34	8.09	5174-4381	3/8	3.52	2.81	2.08
				5174-4121	1/2	4.00	3.21	2.25

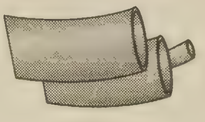
Heat Shrinkable Tubing, PVC Tubing, and Wire Accessories

INSUL-TAB SHRINKABLE TUBING

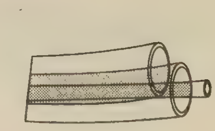
Available in Two Styles

Replace the blank in the part number with:
B for **Black**
C for **Clear**
(IE: 536-105-046B)

- Environment: resists most chemicals, oils and fungus
- Extra-flexible tubing



Black



Clear

Polyvinylchloride (PVC)

- Available in black or clear
- Operating temperature: 105°C
- UL VW-1
- 20% longitudinal shrinkage
- Shrinkage temperature: 100°C

MEETS MIL SPECS
MIL-I-23053/2

MOUSER STOCK NO.	Size (In.)	Expanded I.D. Min (In.)	Recovered I.D. (In.)	Price Per Foot		REEL STOCK NO.	Reel Lth (Ft.)	Price Per Reel	
				1	50			1	2
536-105-046___	3/64	.046	.023	.14	.13	536-105-046___/REEL	1000	113.40	103.95
536-105-063___	1/16	.063	.032	.11	.10	536-105-063___/REEL	1000	88.20	80.85
536-105-093___	3/32	.093	.046	.11	.10	536-105-093___/REEL	1000	91.80	84.15
536-105-125___	1/8	.125	.063	.12	.11	536-105-125___/REEL	1000	95.40	87.45
536-105-187___	3/16	.187	.093	.14	.13	536-105-187___/REEL	1000	109.80	100.65
536-105-250___	1/4	.250	.125	.15	.14	536-105-250___/REEL	1000	117.00	107.25
536-105-313___	5/16	.313	.157	.18	.17	536-105-313___/REEL	500	71.10	65.18
536-105-375___	3/8	.375	.187	.21	.19	536-105-375___/REEL	500	81.90	75.08
536-105-500___	1/2	.500	.250	.25	.23	536-105-500___/REEL	250	49.50	45.38
536-105-625___	5/8	.625	.313	.29	.27	536-105-625___/REEL	250	57.60	52.80
536-105-750___	3/4	.750	.375	.36	.33	536-105-750___/REEL	250	71.10	65.18
536-105-100___	1	1.000	.500	.52	.47	536-105-100___/REEL	250	102.60	94.05

INSUL-TAB ALL PURPOSE PVC TUBING

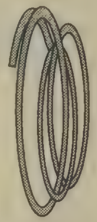
Insultab's 4900 Series is an all purpose, slip on jacketing for wire and cable insulation. It features high dielectric strength, high heat stability while maintaining superior flexibility. It is fire, oil, and chemical resistant and meets the critical requirements of UL VW-1 and MIL-I-631D specifications.

Features:

- High dielectric strength
- High heat stability
- Superior flexibility
- Oil and chemical resistant
- Color: black

Specifications:

- UL CSA/MIL Spec
- QPL Approved
- ASTM D-922
- Temperature rating: -20°C to +105°C



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MEETS MIL SPECS
MIL-I-631D

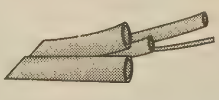
MOUSER STOCK NO.	AWG No.	I.D. (In.)	Wall Thick. (In.)	Price Per Foot			
				10	50	100	250
536-4900B-8	8	.133	.020	.24	.12	.10	.09
536-4900B-6	6	.166	.020	.26	.13	.11	.10
536-4900B-2	2	.263	.020	.37	.18	.16	.15

REEL STOCK NO.	AWG No.	I.D. (In.)	Reel Length (Ft.)	Price Per Reel	
				1	2
536-4900B-8/REEL	8	.133	1,000	68.00	61.20
536-4900B-6/REEL	6	.166	1,000	76.00	68.40
536-4900B-2/REEL	2	.263	1,000	108.00	97.20

PVC HEAT SHRINKABLE TUBING ASSORTMENTS

Fungus resistant. Non-corrosive. Meets MIL Spec, UL, and ASTM D-922 Requirements.

MEETS MIL SPECS



MOUSER STOCK NO.	Description	Price Each
524-12-1080	6" lengths, 23 pieces black	3.71
524-12-1082	6" lengths, 19 pieces clear	3.71

TUBULAR BRAID

Each strand soft drawn tinned copper wire meets Federal Specifications. QQ-W-343D types and ASTM-B-33. Shield coverage: 95%+ when placed over mandrel of equivalent diameter to that of braid interior.

Nominal Round Width (In.)	Braid Construction			Approx AWG Equiv.	Nominal Circular Mil Area CM	Current Carrying Capacity (Amps)	Per Foot				Per 100' Reel				
							MOUSER STOCK NO.	Price Per Foot			MOUSER STOCK NO.	Price Per 100' Reel			
	AWG of Indiv. Ends	Carrier	Total No. of Indiv. Ends					1	5	10		1	5	10	25
1/16	36	24	48	19	1200	11	602-2162-FT	.62	.56	.51	602-2162-100	33.60	30.24	27.22	24.49
1/8	36	24	120	15	3000	25	602-2166-FT	.78	.71	.64	602-2166-100	42.00	37.80	34.02	30.62
11/64	36	24	168	14	4200	32	602-2168-FT	1.01	.91	.83	602-2168-100	54.40	48.96	44.06	39.66
1/4	36	24	384	10	9600	53	602-2171-FT	1.72	1.56	1.42	602-2171-100	93.00	83.70	75.33	67.80
3/8	36	48	384	10	9600	53	602-2172-FT	1.78	1.61	1.47	602-2172-100	96.00	86.40	77.76	69.98
1/2	36	48	528	9	13200	62	602-2174-FT	2.89	2.62	2.39	602-2174-100	156.00	140.40	126.36	113.72
21/32	30	48	768	1	77180	190	602-2175/1-FT	6.94	6.30	5.74	602-2175/1-100	375.00	337.50	303.75	273.38
25/32	36	48	864	7	21600	88	602-2176-FT	3.94	3.58	3.26	602-2176-100	212.80	191.52	172.37	163.75

TINNED COPPER FLAT BRAID

Woven tinned copper braid rolled to specific width. Each strand meets requirements of fed. Spec. QQ-W-343E type S & ASTM-B-33. Current carrying capacity shown is for bare cable in free air at 30°C & intended as a reference guide only. Actual values will depend on permissible temperature rise, voltage drop, & other conditions of use.

Features:

- High current carrying ability
- High flexibility
- Meets QQ-W-343E
- Suitable for bonding and grounding applications

Nom Flat Width (In.)	AWG Equiv.	Nom. Thick (In.)	No. of Strands	Current Amps	By the Foot				By the 100' Reel				
					MOUSER STOCK NO.	Price Per Foot			REEL STOCK NO.	Price Per Reel			
						1	5	10		1	5	10	25
1/8	18	.020	72	16	602-1229-FT	.60	.55	.50	602-1229-100	34.95	31.80	28.94	26.34
3/16	15	.020	120	25	602-1230-FT	.67	.61	.55	602-1230-100	38.05	34.64	31.52	28.69
1/4	14	.030	168	32	602-1231-FT	.94	.86	.78	602-1231-100	51.75	47.09	42.85	38.99
3/8	12	.030	288	46	602-1232-FT	1.54	1.40	1.27	602-1232-100	83.35	75.85	69.00	62.79
1/2	10	.030	384	53	602-1233/2-FT	1.99	1.81	1.65	602-1233/2-100	104.95	95.50	86.91	79.09
5/8	10	.030	384	53	602-1233-FT	2.10	1.91	1.74	602-1233-100	111.05	101.06	91.96	83.65
3/4	7	.040	832	85	602-1234-FT	4.83	4.39	3.99	602-1234-100	250.00	227.50	207.03	188.39
1	7	.045	832	85	602-1235-FT	5.19	4.72	4.29	602-1235-100	267.75	243.65	221.73	201.77

MAGNET WIRE

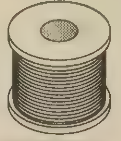
Heavy NYSOL 130°C

Specifications:

- Insulation: polyurethane with polyimide overcoat
- Thermal rating: 130°
- NEMA specification: MW 28-C
- Federal specification: J-W-1177A; types UN, UN2

Features:

- Easily wound
- High protection nylon overcoat
- Low friction coefficient
- Extremely solvent and varnish resistant



MOUSER STOCK NO.	AWG	Approx. Spool Weight	Approx. Feet Per Spool	Price Per Spool	
				1	5
501-MW16H-1LB	16	1 lb.	150	7.79	7.08
501-MW16H	16	8 lb.	1,200	47.20	44.25
501-MW18H-1LB	18	1 lb.	200	9.08	8.26
501-MW18H	18	8 lb.	1,600	55.12	-
501-MW20H-1LB	20	1 lb.	300	9.45	8.60
501-MW20H	20	8 lb.	2,500	57.36	-
501-MW22H-1LB	22	1 lb.	500	9.82	8.94
501-MW22H	22	8 lb.	4,000	59.60	-

MOUSER STOCK NO.	AWG	Approx. Spool Weight	Approx. Feet Per Spool	Price Per Spool	
				1	5
501-MW24H-1LB	24	1 lb.	700	10.42	9.51
501-MW24H	24	8 lb.	6,000	63.44	-
501-MW26H-1LB	26	1 lb.	1,200	11.16	10.16
501-MW26H	26	8 lb.	10,000	67.76	-
501-MW28H-1LB	28	1 lb.	1,500	12.32	11.21
501-MW28H	28	8 lb.	15,000	74.80	-

LACING FILAMENT

Features:

- Waxed with a fungicidal wax
- Excellent knot retention
- Color: natural

MEETS MIL SPECS

Supplied in 500 Yard Spools

MOUSER STOCK NO.	Width (In.)	Spool Price
501-50N0F17-W-WH	.090	17.87

FIT 105 FLEXIBLE IRRADIATED PVC SHRINKABLE TUBING

Specifications:
- Operating temperature: -35°C to 105°C
- Shrinkage ratio: app. 2 to 1 @ 175°C
- Longitudinal shrinkage: 10%
- Flammability: self-extinguishing (UL VW-1)
- Tensile strength: 2600psi
- Ultimate elongation: 250%
- Fungus resistance: no growth (MIL-1-7444)
- Dielectric strength: 750V
- MIL-1-23053/2C, class 1
- Color: black

Features:
- Economy
- Flexibility
- Excellent flame retardancy
- Military, UL/CSA requirements
- Extended shelf life

Applications:
- Use with irradiated PVC wire/cable
- Wire harnesses
- Cable/connector protection
- Insulation of terminals
- Wire splices

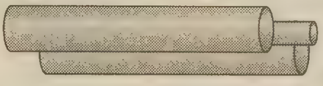
			25 Ft. Spool		100 Ft. Spool		Large Spools		
Size	Expanded I.D. Min (In.)	Recovered I.D. (In.)	MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Spool Lth (Ft.)	Price Per Spool
3/64	.046	.023	602-105364-25	10.73	602-105364-100	38.22	602-105364	1000	165.30
1/16	.062	.031	602-105116-25	11.51	602-105116-100	41.15	602-105116	1000	168.73
3/32	.093	.046	602-105332-25	13.07	602-105332-100	46.41	602-105332	1000	191.49
1/8	.125	.062	602-105018-25	13.65	602-105018-100	49.14	602-105018	1000	202.57
3/16	.187	.093	602-105316-25	16.77	602-105316-100	59.87	602-105316	1000	245.95
1/4	.250	.125	602-105014-25	21.06	602-105014-100	75.66	602-105014	1000	311.30
3/8	.375	.187	602-105038-25	23.40	602-105038-100	84.05	602-105038	500	173.34
1/2	.500	.250	602-105012-25	26.33	602-105012-100	94.77	602-105012	250	97.50
3/4	.750	.375	602-105034-25	35.49	602-105034-100	126.95	602-105034	250	130.90
1	1.000	.500	602-105100-25	49.53	602-105100-100	177.84	602-105100	250	182.99

FIT 221 FLEXIBLE IRRADIATED POLYOLEFIN SHRINKABLE TUBING

Specifications:
- Operating temperature: -55°C to 135°C
- Shrinkage ratio: app. 2 to 1 @ 121°C
- Longitudinal shrinkage: ±3%
- Flammability: self-extinguishing
- Tensile strength: 1800psi
- Ultimate elongation: 400%
- Fungus resistance: no growth
- Dielectric strength: 500V
- Color: black

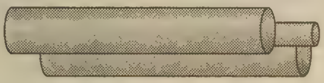
Features:
- Flexibility
- Excellent flame retardancy
- Military, UL/CSA requirements

Applications:
- Wire harnesses
- Cable/connector protection
- Insulation of terminals
- Wire splices



			6 In. Lengths					4 Ft. Lengths				Large Spools		
Size	Expanded I.D. Min (In.)	Recovered I.D. (In.)	MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Pkg.			MOUSER STOCK NO.	Price Per 4' Length			MOUSER STOCK NO.	Spool Lth (Ft.)	Price Per Spool
					1	5	10		1	5	25			
3/64	.046	.023	602-221364-6BK	40	10.99	10.12	9.52	602-221364-4BK	.69	- - -	.53	602-221364BK	1000	151.91
1/16	.063	.031	602-221116-6BK	36	10.99	10.12	9.52	602-221116-4BK	.71	- - -	.54	602-221116BK	1000	155.03
3/32	.093	.046	602-221332-6BK	32	10.99	10.12	9.52	602-221332-4BK	.80	- - -	.61	602-221332BK	500	87.95
1/8	.125	.062	602-221018-6BK	28	10.99	10.12	9.52	602-221018-4BK	.85	- - -	.65	602-221018BK	500	93.02
3/16	.187	.093	602-221316-6BK	24	10.99	10.12	9.52	602-221316-4BK	1.03	- - -	.78	602-221316BK	500	112.91
1/4	.250	.125	602-221014-6BK	20	10.99	10.12	9.52	602-221014-4BK	1.29	- - -	.99	602-221014BK	250	71.47
3/8	.375	.187	602-221038-6BK	16	10.99	10.12	9.52	602-221038-4BK	1.45	- - -	1.10	602-221038BK	200	63.69
1/2	.500	.250	602-221012-6BK	14	10.99	10.12	9.52	602-221012-4BK	1.63	1.51	1.43	602-221012BK	150	53.74
3/4	.750	.375	602-221034-6BK	12	10.99	10.12	9.52	602-221034-4BK	2.19	2.03	1.92	602-221034BK	250	120.22
1	1.000	.500	602-221100-6BK	8	10.99	10.12	9.52	602-221100-4BK	3.06	2.83	2.68	602-221100BK	250	168.05

FIT 221V HIGHLY FLAME RETARDANT IRRADIATED POLYOLEFIN SHRINKABLE TUBING



Specifications:
- Operating temperature: -40°C to 125°C
- Shrinkage ratio: app. 2 to 1 @ 121°C
- Longitudinal shrinkage: ±3%
- Flammability: self-extinguishing (UL VW-1)
- Tensile strength: 1800psi
- Ultimate elongation: 350%
- Fungus resistance: no growth
- Dielectric strength: 500V
- Color: black

Features:
- UL VW-1, CSA OFT flame test requirements
- Flexibility
- UL/CSA requirements

Applications:
- Wire harnesses
- Cable/connector protection
- Insulation of terminals
- Wire splices

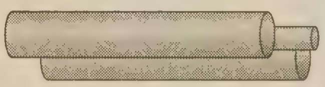
			6 In. Lengths					4 Ft. Lengths			
Size	Expanded I.D. Min (In.)	Recovered I.D. (In.)	MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Pkg.			MOUSER STOCK NO.	Price Per 4' Length		
					1	5	10		1	5	25
3/64	.046	.023	602-221V364-6	40	11.31	10.73	10.15	602-221V364-4	.94	- - -	.62
1/16	.063	.031	602-221V116-6	36	11.31	10.73	10.15	602-221V116-4	.95	- - -	.64
3/32	.093	.046	602-221V332-6	32	11.31	10.73	10.15	602-221V332-4	1.08	- - -	.72
1/8	.125	.062	602-221V018-6	28	11.31	10.73	10.15	602-221V018-4	1.15	- - -	.76
3/16	.187	.093	602-221V316-6	24	11.31	10.73	10.15	602-221V316-4	1.39	- - -	.93
1/4	.250	.125	602-221V014-6	20	11.31	10.73	10.15	602-221V014-4	1.76	- - -	1.17
3/8	.375	.187	602-221V038-6	16	11.31	10.73	10.15	602-221V038-4	1.96	- - -	1.31
1/2	.500	.250	602-221V012-6	14	11.31	10.73	10.15	602-221V012-4	2.20	1.47	1.39
3/4	.750	.375	602-221V034-6	12	11.31	10.73	10.15	602-221V034-4	2.96	1.97	1.87
1	1.000	.500	602-221V100-6	8	11.31	10.73	10.15	602-221V100-4	4.13	2.76	2.62

FIT 321 3 TO 1 SHRINK RATIO POLYOLEFIN SHRINKABLE TUBING

Specifications:
- Operating temperature: -55°C to 110°C
- Shrinkage ratio: app. 3 to 1 @ 125°C
- Longitudinal shrinkage: 15%
- Dielectric strength: 350V
- Color: black

Features:
- Adhesive inner wall
- Excellent flame retardancy
- Conforms to irregular shapes

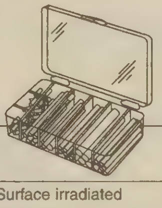
Applications:
- Wire harnesses
- Cable/connector protection
- Insulation of terminals
- Wire splices



			6 In. Lengths						4 Ft. Lengths				
Size	Expanded Inner Dimension Min.	Recovered Inner Dimension Min.	MOUSER STOCK NO.	Pieces Per Package	Price Per Package				MOUSER STOCK NO.	Price Per 4' Length			
					1	5	10	20		1	5	25	100
1/8	.12"	.04"	602-321018-6BK	28	42.50	41.25	40.00	37.50	602-321018-4BK	7.45	- - -	7.05	6.66
1/4	.24"	.08"	602-321014-6BK	20	42.50	41.25	40.00	37.50	602-321014-4BK	11.34	- - -	10.75	10.15
1/2	.47"	.16"	602-321012-6BK	14	42.50	41.25	40.00	37.50	602-321012-4BK	14.90	14.11	13.33	12.54
1	.94"	.32"	602-321100-6BK	8	42.50	41.25	40.00	37.50	602-321100-4BK	30.38	28.78	27.18	25.58

FIT SHRINKABLE TUBING ASSORTMENTS

Provides the Designer, Engineer, or Technician with a complete sampler selection of the most popular FIT shrinkable tubing types, colors, and sizes.

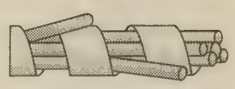


MOUSER STOCK NO.	Contents	Price Each
602-FIT-KIT-1	Vinyl: 9 sizes: 3/64"-3/4", 18: 6" pieces; Polyolefin: 9 sizes: 3/64"-3/4", 19: 6" pieces; Semi-rigid polyolefin: 8 sizes: 3/64"-1/2", 12: 6" pieces; Surface irradiated polyolefin: 5 sizes: 1/8"-1/2", 10: 6" pieces; Kynar: 7 sizes: 3/64"-3/8", 14: 6" pieces; Crimps: 22AWG and 10AWG, 3 pieces; Boots: 6 pieces	80.00
602-FIT-KIT-2	Includes all items in kit 602-FIT-KIT-1 (above), plus the following: Adhesive-lined polyolefin: 2 sizes: 1/4" and 1/2", 16: 6" pieces and 24:1" pieces; FEP Teflon: 6 sizes: 12AWG-24AWG, 22: 6" pieces; TFE Teflon: 5 sizes:18AWG-26AWG, 17: 6" pieces; Neoprene: 5 sizes:1/4"-1": 8: 6" pieces; Cable sleeves: 2 sizes: 21 and 22, 2: 6" pieces; Adhesive cable sleeves: 3/8": 10: 1" pieces	107.20
602-FIT-KIT-7	Vinyl: 7 sizes: 1/6"-1/2", 14: 6" pieces; FEP Teflon: 7 sizes: 24-12, 14: 6" pieces; 2 to 1 Polyolefin: 7 sizes: 1/16"-1/2", 28: 6" pieces; Adhesive wall polyolefin: 5 sizes: 1/4"-1", 10: 6" pieces; Ground lead polyolefin: 3 sizes: 1/8"-1/2", 6: 6" pieces; Surface irradiated polyolefin: 4 sizes: 1/2"-3/8", 8: 6" pieces; 3 to 1 Polyolefin: 3 sizes: 1/8"-1/2", 6: 6" pieces; Kynar: 7 sizes: 3/64"-1/2", 14: 6" pieces; Shrink nylon crimps: 3 sizes: 1-3, 12 pieces	123.20

Tubing, Sleeving, Hook-Up, and Bus Bar Wire

SW SERIES SPIRAL WRAP TUBING

Spiral cut for harness breakouts: Wire harnessing, cabling and bundling work is simplified with the use of Alpha's SW series spiral wrap tubing. SW tubing wraps tightly to the wire and cable being bundle, yet is flexible and simple to apply. All types maintain flexibility even when bent around sharp edges. Breakouts or tapoff connections may be made through the openings of the wrap.



Clear Polyethylene

Features:
- Operating temperature: -20°C to 80°C
- Color: natural
- Flammability: not flame retardant

Size	25 Ft. Spool MOUSER STOCK NO.	Price Each	100 Ft. Spool MOUSER STOCK NO.	Price Each
1/8	602-SW-1-25	3.41	602-SW-1-100	11.70
1/4	602-SW-2-25	6.16	602-SW-2-100	19.60
3/8	602-SW-3-25	8.62	602-SW-3-100	32.45
1/2	602-SW-4-25	10.34	602-SW-4-100	36.50

Nylon

Features:
- Operating temperature: -40°C to 120°C
- Color: natural
- Flammability: 94V-2

1/8	602-SW-20-25	9.67	602-SW-20-100	31.30
1/4	602-SW-21-25	15.95	602-SW-21-100	55.36
3/8	602-SW-22-25	35.78	602-SW-22-100	123.92
1/2	602-SW-23-25	46.20	602-SW-23-100	160.76

UV Resistant Black Polyethylene

Features:
- Operating temperature: -20°C to 80°C
- Color: black
- Flammability: not flame retardant

1/8	602-SW-40-25	3.61	602-SW-40-100	12.13
1/4	602-SW-41-25	7.23	602-SW-41-100	24.90
3/8	602-SW-42-25	10.22	602-SW-42-100	35.55
1/2	602-SW-43-25	13.40	602-SW-43-100	46.20

EXPANDABLE BRAIDED POLYESTER SLEEVING

GRP-120

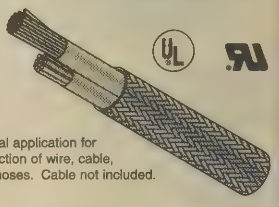
Alpha GRP is a lightweight, expandable woven polyester sleeving that offers high flexibility with high resistance to abrasion and cut-through. The open weave allows for a great range of expansion of the sleeving diameter, thus ensuring ease of installation and gripping action over a wide range of shapes and sizes. GRP sleeving is an ideal protective sleeve for wire bundles, harnesses, pneumatic hoses, hydraulic lines and highly polished or threaded machine parts.

Specifications:
- Operating temperature: -70°C to 125°C
- Withstands short term exposure to 230°C
- GRP-120 passes UL VW-1 flame test
- Color: black

Applications:
- Cut-resistant covering for wire, cable, and hoses
- Wire bundling and harnessing
- Jacket for flat cable

Features:
- Lightweight, flexible routing
- High abrasion and cut-through resistance
- Rot-free/fungus-proof applications

To prevent fraying of ends, GRP-120 should be cut/sealed with a hot knife.



Typical application for protection of wire, cable, and hoses. Cable not included.

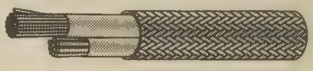
Size	Rec I.D. (In.)	Exp I.D. Min (In.)	By the Foot MOUSER STOCK NO.	Price Per Foot 1	10	25	By the Spool MOUSER STOCK NO.	Spool Lth (Ft.)	Price Per Spool
1/8	.093	.250	602-120018-100B-FT	1.21	.97	.73	602-120018-100B	100	47.27
1/4	.125	.437	602-120014-100B-FT	1.90	1.52	1.14	602-120014-100B	100	68.13
1/2	.250	.750	602-120012-100B-FT	3.12	2.50	1.87	602-120012-100B	100	121.80
3/4	.500	1.250	602-120034-100B-FT	3.47	2.77	2.08	602-120034-100B	100	135.21
1 1/4	.750	1.750	602-120114-50B-FT	6.09	4.87	3.66	602-120114-50B	50	118.81

NON-FRAYING, EXPANDABLE BRAID SLEEVING GRP-120NF

Features:
- Flame retardant
- Cuts with ordinary sissors without fraying
- **Does not require a hot knife when cutting**

Specifications:
- Operating temperature: -70°C to 125°C
- Flammability rating: UL VW-1
- Color: black

Typical application for protection of wire, cable, and hoses. Cable not included.



Size	Rec I.D. (In.)	Exp I.D. Min (In.)	By the Foot MOUSER STOCK NO.	Price Per Foot 1	10	25	By the Spool MOUSER STOCK NO.	Spool Lth (Ft.)	Price Per Spool
1/8	.093	.250	602-120018NF-100B-FT	1.75	1.40	1.05	602-120018NF-100B	100	66.50
1/4	.125	.440	602-120014NF-100B-FT	2.50	2.00	1.50	602-120014NF-100B	100	95.00
1/2	.250	.750	602-120012NF-100B-FT	4.45	3.56	2.67	602-120012NF-100B	100	169.10
3/4	.500	1.250	602-120034NF-100B-FT	6.65	5.32	3.99	602-120034NF-100B	100	252.70
1 1/4	.750	1.750	602-120114NF-FT	8.70	6.96	5.22	602-1200114NF-50B	50	165.30

HOOK-UP WIRE

COLOR CODE CHART

Colors = Ordering Suffix

White = 01
Black = 02
Red = 03
Green = 04
Yellow = 05
Blue = 06
Brown = 07
Orange = 08
Gray = 09
Violet = 10

UL1007 PVC Insulation

Alpha Type	Replaces Belden	Replaces Carol	Conductor AWG	Strand	Nominal O.D. (In.)	100 Ft. Spools MOUSER STOCK NO.	Spool Price 1	5	1000 Ft. Spools MOUSER STOCK NO.	Spool Price 1	5	10
Solid Conductor												
3050/1	- - -	C2003	24	Solid	.057	602-3050/1-100-__	5.57	5.29	602-3050/1-1000-__	38.11	36.20	34.39
3051/1	- - -	C2004	22	Solid	.065	602-3051/1-100-__	6.43	6.11	602-3051/1-1000-__	48.14	45.73	43.45
3053/1	- - -	C2028	20	Solid	.071	602-3053/1-100-__	7.41	7.04	602-3053/1-1000-__	45.72	43.43	41.26
Stranded Conductor												
3050	9923	C2015	24	7/32	.057	602-3050-100-__	8.30	7.89	602-3050-1000-__	40.89	38.85	36.91
3051	9921	C2016	22	7/30	.065	602-3051-100-__	8.78	8.34	602-3051-1000-__	41.31	39.24	37.28
3053	9919	C2040	20	10/30	.071	602-3053-100-__	9.70	9.22	602-3053-1000-__	42.79	40.65	38.62
3055	9918	C2064	18	16/30	.080	602-3055-100-__	10.34	9.82	602-3055-1000-__	61.38	58.31	55.39
3057	9916	C2065	16	26/30	.095	602-3057-100-__	11.94	11.34	602-3057-1000-__	84.33	80.11	76.10

UL1015 PVC Insulation

						100 Ft.Spools			1000 Ft. Spools			
3070	9924	C2100	24	7/32	.088	602-3070-100-__	7.63	7.25	602-3070-1000-__	42.47	40.35	38.33
3071	9920	C2101	22	7/30	.094	602-3071-100-__	8.03	7.63	602-3071-1000-__	55.46	52.69	50.06
3073	8919	C2102	20	10/30	.100	602-3073-100-__	9.84	9.35	602-3073-1000-__	58.93	55.98	53.18
3075	8918	C2103	18	16/30	.112	602-3075-100-__	12.31	11.69	602-3075-1000-__	73.95	70.25	66.74
3077	8917	C2104	16	26/30	.124	602-3077-100-__	14.40	13.68	602-3077-1000-__	98.80	93.86	89.17

UL1429 Solder Iron Resistant Irradiated PVC Insulation

						100 Ft. Spools			1000 Ft. Spools			
7054	- - -	- - -	24	7/32	.045	602-7054-100-__	12.09	11.49	602-7054-1000-__	75.58	71.80	68.21
7055	- - -	- - -	22	7/30	.051	602-7055-100-__	15.61	14.83	602-7055-1000-__	97.59	92.71	88.07
7056	- - -	- - -	20	7/28	.059	602-7056-100-__	19.86	18.87	602-7056-1000-__	124.15	117.94	112.04
7057	- - -	- - -	18	7/26	.070	602-7057-100-__	27.52	26.14	602-7057-1000-__	171.99	163.39	155.22

UL1007

Features:
- Operating temperature: 40°C to 80°C (UL AWM 1007)
- Voltage rating: 300V
- Conductor: solid and stranded tinned copper
- Insulation: color-coded PVC

Specifications:
- UL AWM styles 1007 and 1569
- CSA TR-64

UL1015

Features:
- Operating temperature: -20°C to 105°C
- Voltage rating: 600V
- Conductor: stranded tinned copper
- Insulation: color-coded PVC

Specifications:
- UL AWM style 1015
- CSA TEW-105

UL1429

Features:
- Operating temperature: -55°C to 105°C (CSA AWM I A/B FT1) -55°C to 105°C (MIL-W-I6878E); -55°C to 80°C (UL AWM 1429)
- Voltage rating: 600V (MIL), 150V (UL, CSA)
- Conductor: stranded tinned copper
- Insulation: color-coded, irradiated PVC (XLPVC)

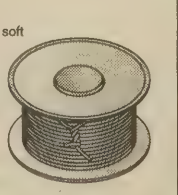
Specifications:
- UL AWM style 1429
- CSA AWM I A/B FT1
- MIL-W-16878E, Type B

BUS BAR WIRE

Alpha Type	Conductor AWG	Diameter (In.)	100 Ft. Spools MOUSER STOCK NO.	Spool Price 1	5
299/3	30	0.01	602-299/3-100	7.79	7.18
299/2	28	0.013	602-299/2-100	7.79	7.18
299/1	26	0.016	602-299/1-100	7.98	7.35
299	24	0.02	602-299-100	8.17	7.53
298	22	0.025	602-298-100	8.36	7.70
297	20	0.032	602-297-100	10.45	9.63
296	18	0.04	602-296-100	13.49	12.43
295	16	0.051	602-295-100	19.19	17.68
286	14	0.064	602-286-100	29.07	26.78
289	12	0.081	602-289-100	42.56	39.20

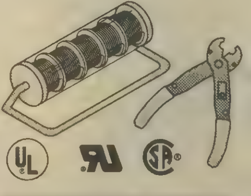
Features:
- Conductor: electrolytic soft drawn and annealed solid tin plated copper

Specifications:
- MIL-W-3861 Type S (Inactive Military Specification)
- QQ-W-343 Type S



HOOK-UP WIRE KITS

Hook-Up Wire Kits contain an assortment of 100 ft. spools suitable for military or UL/CSA applications. Each kit contains five spools of hook-up wire in a unique, rack-mounted, transparent dispensing tube. The tube and rack system keeps hook-up wire neat, clean, and conveniently at hand.



Features:
- Operating temperature: -40°C to 105°C
- Voltage rating: 300V
- AWG size: 22AWG stranded (HU-KIT-20)
24AWG stranded (HU-KIT-40)
- Includes cut and strip tool
- Five assorted hook-up wire colors: white, black, red, green, and blue

MOUSER STOCK NO.	AWG Size	Price Each
602-HU-KIT-20	22	57.00
602-HU-KIT-40	24	57.00

XTRA-GUARD® 1 Multiconductor and Multi-Pair Cable

Features:
- Unsurpassed flame and moisture resistance
- Fast, easy stripping of insulation and jacket
- UL recognition and UL listing
- Flexible cable routing requirements

Specifications:
- UL type CM, AWM style 2464
- CSA PCC FT4
- Passes UL VW-1 flame test
- Passes CSA FT4 flame test

Characteristics:
- Operating temperature: -20°C to 80°C - AWM -20°C to 75°C - CM
- Voltage rating: 300V
- Conductor: stranded tinned copper
- Insulation: color-coded premium PVC
- Nylon rip cord for ease of jacket stripping
- Jacket: Premium PVC for extended cable life

Applications:
- High technology applications in controlled environments
- Medical electronics
- Point-of-sale equipment
- Industrial process controls
- EIA RS232C interface

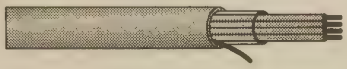
CE

UL Listed

CSA Certified

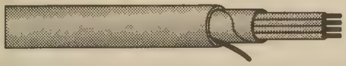
* Conductors color coded per international standards: Brown, Blue, Green/Yellow

MULTICONDUCTOR, UNSHIELDED



Alpha Type	No. of Cond.	Conductor AWG	Conductor Strand	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool
5002C	2	22	7 X 30	602-5002C-100	77.90	602-5002C-500	353.50
5003C	3	22	7 X 30	602-5003C-100	93.10	602-5003C-500	425.25
5004C	4	22	7 X 30	602-5004C-100	115.90	602-5004C-500	533.75
5006C	6	22	7 X 30	602-5006C-100	131.10	602-5006C-500	596.75
5008C	8	22	7 X 30	602-5008C-100	171.00	602-5008C-500	785.75
5010C	10	22	7 X 30	602-5010C-100	188.10	602-5010C-500	866.25
5010/15C	15	22	7 X 30	602-5010/15C-100	281.20	602-5010/15C-500	1291.50
5056C	6	20	7 X 28	602-5056C-100	174.80	602-5056C-500	803.25
5058C	8	20	7 X 28	602-5058C-100	205.20	602-5058C-500	939.15
5060C	10	20	7 X 28	602-5060C-100	237.50	602-5060C-500	1092.00
5060/15C	15	20	7 X 28	602-5060/15C-100	366.70	602-5060/15C-500	1687.00
5062C	2	18	16 X 30	602-5062C-100	104.50	602-5062C-500	479.50
5062/1C	2*	18	16 X 30	602-5062/1C-100	104.50	602-5062/1C-500	479.50
5063C	3	18	16 X 30	602-5063C-100	125.40	602-5063C-500	605.50
5063/1C	3	18	16 X 30	602-5063/1C-100	133.00	602-5063/1C-500	605.50
5064C	4*	18	16 X 30	602-5064C-100	157.70	602-5064C-500	722.75
5066C	6	18	16 X 30	602-5066C-100	228.00	602-5066C-500	1046.50
5068C	8	18	16 X 30	602-5068C-100	273.60	602-5068C-500	1254.75
5070C	10	18	16 X 30	602-5070C-100	321.10	602-5070C-500	1474.75
5070/15C	15	18	16 X 30	602-5070/15C-100	488.30	602-5070/15C-500	2247.00
5072C	2	16	19 X 29	602-5072C-100	133.00	602-5072C-500	605.50
5073C	3	16	19 X 29	602-5073C-100	176.70	602-5073C-500	812.00
5073/1C	3	16	19 X 29	602-5073/1C-100	176.70	602-5073/1C-500	812.00
5074C	4	16	19 X 29	602-5074C-100	220.40	602-5074C-500	1101.50
5076C	6*	16	19 X 29	602-5076C-100	292.60	602-5076C-500	1345.75
5078C	8	16	19 X 29	602-5078C-100	393.30	602-5078C-500	1804.25
5080C	10	16	19 X 29	602-5080C-100	541.50	602-5080C-500	2490.25
5080/15C	15	16	19 X 29	602-5080/15C-100	672.60	602-5080/15C-500	3095.15

FOIL SHIELD



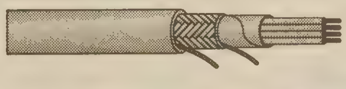
Multiconductor

Alpha Type	No. of Cond.	Conductor AWG	Conductor Strand	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool
5192C	2	22	7 X 30	602-5192C-100	98.80	602-5192C-500	451.50
5193C	3	22	7 X 30	602-5193C-100	115.90	602-5193C-500	533.75
5194C	4	22	7 X 30	602-5194C-100	133.00	602-5194C-500	605.50
5196C	6	22	7 X 30	602-5196C-100	165.30	602-5196C-500	757.75
5198C	8	22	7 X 30	602-5198C-100	188.10	602-5198C-500	866.25
5199/10C	10	22	7 X 30	602-5199/10C-100	228.00	602-5199/10C-500	1046.50
5199/15C	15	22	7 X 30	602-5199/15C-100	294.50	602-5199/15C-500	1354.50
5462C	2	20	7 X 28	-----	---	602-5462C-500	523.25
5463C	3	20	7 X 28	602-5463C-100	133.00	602-5463C-500	605.50
5464C	4	20	7 X 28	602-5464C-100	152.00	602-5464C-500	694.75
5466C	6	20	7 X 28	602-5466C-100	188.00	602-5466C-500	860.25
5468C	8	20	7 X 28	-----	---	602-5468C-500	1011.50
5470C	10	20	7 X 28	-----	---	602-5470C-500	1263.50
5470/15C	15	20	7 X 28	-----	---	602-5470/15C-500	1706.25
5382C	2	18	16 X 30	602-5382C-100	133.00	602-5382C-500	586.25
5383C	3	18	16 X 30	602-5383C-100	161.50	602-5383C-500	740.25
5384C	4	18	16 X 30	602-5384C-100	172.90	602-5384C-500	799.50
5386C	6	18	16 X 30	602-5386C-100	229.90	602-5386C-500	1057.00
5388C	8	18	16 X 30	602-5388C-100	298.30	602-5388C-500	1372.00
5390C	10	18	16 X 30	602-5390C-100	342.00	602-5390C-500	1569.75
5390/15C	15	18	16 X 30	602-5390/15C-100	488.30	602-5390/15C-500	2247.00
5362C	2	16	19 X 29	602-5362C-100	161.50	602-5362C-500	740.25
5363C	3	16	19 X 29	602-5363C-100	205.20	602-5363C-500	939.75
5364C	4	16	19 X 29	602-5364C-100	229.90	602-5364C-500	1057.00
5366C	6	16	19 X 29	602-5366C-100	315.40	602-5366C-500	1452.50
5368C	8	16	19 X 29	602-5368C-100	416.10	602-5368C-500	1912.75
5370C	10	16	19 X 29	602-5370C-100	560.50	602-5370C-500	2581.25
5370/15C	15	16	19 X 29	602-5370/15C-100	727.70	602-5370/15C-500	3347.75

Multi-Pair

Alpha Type	No. of Pairs	Conductor AWG	Conductor Strand	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool
5491C	1	24	7 X 32	602-5491C-100	98.80	602-5491C-500	451.50
5492C	2	24	7 X 32	602-5492C-100	131.10	602-5492C-500	596.75
5493C	3	24	7 X 32	602-5493C-100	161.50	602-5493C-500	740.25
5494C	4	24	7 X 32	602-5494C-100	180.50	602-5494C-500	831.75
5495C	5	24	7 X 32	602-5495C-100	216.60	602-5495C-500	994.00
5496C	6	24	7 X 32	602-5496C-100	241.30	602-5496C-500	1111.25
5499C	9	24	7 X 32	602-5499C-100	332.50	602-5499C-500	1526.00
5481C	1	22	7 X 30	602-5481C-100	104.50	602-5481C-500	479.50
5482C	2	22	7 X 30	602-5482C-100	133.00	602-5482C-500	605.50
5483C	3	22	7 X 30	602-5483C-100	167.20	602-5483C-500	768.25
5484C	4	22	7 X 30	602-5484C-100	199.50	602-5484C-500	911.75
5485C	5	22	7 X 30	602-5485C-100	228.00	602-5485C-500	1046.50
5486C	6	22	7 X 30	602-5486C-100	256.50	602-5486C-500	1174.25
5489C	9	22	7 X 30	602-5489C-100	374.30	602-5489C-500	1723.75

SUPRASHIELD™ (Foil Shield Plus Braid Shield)



Multiconductor

Alpha Type	No. of Cond.	Conductor AWG	Conductor Strand	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool
5102C	2	22	7 X 30	602-5102C-100	146.30	602-5102C-500	668.50
5103C	3	22	7 X 30	602-5103C-100	163.40	602-5103C-500	749.00
5104C	4	22	7 X 30	602-5104C-100	172.90	602-5104C-500	794.50
5106C	6	22	7 X 30	602-5106C-100	210.90	602-5106C-500	966.00
5108C	8	22	7 X 30	602-5108C-100	245.10	602-5108C-500	1128.75
5110C	10	22	7 X 30	602-5110C-100	286.90	602-5110C-500	1317.75
5110/15C	15	22	7 X 30	602-5110/15C-100	404.70	602-5110/15C-500	1858.50
5152C	2	20	7 X 28	602-5152C-100	169.10	602-5152C-500	777.00
5153C	3	20	7 X 28	602-5153C-100	193.80	602-5153C-500	885.50
5154C	4	20	7 X 28	602-5154C-100	210.90	602-5154C-500	966.00
5156C	6	20	7 X 28	602-5156C-100	275.50	602-5156C-500	1263.50
5158C	8	20	7 X 28	602-5158C-100	302.10	602-5158C-500	1389.50
5160C	10	20	7 X 28	-----	---	602-5160C-500	1732.50
5160/15C	15	20	7 X 28	-----	---	602-5160/15C-500	2444.75
5162C	2*	18	16 X 30	602-5162C-100	190.00	602-5162C-500	875.00
5162/1C	2	18	16 X 30	602-5162/1C-100	190.00	602-5162/1C-500	875.00
5163C	3*	18	16 X 30	602-5163C-100	222.30	602-5163C-500	1020.25
5163/1C	3	18	16 X 30	602-5163/1C-100	222.30	602-5163/1C-500	1020.25
5164C	4	18	16 X 30	602-5164C-100	248.90	602-5164C-500	1146.25
5166C	6	18	16 X 30	602-5166C-100	328.70	602-5166C-500	1506.75
5168C	8	18	16 X 30	602-5168C-100	400.90	602-5168C-500	1841.00
5170C	10	18	16 X 30	602-5170C-100	467.90	602-5170C-500	2192.75
5170/15C	15	18	16 X 30	602-5170/15C-100	685.90	602-5170/15C-500	3158.75
5172C	2	16	19 X 29	602-5172C-100	218.50	602-5172C-500	1002.75
5173C	3	16	19 X 29	602-5173C-100	281.20	602-5173C-500	1291.50
5174C	4	16	19 X 29	602-5174C-100	309.70	602-5174C-500	1426.25
5176C	6	16	19 X 29	602-5176C-100	416.10	602-5176C-500	1912.75
5178C	8	16	19 X 29	602-5178C-100	552.90	602-5178C-500	2544.50
5180C	10	16	19 X 29	602-5180C-100	674.30	602-5180C-500	3104.50
5180/15C	15	16	19 X 29	602-5180/15C-100	944.30	602-5180/15C-500	4348.75

Multi-Pair

Alpha Type	No. of Pairs	Conductor AWG	Conductor Strand	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool
5271C	1	24	7 X 32	602-5271C-100	136.80	602-5271C-500	623.00
5272C	2	24	7 X 32	602-5272C-100	171.00	602-5272C-500	785.75
5273C	3	24	7 X 32	602-5273C-100	212.80	602-5273C-500	974.75
5274C	4	24	7 X 32	602-5274C-100	252.70	602-5274C-500	1163.75
5275C	5	24	7 X 32	602-5275C-100	298.30	602-5275C-500	1372.00
5276C	6	24	7 X 32	602-5276C-100	309.70	602-5276C-500	1426.25
5279C	9	24	7 X 32	602-5279C-100	412.30	602-5279C-500	1895.25
5121C	1	22	7 X 30	602-5121C-100	138.70	602-5121C-500	631.75
5122C	2	22	7 X 30	602-5122C-100	188.10	602-5122C-500	866.25
5123C	3	22	7 X 30	602-5123C-100	237.50	602-5123C-500	1093.75
5124C	4	22	7 X 30	-----	---	602-5124C-500	1254.75
5125C	5	22	7 X 30	602-5125C-100	326.80	602-5125C-500	1498.00
5126C	6	22	7 X 30	602-5126C-100	361.00	602-5126C-500	1660.75
5129C	9	22	7 X 30	602-5129C-100	482.60	602-5129C-500	2220.75

Communication and Control Cable

MULTICONDUCTOR, UNSHIELDED

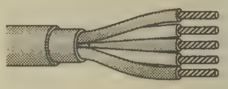
UL Type CM, UL AWM 2576, CSA PCC FT4, 300 Volt

					100' Spools		500' Spools		1000' Spools	
Alpha Type	No. of Cond.	Conductor		O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
		AWG	Strand							
1172C	2	22	7 x 30	.16	602-1172C-100	14.36	602-1172C-500	43.02	602-1172C-1000	69.70
1173C	3	22	7 x 30	.17	602-1173C-100	18.70	602-1173C-500	57.86	602-1173C-1000	93.50
1174C	4	22	7 x 30	.19	602-1174C-100	20.70	602-1174C-500	65.78	602-1174C-1000	117.30
1175C	5	22	7 x 30	.20	602-1175C-100	25.14	602-1175C-500	83.95	602-1175C-1000	147.90
1178C	8	22	7 x 30	.22	602-1178C-100	32.66	602-1178C-500	117.25	602-1178C-1000	229.50
1180C	10	22	7 x 30	.26	602-1180C-100	37.70	602-1180C-500	143.22	602-1180C-1000	277.10
1181C	12	22	7 x 30	.28	602-1181C-100	43.26	602-1181C-500	197.75	602-1181C-1000	345.10
1181/25C	25	22	7 x 30	.36	602-1181/25C-100	88.60	602-1181/25C-500	367.50	602-1181/25C-1000	700.40

UL Type CM, UL AWM 2509, UL CSA PCC FT4, 300 Volt

					100' Spools		500' Spools		1000' Spools	
1895C	2	20	7 x 28	.18	602-1895C-100	16.74	602-1895C-500	50.86	602-1895C-1000	88.16
1896C	3	20	7 x 28	.19	602-1896C-100	25.97	602-1896C-500	78.75	602-1896C-1000	142.80
1896/4C	4	20	7 x 28	.21	602-1896/4C-100	25.97	602-1896/4C-500	87.34	602-1896/4C-1000	160.89
1897C	2	18	16 x 30	.20	602-1897C-100	10.28	602-1897C-500	71.94	602-1897C-1000	121.92
1898C	3	18	16 x 30	.21	602-1898C-100	26.49	602-1898C-500	95.24	602-1898C-1000	175.56
1898/4C	4	18	16 x 30	.24	602-1898/4C-100	30.70	602-1898/4C-500	122.55	602-1898/4C-1000	219.42

Specifications:
- Jacket: gray PVC
- Insulation: color-coded PVC
- Conductor: stranded tinned copper

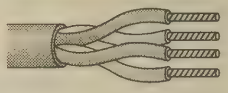


MULTIPAIR, UNSHIELDED

UL Type CM, UL AWM 2576, CSA PCC FT4, 150 Volt

					1000' Spools	
Alpha Type	No. of Pairs	Conductor		O.D. (In.)	MOUSER STOCK NO.	Price Per 1000' Spool
		AWG	Strand			
1302C	2	22	Solid	.21	602-1302C-1000	134.54
1304C	3	22	Solid	.22	602-1304C-1000	211.97
1305C	4	22	Solid	.24	602-1305C-1000	280.48
1317C	2	22	7 x 30	.22	602-1317C-1000	153.00
1318C	3	22	7 x 30	.24	602-1318C-1000	710.36
1319C	4	22	7 x 30	.26	602-1319C-1000	271.75

Specifications:
- Jacket: gray PVC
- Insulation: color-coded PVC
- Conductor: stranded tinned copper



MULTICONDUCTOR, SHIELDED

Foil Shield, UL Type CM, UL AWM 2092, 2093, 2094, CSA PCC FT4, 300 Volt

					100' Spools		500' Spools		1000' Spools	
Alpha Type	No. of Cond.	Conductor		O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
		AWG	Strand							
2400C	2	24	7 x 32	.16	602-2400C-100	15.35	602-2400C-500	58.92	602-2400C-1000	90.10
2401C	2	22	7 x 30	.17	602-2401C-100	15.07	602-2401C-500	65.57	602-2401C-1000	117.30
2403C	3	22	7 x 30	.18	602-2403C-100	19.65	602-2403C-500	73.99	602-2403C-1000	125.80
2404C	4	22	7 x 30	.20	602-2404C-100	22.10	602-2404C-500	106.75	602-2404C-1000	168.30
2411C	2	20	7 x 28	.18	602-2411C-100	18.04	602-2411C-500	71.75	602-2411C-1000	134.30
2413C	3	20	7 x 28	.20	602-2413C-100	20.65	602-2413C-500	79.66	602-2413C-1000	151.30
2414C	4	20	7 x 28	.22	602-2414C-100	25.33	602-2414C-500	99.75	602-2414C-1000	193.80
2421C	2	18	16 x 30	.21	602-2421C-100	21.36	602-2421C-500	77.00	602-2421C-1000	139.40
2423C	3	18	16 x 30	.23	602-2423C-100	24.57	602-2423C-500	106.61	602-2423C-1000	193.80
2432C	2	16	19x.0117	.24	602-2432C-100	31.81	602-2432C-500	114.36	602-2432C-1000	222.70

Foil Shield, UL Type CM, UL AWM 2576, CSA PCC FT4

					100' Spools		500' Spools		1000' Spools	
1214C	4	24	7 x 32	.18	602-1214C-100	22.80	602-1214C-500	86.70	602-1214C-1000	160.38
1219/25C	25	24	7 x 32	.33	602-1219/25C-100	76.00	602-1219/25C-500	332.50	602-1219/25C-1000	637.50

Specifications:
- Jacket: gray PVC
- Insul.: color-coded polyethylene (PE)
- Shield: aluminum/polyester tape (100% coverage)
- Conductor: stranded tinned copper

MULTIPAIR, SHIELDED

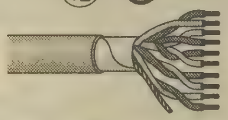
Foil Shield, UL Type CM, UL AWM 2464, CSA PCC FT4, 300 Volt

					100' Spools		500' Spools		1000' Spools	
Alpha Type	No. of Pairs	Conductor		O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
		AWG	Strand							
5471C	1	24	7 x 32	.16	602-5471C-100	18.41	602-5471C-500	56.70	602-5471C-1000	85.00
5472C	2	24	7 x 32	.21	602-5472C-100	22.34	602-5472C-500	76.88	602-5472C-1000	132.23
5473C	3	24	7 x 32	.23	602-5473C-100	28.48	602-5473C-500	97.55	602-5473C-1000	178.50
5474C	4	24	7 x 32	.24	602-5474C-100	36.01	602-5474C-500	128.19	602-5474C-1000	212.50

Foil Shield, UL Type CM, UL AWM 2464, CSA PCC FT4, 300 Volt

					100' Spools		500' Spools		1000' Spools	
5902C	2	22	Solid	.22	- - - - -	- - -	602-5902C-500	102.08	602-5902C-1000	183.60
5905C	4	22	Solid	.26	602-5905C-100	39.65	602-5905C-500	142.92	602-5905C-1000	268.84

Specifications:
- Jacket: gray PVC
- Insulation: color-coded PVC
- Shield: aluminum/polyester tape (100% coverage)
- Conductor: stranded tinned copper



Foil/Braid Shield, UL Type CM, UL AWM 2464, CSA PCC FT4, 300 Volt

- Jacket: gray PVC
- Insulation: color-coded SR-PVC
- Shield: aluminum-polyester/65% tinned copper braid
- Conductor: stranded tinned copper

					100' Spools		500' Spools		1000' Spools	
6362	2	24	7 x 32	.23	602-6362-100	32.03	602-6362-500	136.50	602-6362-1000	238.00
6363	3	24	7 x 32	.25	602-6363-100	37.64	602-6363-500	161.00	602-6363-1000	280.50
6364	4	24	7 x 32	.28	602-6364-100	64.18	602-6364-500	262.50	602-6364-1000	331.50

Foil Shielded, Low Cap, UL Type CM, UL AWM 2919, CSA PCC FT1, 300 Volt

- Jacket: gray PVC
- Insulation: color-coded polyethylene
- Shield: aluminum/polyester tape
- Conductor: stranded tinned copper

					100' Spools		500' Spools		1000' Spools	
6301	6	24	7 x 32	.342	602-6301-100	43.81	602-6301-500	201.25	602-6301-1000	387.60
6304	12 1/2	24	7 x 32	.445	602-6304-100	88.35	602-6304-500	378.00	602-6304-1000	674.90

Communication and Control Cable

MULTIPAIR, SHIELDED Individually Foil Shielded, UL Type CM, UL AWM 2493, CSA PCC FT4, 300V

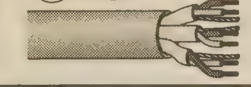
Applications: • Audio, pulse, or RF signal transmission • Computer or electronic peripheral interconnectors where high levels of noise are anticipated

Alpha Type	No. of Pairs	Conductor		O.D. (In.)	100' Spools		500' Spools		1000' Spools	
		AWG	Strand		MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
6010C	3	22	7 x 30	.31	602-6010C-100	40.64	602-6010C-500	150.85	602-6010C-1000	263.50
6012C	6	22	7 x 30	.39	602-6012C-100	69.79	602-6012C-500	265.42	602-6012C-1000	493.00

Individually Foil Shielded, UL Type CM, UL AWM 2717, CSA PCC FT4, 400 Volt

2466C	2	22	7 x 30	.16	602-2466C-100	23.81	602-2466C-500	71.82	602-2466C-1000	136.80

Specifications:
- Jacket: gray PVC
- Insul.: color-coded polypropylene (PP)
- Shield: aluminum/polyester tape
- Conductor: stranded tinned copper



BUILDING ZONE FIRE ALARM CABLE

Unshielded, Plenum Rated, UL Type FPLP, PVC Plenum

NEW!

• Fire alarm systems • In plenum and ducts without conduit • Industrial control systems • Power limited circuit cable

Alpha Type	Fig.	BELDEN TYPE	No. of Cond.	AWG Size	O.D. (In.)	1000' Box		1000' Spool	
						MOUSER STOCK NO.	Price Per 1000' Box	MOUSER STOCK NO.	Price Per 1000' Spool
8901P	A	6320UL	2	18	.14	602-8901P-1000BX	95.60	602-8901P-1000	95.20
8902P	A	6222UL	4	18	.16	602-8902P-1000BX	161.50	602-8902P-1000	161.50
8903P	A	6220UL	2	16	.16	-----	-----	602-8903P-1000	134.30
8904P	A	6222UL	4	16	.19	-----	-----	602-8904P-1000	221.00
8905P	A	6120UL	2	14	.19	-----	-----	602-8905P-1000	175.10
8906P	A	6122UL	4	14	.22	-----	-----	602-8906P-1000	295.80
8907P	A	6020UL	2	12	.22	-----	-----	602-8907P-1000	336.60

Foil Shielded, Plenum Rated, UL Type FPLP, PVC Plenum

• Jacket: red plenum-rated PVC

8908P	B	6320FL	2	18	.14	602-8908P-1000BX	115.60	602-8908P-1000	115.60
8909P	B		3	18	.15	-----	-----	602-8909P-1000	176.80
8910P	B	6322FL	4	18	.16	602-8910P-1000BX	176.80	602-8910P-1000	176.80
8911P	B	6220FL	2	16	.16	-----	-----	602-8911P-1000	156.40
8912P	B	6222FL	4	16	.19	-----	-----	602-8912P-1000	248.20
8913P	B	6120FL	2	14	.19	-----	-----	602-8913P-1000	195.50
8914P	B	6122FL	4	14	.22	-----	-----	602-8914P-1000	312.80

Unshielded, Riser Rated, UL Standard Type FPLR

• Fire alarm systems • Smoke detectors • Burglar alarms • Power limited circuit cable • Voice communications • Signaling

8901R	A	5320UL	2	18	.14	602-8901R-1000BX	61.20	602-8901R-1000	61.20
8902R	A	5322UL	4	18	.17	602-8902R-1000BX	103.70	602-8902R-1000	103.70
8903R	A	5220UL	2	16	.19	-----	-----	602-8903R-1000	81.60
8904R	A	5222UL	4	16	.22	-----	-----	602-8904R-1000	159.80
8905R	A	5120UL	2	14	.21	-----	-----	602-8905R-1000	129.20
8906R	A	5122UL	4	14	.25	-----	-----	602-8906R-1000	231.20
8907R	A	5020UL	2	12	.24	-----	-----	602-8907R-1000	180.20

Foil Shielded, Riser Rated, UL Standard Type FPLR

• Jacket: unshielded FPLR red PVC

8908R	B	5320FL	2	18	.17	602-8908R-1000BX	81.60	602-8908R-1000	81.60
8909R	B		3	18	.19	-----	-----	602-8909R-1000	127.50
8910R	B	5322FL	4	18	.20	602-8910R-1000BX	127.50	602-8910R-1000	127.50
8911R	B	5220FL	2	16	.19	-----	-----	602-8911R-1000	105.40
8912R	B	5222FL	4	16	.22	-----	-----	602-8912R-1000	175.10
8913R	B	5120FL	2	14	.23	-----	-----	602-8913R-1000	151.30
8914R	B	5122FL	4	14	.27	-----	-----	602-8914R-1000	270.30

Specifications FPLP:
- Jacket: red plenum-rated PVC
- Insulation: plenum-rated PVC
- Conductor: solid bare copper

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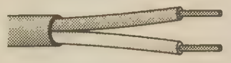

Specifications FPLR:
- Jacket: unshielded FPLR red PVC
- Insulation: PVC
- Conductor: solid bare copper

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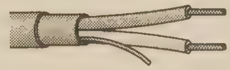


Specifications:
- Shield: aluminum polyester (100%)
- Conductor: solid bare copper

Applications:
- Fire alarm systems
- Smoke detectors
- Burglar alarms
- Power limited circuit cable
- Voice communications
- Signaling
- Indoor-nonconduit per NEC

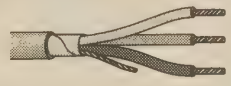
PLENUM RATED MULTICONDUCTOR, FOIL SHIELD

UL Standard 13, Type CL2P, CSA PCC FT6, NEC Article 725, 150V

Alpha Type	Conductor	Conductor		O.D. (In.)	500' Spools		1000' Spools	
		AWG	Strand		MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
58411	2 cond.	22	7 x 30	.122	602-58411-500	147.56	602-58411-1000	272.00
58113	3 cond.	22	7 x 30	.131	602-58113-500	164.17	602-58113-1000	246.50
58114	4 cond.	22	7 x 30	.140	602-58114-500	182.61	602-58114-1000	336.60
58116	6 cond.	22	7 x 30	.158	602-58116-500	249.01	602-58116-1000	459.00
58421	2 cond.	20	7 x 28	.138	602-58421-500	163.24	602-58421-1000	300.90
58124	4 cond.	20	7 x 28	.160	602-58124-500	245.32	602-58124-1000	452.20
58126	6 cond.	20	7 x 28	.181	602-58126-500	337.54	602-58126-1000	622.20
58431	2 cond.	18	7 x .0152	.158	-----	-----	602-58431-1000	368.90
58134	4 cond.	18	7 x .0152	.183	602-58134-500	317.26	602-58134-1000	584.80

PLENUM RATED MULTIPAIR, FOIL SHIELD UL Standard 13, Type CL2P, CSA PC FT6, NEC Article 725, 150V

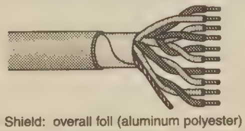
57602	2 pair	24	7 x 32	.157	602-57602-500	152.95	602-57602-1000	258.40
57603	3 pair	24	7 x 32	.167	602-57603-500	196.00	602-57603-1000	332.20
57604	4 pair	24	7 x 32	.182	602-57604-500	281.75	602-57604-1000	476.00
58412	2 pair	22	7 x 30	.177	602-58412-500	237.02	602-58412-1000	436.90
58413	3 pair	22	7 x 30	.174	602-58413-500	265.62	602-58413-1000	489.60
58414	4 pair	22	7 x 30	.196	602-58414-500	327.40	602-58414-1000	603.50
58415	5 pair	22	7 x 30	.215	-----	-----	602-58415-1000	696.30
58416	6 pair	22	7 x 30	.232	602-58416-500	481.41	602-58416-1000	887.40
57632	2 pair	20	7 x 28	.196	-----	-----	602-57632-1000	338.30
57634	4 pair	20	7 x 28	.230	602-57634-500	304.24	602-57634-1000	513.40



- Shield: overall foil (aluminum mylar)

Specifications:
- Jacket: gray plenum-rated PVC
- Insulation: color-coded plenumrated PVC
- Conductor: stranded bare copper

Applications:
- Remote control
- Intercom systems
- Burglar alarm systems
- Signaling and power-limited circuits
- Cash registers
- CRT-to-control interface
- Other low voltage systems



- Shield: overall foil (aluminum polyester)

TEST LEAD WIRE

Alpha Type	Conductor		Color	Working Voltage	O.D. (In.)	100' Spools		1000' Spools	
	AWG	Strand				MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1632	20	41 x 36	Red	1500	.125	602-1632-100-03	22.23	602-1632-1000-03	140.34
1632	20	41 x 36	Black	1500	.125	602-1632-100-02	22.23	602-1632-1000-02	140.34
1635	20	41 x 36	Red	3000	.140	602-1635-100-03	28.50	602-1635-1000-03	150.03
1635	20	41 x 36	Black	3000	.140	602-1635-100-02	28.50	602-1635-1000-02	150.03
1636	18	65 x 36	Red	5000	.140	602-1636-100-03	26.60	602-1636-1000-03	157.69
1636	18	65 x 36	Black	5000	.140	602-1636-100-02	26.60	602-1636-1000-02	157.69
1638	18	65 x 36	Red	10,000	.230	602-1638-100-03	36.10	602-1638-1000-03	243.10
1638	18	65 x 36	Black	10,000	.230	602-1638-100-02	36.10	602-1638-1000-02	243.10

Specifications:
- Rubber insulated
- Conductor: stranded tinned copper
- Operating temperature: -30°C to 90°C

Belden Video Cables

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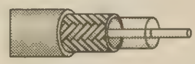

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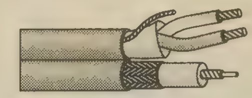

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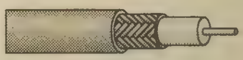

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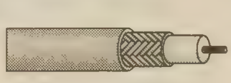

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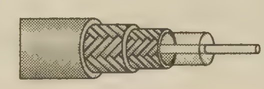

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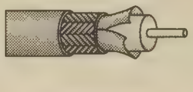

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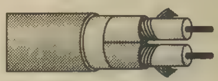

Brilliance® 50Ω TRANSMISSION CABLE

RG-58

- 95% shield coverage, tinned copper braid, black PVC jacket

					100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	AWG (Stranding)	Nominal O.D. (In.)	**MOUSER STOCK NO.**	Price Per 100' Spool	**MOUSER STOCK NO.**	Price Per 500' Spool	**MOUSER STOCK NO.**	Price Per 1000' Spool
8259	A	50Ω transmission cable, RG58 A/U	20 (19 x 33)	.193	566-8259-100	29.50	566-8259-500	104.43	566-8259-1000	182.90

RG-58, Non-Contaminating Jacket

- 95% shield coverage, tinned copper braid, black PVC jacket

Belden Type	Fig.	Description	AWG (Stranding)	Nominal O.D. (In.)	**MOUSER STOCK NO.**	Price Per 100' Spool	**MOUSER STOCK NO.**	Price Per 500' Spool	**MOUSER STOCK NO.**	Price Per 1000' Spool
8262	A	50Ω transmission cable, RG58 C/U	20 (19 x 33)	.195	566-8262-100	44.00	566-8262-500	155.76	566-8262-1000	272.80

Brilliance® AUDIO AND VIDEO COMPOSITE CAMERA CABLE

RG59, Twisted Pair, Shielded

- Nominal impedance 2 conductor: 35Ω
- Nominal impedance 1 coax: 75Ω
- Black PVC jacket
- Beldfoil shield (twisted pair)
- Bare copper shield (coaxial)

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	Coax O.D. (In.)	Nominal O.D. (In.)	**MOUSER STOCK NO.**	Price Per 100' Spool	**MOUSER STOCK NO.**	Price Per 500' Spool	**MOUSER STOCK NO.**	Price Per 1000' Spool
9265	B	Siamese RG-59/U +22 AWG (7 x 30)	CL2	.242	.242 x .445	566-9265-100	75.00	566-9265-500	225.00	566-9265-1000	420.00

STANDARD ANALOG VIDEO COAX AND CCTV WIRE

RG-59, Shielded

- Nominal impedance: 75Ω
- Black PVC jacket
- 95% shield coverage
- Bare copper braid

✻100% sweep tested, 5-450MHz

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	AWG (Stranding)	Nominal O.D. (In.)	Nominal Impedance (Ω)	**MOUSER STOCK NO.**	Price Per 100' Spool	**MOUSER STOCK NO.**	Price Per 500' Spool	**MOUSER STOCK NO.**	Price Per 1000' Spool
8241	A	CL2X	23 (solid)	.242	75	566-8241-100	26.50	566-8241-500	93.81	566-8241-1000	164.30
8241F	A	- - -	22 (7 x 30)	.242	75	566-8241F-100	39.00	566-8241F-500	138.06	566-8241F-1000	241.80
82241	C	CMP	23 (solid)	.193	75	566-82241-100	121.25	566-82241-500	412.25	- - - - - - - - - - - -	- - - - -
9259	D	CL2	22 (7 x 30)	.242	75	566-9259-100	35.75	566-9259-500	126.56	566-9259-1000	221.65
✻ 9274	C	CM	20 (solid)	.240	75	566-9274-100	42.50	566-9274-500	144.50	566-9274-1000	263.50
1426A	C	CM	20 (solid)	.242	75	566-1426A-100	27.50	566-1426A-500	93.50	566-1426A-1000	170.50

RG-6, 75Ω Impedance

- 100% Duofoil® (aluminum polyester foil) coverage +60% tinned copper braid
- 100% sweep tested, 5-450MHz
- Black PVC jacket

						100' Spools		500' Spools		1000' Spools	
9248	F	CL2	18 (solid)	.274	75	566-9248-100	37.50	566-9248-500	127.50	566-9248-1000	232.50

PRECISION VIDEO INTERCONNECTS

75Ω Impedance

- 98% shield coverage
- Tinned copper double braid

					Per Foot		100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	AWG (Stranding)	Nominal O.D. (In.)	**MOUSER STOCK NO.**	Price Per Foot	**MOUSER STOCK NO.**	Price Per 100' Spool	**MOUSER STOCK NO.**	Price Per 500' Spool	**MOUSER STOCK NO.**	Price Per 1000' Spool
8281	E	Blk polyethylene jacket	20 (Solid)	.305	566-8281-FT	1.10	566-8281-100	83.50	566-8281-500	250.50	566-8281-1000	494.32
8281F	E	Flexible version of 8281	22 (7 x 29)	.305	566-8281F-FT	1.35	566-8281F-100	102.50	- - - - - - - - - -	- - - - -	566-8281F-1000	606.80

- 100% shield coverage
- Gas injected foam polyethylene

					Per Foot		100' Spools		500' Spools		1000' Spools	
1505A	F	Blk polyethylene jacket	20 (Solid)	.235	- - - - - - - - - -	- - -	566-1505A-100	43.25	566-1505A-500	129.75	566-1505A-1000	256.04
1694A	F	Blk polyethylene jacket	18 (Solid)	.275	- - - - - - - - - -	- - -	566-1694A-100	53.25	566-1694A-500	168.00	566-1694A-1000	333.00

Brilliance® S-VHS PRECISION VIDEO CABLE

Shielded, SVHS Cable

- Round construction
- High flex design

						Per Foot		100' Spools	
Belden Type	Fig.	Description	Nominal Imp. (Ω)	AWG (Stranding)	Nominal O.D. (In.)	**MOUSER STOCK NO.**	Price Per Foot	**MOUSER STOCK NO.**	Price Per 100' Spool
1808A	G	Tinned copper, overall black matte PVC jacket, 90% shield coverage	75	30 (7 x 38)	.255	566-1808A-FT	1.86	566-1808A-100	141.00

Belden CATV / MATV Coaxial and Line Level Cables

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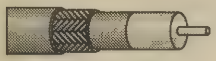

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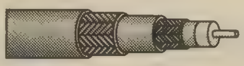

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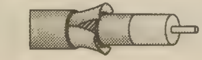

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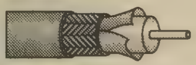

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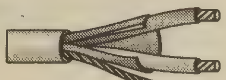

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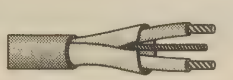

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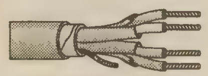

CABLE TELEVISION CABLE (CATV)

RG- 59

- AWG: 20 (solid)
- Black PVC jacket
- 9104: 100% Sweep Tested from 5MHz-1000MHz
- 1186A: 100% Sweep Tested from 5MHz-1GHz, SRL 20dB minimum

Belden Type	Fig.	Description	NEC Type	Nominal O.D. (In.)	100' Spools		500' Spools		1000' Spools	
					MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9104	A	Duobond II® +67% aluminum braid	CATV/CL2	.242	566-9104-100	15.50	566-9104-500	54.87	566-9104-1000	96.10

Quad Shielded Cable Television Cable (CATV)

Belden Type	Fig.	Description	NEC Type	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1186A	B	Duobond II® +65% alum. braid +Duodoil® tape +45% alum.	CATV	.265	566-1186A-100	24.50	566-1186A-500	86.73	566-1186A-1000	151.90

RG-6

- AWG: 18 (solid)
- Black PVC jacket
- 9116: 100% Sweep Tested from 5MHz-1000MHz
- 9118 and 1189A: 100% Sweep Tested from 5MHz-1GHz, SRL 20dB minimum

Belden Type	Fig.	Description	NEC Type	Nominal O.D. (In.)	100' Spools		500' Spools		1000' Spools	
					MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9116	A	Duobond II® +61% aluminum braid	CATV/CL2	.275	566-9116-100	18.00	566-9116-500	63.72	566-9116-1000	105.40
9118	C	Duobond III® +61% aluminum braid, + alum. polyester foil	CATV	.275	566-9118-100	22.00	566-9118-500	77.88	566-9118-1000	136.40

Quad Shielded Cable Television Cable (CATV)

Belden Type	Fig.	Description	NEC Type	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1189A	B	Duobond II® +60% alum. braid +Duofoil® tape +40% alum.	CATV/CL2	.295	566-1189A-100	25.25	566-1189A-500	89.39	566-1189A-1000	156.55

RG-11 Quad Shielded

- AWG: 18 (solid)
- Black PVC jacket
- 100% Sweep Tested from 5MHz-1GHz, SRL 20dB minimum

Belden Type	Fig.	Description	NEC Type	Nominal O.D. (In.)	100' Spools		500' Spools		1000' Spools	
					MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1617A	B	Duobond II® +60% alum. braid +Duofoil® tape +40% alum.	CATV	.413	566-1617A-100	69.75	566-1617A-500	246.92	566-1617A-1000	432.45

Duobond II® = Laminated shielding tape consisting of heat sensitive adhesive, aluminum foil, polyester, and aluminum foil.
Duobond III® = (Tri shield) Duobond II® design plus a surrounding layer of Duofoil®.
Duofoil® = Belden trademark for a shield in which metallic foil is applied to both sides of a supporting plastic film.

MASTER ANTENNA TELEVISION CABLE (MATV)

Duobond II® = Laminated shielding tape consisting of heat sensitive adhesive, aluminum foil, polyester, and aluminum foil.
Duobond III® = (Tri shield) Duobond II® design plus a surrounding layer of Duofoil®.
Duofoil® = Belden trademark for a shield in which metallic foil is applied to both sides of a supporting plastic film.

RG-59, Shielded

- Nominal impedance: 75Ω
- Black PVC jacket

Belden Type	Fig.	Description	NEC Type	Nominal O.D. (In.)	100' Spools		500' Spools		1000' Spools	
					MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9275	D	Duofoil® +40% aluminum braid, 100% shield	CATV	.237	566-9275-100	14.50	566-9275-500	42.05	566-9275-1000	81.20
9100	A	Duobond II® +40% aluminum braid, 100% shield	CATV	.237	566-9100-100	14.50	566-9100-500	42.05	566-9100-1000	81.20

RG-6

- Nominal impedance: 75Ω
- Nominal O.D.: .275"
- Black PVC jacket

Belden Type	Fig.	Description	NEC Type	100' Spools		500' Spools		1000' Spools	
				MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9114	A	Duobond II® +40% alum. braid, 100% shield sweep tested 5-1000MHz	CATV	566-9114-100	17.75	566-9114-500	51.48	566-9114-1000	99.40

RG-11

- Nominal impedance: 75Ω
- Black PVC jacket

Belden Type	Fig.	Description	Nominal O.D. (In.)	100' Spools		500' Spools		1000' Spools	
				MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9011	D	Duofoil® +40% alum. braid, 100% shield, sweep tested 5-1000MHz	.405	566-9011-100	31.25	566-9011-500	90.63	566-9011-1000	175.00

Brilliance® LINE LEVEL ANALOG AUDIO CABLES

Shielded, Twisted Pairs

- Tinned copper
- Beldfoil® Aluminum-polyester shield

Belden Type	Fig.	Description	NEC Type	No. of Pairs	AWG (Stranding)	Nominal O.D. (In.)	100' Spools		500' Spools		1000' Spools	
							MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8451	E	Black PVC jacket	CM	1	22 (7 x 30)	.138	566-8451-100	21.75	566-8451-500	77.00	566-8451-1000	134.85
9451	F	Bonded jacket and shield	CM	1	22 (7 x 30)	.135	566-9451-100	20.50	566-9451-500	72.57	566-9451-1000	127.10
82761	F	Natural Flammarest jacket	CMP	1	22 (7 x 30)	.118	566-82761-100	37.50	566-82761-500	132.75	566-82761-1000	232.50
8719	E	Chrome PVC jacket	CL2	1	16 (19 x 29)	.310	566-8719-100	44.25	566-8719-500	123.75	566-8719-1000	239.25
8720	E	Chrome PVC jacket	CL2	1	14 (19 x 27)	.355	566-8720-100	48.50	566-8720-500	145.50	566-8720-1000	281.30
82760	F	Natural Flammarest jacket	CMP	1	18 (19 x 30)	.157	566-82760-100	46.75	566-82760-500	140.25	566-82760-1000	271.15
82723	G	Natural Flammarest jacket	CMP	2	22 (7 x 30)	.150	566-82723-100	52.50	566-82723-500	157.50	566-82723-1000	304.50

Belden Wire and Cable

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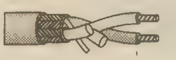

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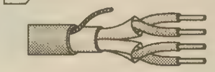

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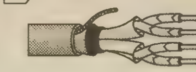

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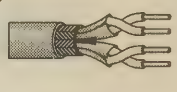

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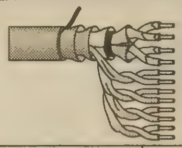

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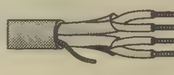

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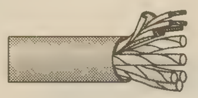

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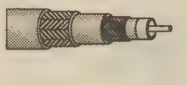

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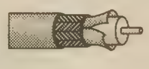

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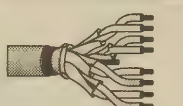

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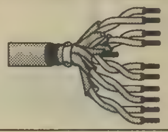

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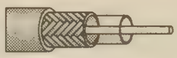

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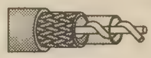

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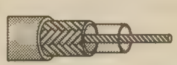

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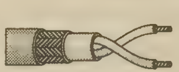

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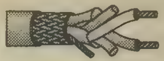

LOCAL AREA NETWORK CABLES

Apple Talk LAN Cables

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	AWG	Strand	Nom. O.D.	Nom. Imp.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9999	A	Twinaxial, UL 2092	CM	22	7 x 30	.180	78	90 Braid	566-9999-100	43.00	-----------	-----	566-9999-1000	266.60

Plenum (Non-Conduit Subject 13)

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	AWG	Strand	Nom. O.D.	Nom. Imp.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
89999	A	Twinaxial, plenum	CMP	22	7 x 30	.178	78	85 Braid	566-89999-100	134.25	-----------	-----	-----------	-----

IBM TYPE CABLES

IBM Type 1A, IEEE 802.5

- AWG: 22
- Strand: solid
- Nominal Impedance: 150Ω

								100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	IBM Part No.	NEC Type	No. of Pairs	Nom. O.D.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9688	B	Non-Plenum	4716748	CM	2	.295 x .430	100 / Foil, 65 Braid	566-9688-100	45.50	566-9688-500	154.70	566-9688-1000	282.10
82688	C	Plenum	4716749	CMP	2	.250 x .350	100 / Foil, 65 Braid	566-82688-100	147.50	566-82688-500	458.85	566-82688-1000	825.93

IBM Type 6A Office Cable, IEEE 802.5

- AWG: 26
- Strand: 7 x 34
- Nominal Impedance: 150Ω

								100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	IBM Part No.	NEC Type	No. of Pairs	Nom. O.D.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1215A	D	Non-Plenum	4716743	CL2	2	.360	100 / Foil, 65 Braid	566-1215A-100	47.50	-----------	-----	-----------	-----

COMPUTER CABLES, PAIRED, AND INDIVIDUALLY SHIELDED

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	NEC Type	No. of Pairs	AWG	Strand	Nom. O.D.	Nom. Imp. Ω	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8723	F	CM	2	22	7 x 30	.165	45	100 Foil	566-8723-100	24.75	566-8723-500	87.62	566-8723-1000	153.45
8777	G	CM	3	22	7 x 30	.273	50	100 Foil	566-8777-100	49.25	566-8777-500	174.35	566-8777-1000	305.35
8778	G	CM	6	22	7 x 30	.362	50	100 Foil	566-8778-100	61.92	566-8778-500	304.44	566-8778-1000	533.20

LAN TRUNK CABLE

IEEE 802.3 10 Base 5 LAN Trunk / Transceiver Coaxial Cables

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	AWG	Strand	Nom. O.D.	Nom. Imp.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9880	H	Ethernet, foil / braid shield	CL2	12	Solid	.405	50	93 / 95	566-9880-100	130.75	566-9880-500	431.48	-----------	-----

IEEE 802.3 10 Base 2 LAN Trunk Cable

9907	I	Ethernet, foil / braid shield	CL2	20	19 x 32	.182	50	93	566-9907-100	32.50	566-9907-500	107.25	566-9907-1000	195.00
82907	I	Ethernet, plenum, Flammarest	CL2P	20	19 x 32	.160	50	93	566-82907-100	55.00	566-82907-500	181.50	566-82907-1000	330.00

LAN TRANSCEIVER CABLES

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	No. of Pairs	NEC Type	AWG	Strand	Nom. O.D.	Nom. Imp.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9901	J	UL2919	4	CL2	20	7 x 28	.415	78	Foil + 95 Braid	566-9901-100	182.50	566-9901-500	153.30	-----------	-----
9902	K	UL2919	5	CL2	20	7 x 28	.518	78	Foil + 94 Braid	566-9902-100	222.50	-----------	-----	-----------	-----

COMPUTER CABLES

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	AWG	Strand	Nom. O.D.	Nom. Imp.	% Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8240	L	50Ω Transmission cable, RG58 /U	20	Solid	.193	53.5	95	566-8240-100	28.25	566-8240-500	96.05	566-8240-1000	175.15
82240	L	RG 58/U type, plenum	20	Solid	.161	53.5	95	566-82240-100	96.00	566-82240-500	299.52	566-82240-1000	545.28
9269	M	RG 62A/U type	22	Solid	.242	93	95	566-9269-100	24.75	-----------	-----	566-9269-1000	124.96
82269	M	RG 62/U type, plenum	22	Solid	.204	93	95	566-82269-100	61.25	-----------	-----	-----------	-----
8216	N	RG 174/U type	26	7 x 34	.101	50	95	566-8216-100	35.75	566-8216-500	126.56	-----------	-----
9207	O	Twinaxial, foil / braid shield	20	7 x 28	.330	100	86	566-9207-100	54.25	566-9207-500	169.26	566-9207-1000	308.14
9463	P	Twinaxial, foil / braid shield	20	7 x 28	.243	78	100	566-9463-100	44.50	566-9463-500	157.53	566-9463-1000	275.90

Belden Telephone and Data Cables

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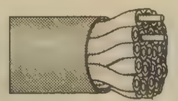

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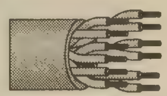

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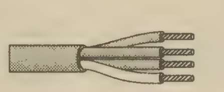

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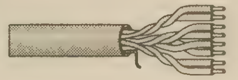

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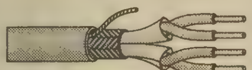

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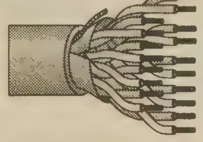

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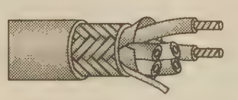

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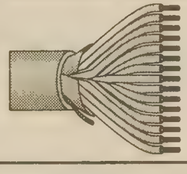

TELEPHONE OR DATA CABLES

Unshielded, Twisted Pairs

- AWG: 24 (solid)

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Pairs	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1227A	A	Category 3, S-R PVC insulated, gray PVC jacket	CMR	2	.120	566-1227A-100	8.25	566-1227A-500	26.40	566-1227A-1000	51.15
9562	B	Category 1, PVC insulated, gray PVC jacket	CM	2	.199	566-9562-100	22.00	566-9562-500	71.20	- - - - - - - - - - -	- - - - -
9566	B	Category 1, PVC insulated, gray PVC jacket	MP/CM	6	.289	566-9566-100	55.75	566-9566-500	197.36	566-9566-1000	345.65
9585	B	Category 1, PVC insulated, gray PVC jacket	MP/CM	25	1.02	566-9585-100	191.75	566-9585-500	613.60	566-9585-1000	1150.50

Unshielded, 4 Conductor

- AWG: 22 (solid)
- Bare copper

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Cond.	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1242A	C	Polyethylene insulated, light gray PVC jaacket	CMX	4	.140	566-1242A-100	11.25	566-1242A-500	36.00	566-1242A-1000	69.75

HIGH PERFORMANCE DATA CABLES

Unshielded, Twisted Pairs

- Nominal Impedance: 100Ω
- AWG: 24 (solid)

							100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	Jacket Color	NEC Type	No. of Pairs	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1588A	D	Category 5, polyolefin insul., PVC jacket	Blue	CM	2	.185	566-1588A-100	15.75	566-1588A-500	50.40	566-1588A-1000	88.20
1590A	D	Category 5, FEP insul., plenum jacket	White	CMP	2	.170	566-1590A-100	37.25	566-1590A-500	119.20	566-1590A-1000	208.60
1583A	D	Category 5, polyolefin insul., PVC jacket	Lt. Gray	CM	4	.217	566-1583A-100	22.00	566-1583A-500	70.40	566-1583A-1000	123.20
1583B	D	Category 5, polyolefin insul., PVC jacket	Blue	CM	4	.217	566-1583B-100	22.00	566-1583B-500	70.40	566-1583B-1000	123.20
1585A	D	Category 5, FEP insul., plenum jacket	Natural	CMP	4	.200	566-1585A-100	49.00	566-1585A-500	156.80	566-1585A-1000	274.40
1585A1	D	Category 5, FEP insul., plenum jacket	Blue	CMP	4	.200	566-1585A1-100	49.00	566-1585A1-500	156.80	566-1585A1-1000	274.40
1585B	D	Category 5, FEP insul., plenum jacket	Pink	CMP	4	.200	566-1585B-100	65.00	566-1585B-500	208.00	566-1585B-1000	364.00

Shielded, Twisted Pairs, IBM Cabling System, IEEE 802.5, ISO/IEC 8802.5

- AWG: 22 (solid)
- Nominal Impedance: 50Ω
- Duobond II® (aluminum laminate)

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	IBM Type	No. of Pairs	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
1634A	E	Beldfoil ea. pair 100% w/tinned copper braid 65%	1	2	.295	566-1634A-100	42.00	566-1634A-500	134.40	566-1634A-1000	235.20

Shielded, Twisted Pairs, For EIA RS-232 Applications

- AWG (stranding): 24 (7 x 32)
- Aluminum-polyester shield

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Pairs	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9501	F	S-R PVC insulated, chrome PVC jacket	CM	1	.156	566-9501-100	11.52	566-9501-500	56.88	566-9501-1000	102.96
9503	F	S-R PVC insulated, chrome PVC jacket	CM	3	.232	566-9503-100	20.32	566-9503-500	100.33	566-9503-1000	181.61

Shielded, Twisted Pairs, For EIA RS-485 Applications

- AWG (stranding): 24 (7 x 32)
- Aluminum-polyester shield
- Nominal impedance: 120Ω

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Pairs	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9841	G	Polyethylene insulated, chrome PVC jacket	CM	1	.228	566-9841-100	42.34	566-9841-500	211.70	566-9841-1000	408.80
9842	G	Polyethylene insulated, chrome PVC jacket	CM	2	.336	566-9842-100	68.00	566-9842-500	240.72	566-9842-1000	421.60

Shielded, Multi-Conductor Cable For EIA RS-232 Applications

- AWG (stranding): 24 (7 x 32)
- Aluminum-polyester shield

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Cond.	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9534	H	S-R PVC insulated, chrome PVC jacket	CM	4	.184	566-9534-100	17.00	566-9534-500	82.50	566-9534-1000	155.00
9539	H	S-R PVC insulated, chrome PVC jacket	CM	9	.244	566-9539-100	49.00	566-9539-500	173.46	566-9539-1000	303.80

Belden Sound and Multi-Purpose Control Cable

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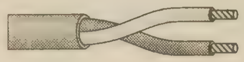

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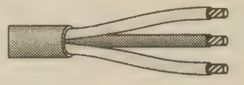
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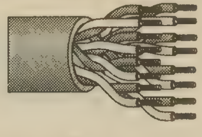

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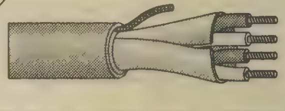

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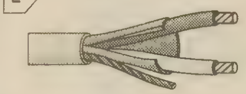

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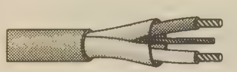

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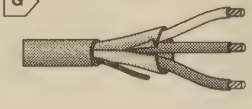

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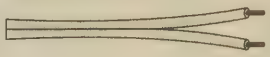

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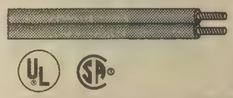


CONTROL CABLES

Unshielded, Solid Conductors

- AWG: 22 (solid)
- Rose gray PVC jacket

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Conductors	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8795	A	Bare copper, polyethylene insulated	CM	2	.168	566-8795-100	21.25	566-8795-500	72.25	566-8795-1000	131.75
9794	B	Bare copper, polyethylene insulated	MP/CM	4	.200	566-9794-100	27.50	566-9794-500	93.50	566-9794-1000	170.50

Unshielded, Solid Conductors, Twisted Pairs

- AWG: 22 (solid)
- Chrome PVC jacket

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Pairs	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8741	C	Tinned copper, PVC insulated	MP/CM	2	.230	566-8741-100	30.75	566-8741-500	104.55	566-8741-1000	190.65
8757	C	Tinned copper, PVC insulated	MP/CM	4	.264	566-8757-100	63.50	566-8757-500	215.90	566-8757-1000	393.70

SOUND, BROADCAST, AUDIO, INSTRUMENTATION, AND CONTROL CABLE

Brilliance® High Conductive Cable, Unshielded, Twisted Pairs

- Tinned copper
- PVC insulated

							100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Pairs	AWG (Strand)	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8461	A	Chrome PVC jacket, black, white	MP/CM	1	18 (7 x 26)	.234	566-8461-100	16.64	566-8461-500	78.00	566-8461-1000	150.80

Unshielded, Stranded Conductors, Twisted Pairs

- Conductors cabled
- PVC insulated

							100' Spools		500' Spools		1000' Spools	
8442	A	Tinned copper, chrome PVC jacket	CM	1	22 (7 x 30)	.170	566-8442-100	15.25	566-8442-500	53.99	566-8442-1000	94.55

Unshielded, Stranded, Multi-Conductor Cable

								100' Spools	
Belden Type	Fig.	Cable Type	NEC Type	No. of Conductors	AWG	Strand	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool
8443	B	UL 2576	CM	3	22	7 x 30	.172	566-8443-100	17.75
8444	B	UL 2576	CM	4	22	7 x 30	.185	566-8444-100	16.64

Shielded, Stranded Conductors

- Overall Beldfoil shield (aluminum -polyester shield)

							100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	NEC Type	No. of Cond.	AWG (Strand)	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9418	D	S-R PVC insulated	CM	4	18 (19 x 30)	.245	566-9418-100	44.50	566-9418-500	157.53	566-9418-1000	275.90

Shielded, Stranded Conductors, Twisted Pairs

- Overall Beldfoil shield
- Chrome PVC jacket
- S-R PVC insulated
- NEC Type: CM

						100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Description	No. of Pairs	AWG (Strand)	Nominal O.D. (In.)	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
9501	E	Tinned copper, alum.-polyester shield	1	24 (7 x 32)	.156	566-9501-100	11.52	566-9501-500	56.88	566-9501-1000	102.96
9462	E	Tinned copper, alum.-polyester shield	1	22 (7 x 30)	.180	566-9462-100	22.38	566-9462-500	99.83	566-9462-1000	187.55

Paired Cable

									100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	NEC Type	No. of Cond.	AWG	Strand	Nom. O.D.	% Type Shield	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8761	E	UL2092, non-plenum	CM	2	22	7 x 30	.175	100 Foil	566-8761-100	22.00	566-8761-500	77.88	566-8761-1000	136.40
8760	E	UL2092, non-plenum	CM	2	18	16 x 30	.222	100 Foil	566-8760-100	28.00	566-8760-500	106.20	566-8760-1000	173.60
82760	F	Plenum	CMP	2	18	19 x 30	.157	100 Foil	566-82760-100	48.50	566-82760-500	140.25	566-82760-1000	271.15

Multi-Conductor Cable

									100' Spools		500' Spools		1000' Spools	
8771	G	UL2093	CM	3	22	7 x 30	.199	100 Foil	566-8771-100	23.80	566-8771-500	84.25	566-8771-1000	147.56
8770	G	UL2093	CM	3	18	16 x 30	.246	100 Foil	566-8770-100	43.25	566-8770-500	153.11	566-8770-1000	268.15

Two Conductor Speaker Wire

								100' Spools		500' Spools		1000' Spools	
Belden Type	Fig.	Cable Type	No. of Cond.	AWG	Strand	Nom. O.D.	Color	MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
8782	H	Parallel	2	24	7 x 32	.058 x .115	Clear	566-8782-100	14.00	566-8782-500	42.00	566-8782-1000	78.40
9708	H	Parallel	2	18	16 x 30	.110 x .207	Clear	566-9708-100	29.50	566-9708-500	104.43	566-9708-1000	182.90
9717	H	Parallel	2	14	19 x 27	.146 x .282	Clear	566-9717-100	53.00	566-9717-500	159.00	566-9717-1000	296.80
9718	H	Parallel NEC type CL3	2	12	65 x 30	.185 x .370	Clear	566-9718-100	92.75	566-9718-500	278.25	566-9718-1000	519.40

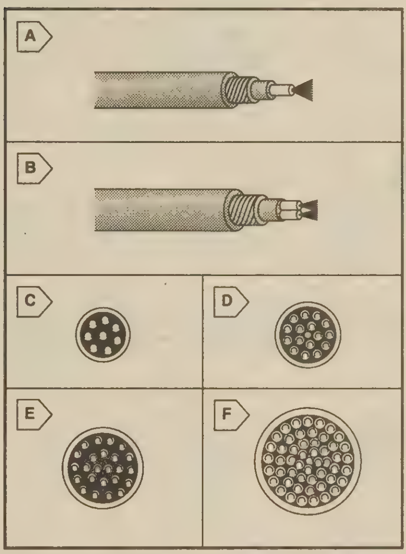
Two Conductor Power Cord

8888	I	Parallel	2	18	14 x 34	.110 x .207	Brown	566-8888-100-08	30.00	566-8888-500-08	90.00	566-8888-1000-08	168.00

GOTHAM PROFESSIONAL AUDIO CABLES

- Ultraflexible PVC Jacket
- Single spiral shield
- Low capacitance PE or PVC insulation
- Excellent electrical characteristics

The DGS Series is an economical alternative to the GAC Series. It is a Gotham cable product, however, it does not offer the second shield that makes up the double reussen shield in the premium Gotham GAC cable. The DGS Series is a very professional product at a more affordable price. It is an ideal choice for those applications that do not require the protection provided by the second shield.



Interconnect Cable

Ideally suited to live applications such as guitar cords. It is equally suited for static applications such as phono interconnect leads.

Gotham Type	Conductor x AWG	Stranding	Jacket O.D. (In.)	Jacket Color	MOUSER STOCK NO.	Fig.	Price Per Meter			MOUSER STOCK NO.	Spool Size (Meter)	Price Per Spool
							1	15	30			
DGS-1	1 x 24	7 x 32	.236	Black	178-1803M	A	1.14	.95	.87	178-1803	100	76.78

Microphone Cable

A professional microphone cable suitable for all balanced line audio applications.

DGS-2	2 x 24	28 x 38	.236	Yellow	178-1822M	B	1.21	1.00	.91	178-1822	100	81.06

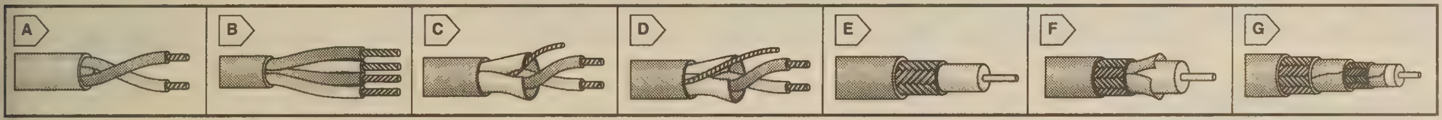
MULTIPAIR AUDIO CABLE

- Ultraflexible PVC jacket
- Low capacitance PE insulation
- Single braid shield

Specifications:

- Conductor resistance: < 105Ω/KM
- Shield resistance: < 220Ω/KM
- Capacitance cond. to cond.: < 90nF/KM
- Capacitance cond. to shield: < 150nF/KM
- Impedance: 145Ω ±10%

Gotham Type	Conductor x AWG	Stranding	Jacket O.D. (In.)	Jacket Color	MOUSER STOCK NO.	Fig.	Price Per Meter		
							1	15	30
DGS-8 (8 PAIR)	8 x 2 x 24	25 x 38	.512	Black	178-3408M	C	8.48	7.06	6.42
DGS-16 (16 PAIR)	16 x 2 x 24	25 x 38	.709	Black	178-3416M	D	14.54	13.21	12.01
DGS-24 (24 PAIR)	24 x 2 x 24	25 x 38	.906	Black	178-3424M	E	21.52	19.57	17.79
DGS-48 (48 PAIR)	48 x 2 x 24	25 x 38	1.18	Black	178-3448M	F	43.04	39.13	35.57



WEST PENN WIRE/CDT SOUND, AUDIO, BROADCAST, AND CONTROL CABLE

CABLE DESIGN TECHNOLOGIES

Unshielded Sound and Speaker Cable

- Bare copper

West Penn Type	Fig.	NEC Type	Cable Type	Jacket Color	Insulation	No. of Cond.	AWG	Strand	Nom. O.D. (In.)	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
224	A	CMR	Non-plenum	Gray	PVC	2	18	7 x 26	.165	522-224-100	14.82	522-224-500	54.30	522-224-1000	98.70
25224B	A	CMP	Plenum	Ivory	Halar®	2	18	7 x 26	.138	522-25224B-100	28.77	522-25224B-500	105.29	522-25224B-1000	191.82
225	A	CMR	Non-plenum	Gray	PVC	2	16	19 x 29	.199	522-225-100	29.76	522-225-500	109.14	522-225-1000	198.44
25225B	A	CMP	Plenum	Ivory	Halar®	2	16	19 x 29	.159	522-25225B-100	41.52	522-25225B-500	152.28	522-25225B-1000	276.86
226	A	CL3	Non-plenum	Gray	PVC	2	14	19 x 27	.244	522-226-100	43.62	522-226-500	159.90	522-226-1000	290.70
25226B	A	CL2P	Plenum	Ivory	Halar®	2	14	19 x 27	.190	522-25226B-100	60.09	522-25226B-500	220.37	522-25226B-1000	400.68
227	A	CL3	Non-plenum	Gray	PVC	2	12	19 x 25	.279	522-227-100	59.16	522-227-500	216.92	522-227-1000	394.40
244	B	CM	Non-plenum	Gray	PVC	4	18	7 x 26	.201	522-244-100	38.10	522-244-500	140.25	522-244-1000	255.00
245	B	CM	Non-plenum	Gray	PVC	4	16	19 x 29	.232	522-245-100	57.90	522-245-500	212.26	522-245-1000	385.90
246	B	CL3	Non-plenum	Gray	PVC	4	14	19 x 27	.302	522-246-100	80.34	522-246-500	294.54	522-246-1000	535.50

Shielded Twisted Pair Cable

Non-Plenum: • Tinned copper • Alum. polyester shield **Plenum:** • Bare copper • Alum. polyester shield

West Penn Type	Fig.	NEC Type	Cable Type	Jacket Color	Insulation	No. of Cond.	AWG	Strand	Nom. O.D. (In.)	100' Spools		500' Spools		1000' Spools	
291	C	CMR	Non-plenum	Gray	PVC	2	22	7 x 30	.141	522-291-100	18.57	522-291-500	68.04	522-291-1000	123.70
25291B	C	CMP	Plenum	Ivory	Halar®	2	22	7 x 30	.128	522-25291B-100	21.84	522-25291B-500	80.04	522-25291B-1000	145.52
292	C	CMR	Non-plenum	Gray	PVC	2	20	7 x 28	.152	522-292-100	19.50	522-292-500	71.54	522-292-1000	130.08
25292B	C	CMP	Plenum	Ivory	Halar®	2	20	7 x 28	.143	522-25292-B-100	27.51	522-25292B-500	100.83	522-25292B-1000	183.32
293	C	CMR	Non-plenum	Gray	PVC	2	18	7 x 26	.169	522-293-100	24.48	522-293-500	89.74	522-293-1000	163.16
25293B	C	CMP	Plenum	Ivory	Halar®	2	18	7 x 26	.158	522-25293B-100	34.29	522-25293B-500	125.77	522-25293B-1000	228.68

Shielded Miniature Audio Cable

- Tinned copper
- Aluminum polyester shield

West Penn Type	Fig.	NEC Type	Cable Type	Jacket Color	Insulation	No. of Cond.	AWG	Strand	Nom. O.D. (In.)	100' Spools		500' Spools		1000' Spools	
452	D	CM	Non-plenum	Black	Polypropylene	2	22	7 x 30	.135	522-452-100	18.06	522-452-500	60.20	522-452-1000	120.40

WEST PENN WIRE/CDT COAXIAL CABLES

CABLE DESIGN TECHNOLOGIES

CCTV Closed Circuit TV Cable

- Black PVC jacket
- Bare copper braid 95%

West Penn Type	Fig.	NEC Type	RG Type	Cable Type	AWG	Strand	Nom. O.D. (In.)	Nom. Imp.	100' Spools MOUSER STOCK NO.	Price Per 100' Spool	500' Spools MOUSER STOCK NO.	Price Per 500' Spool	1000' Spools MOUSER STOCK NO.	Price Per 1000' Spool
815	E	CL2	RG59/U	Non-plenum	20	Solid	.232	75	522-815-100	23.82	522-815-500	87.36	522-815-1000	158.00
806	E	CL2	RG 6/U	Non-plenum	18	Solid	.270	75	522-806-100	39.54	522-806-500	144.94	522-806-1000	263.50

CATV/MATV Master Antenna TV Cable

- Black PVC jacket
- BiFoil 100% plus aluminum braid 65%

West Penn Type	Fig.	NEC Type	RG Type	Cable Type	AWG	Strand	Nom. O.D. (In.)	Nom. Imp.	100' Spools		500' Spools		1000' Spools	
843	F	CATV	RG59/U	Non-plenum	20	Solid	.232	- - -	522-843-100	20.13	522-843-500	73.81	522-843-1000	134.20
841	F	CATV	RG 6/U	Non-plenum	18	Solid	.254	- - -	522-841-100	20.25	522-841-500	75.00	522-841-1000	135.00

CATV/MATV Master Antenna TV Cable with Quad Shield

- Black PVC jacket
- BiFoil 100% plus aluminum braid 65%, BiFoil 100% plus aluminum braid 55%

West Penn Type	Fig.	NEC Type	RG Type	Cable Type	AWG	Strand	Nom. O.D. (In.)	Nom. Imp.	100' Spools		500' Spools		1000' Spools	
Q843	G	CATV	RG59/U	Non-plenum	20	Solid	.232	- - -	522-Q843-100	26.79	522-Q843-500	98.19	522-Q843-1000	178.50
Q841	G	CATV	RG 6/U	Non-plenum	18	Solid	.254	- - -	522-Q841-100	32.40	522-Q841-500	118.76	522-Q841-1000	215.90

Gotham Professional Audio Cables

ANALOG CABLES

- .Ultraflexible PVC Jacket
- Double Reussen shield
- Low capacitance PE or PVC insulation
- Excellent electrical characteristics

Interconnect Cable

Gotham GAC-1 unbalanced cable is ideally suited to live applications such as guitar cords; it is equally suited for static applications such as phono interconnect leads.

Gotham Type	Conductor x AWG	Stranding	Jacket O.D. (In.)	Jacket Color	**MOUSER STOCK NO.**	Fig.	Price Per Meter			**MOUSER STOCK NO.**	Spool Size (Meter)	**Price Per Spool**
							1	15	30			
GAC-1	1 x 24	48 x 41	.209	Red	178-1700M	A	1.42	1.18	1.07	178-1700	100	97.44
				Blue	178-1702M	A	1.42	1.18	1.07	178-1702	100	97.44
				Black	178-1703M	A	1.42	1.18	1.07	178-1703	100	97.44
				Yellow	178-1707M	A	1.42	1.18	1.07	178-1707	100	97.44

Microphone Cable

Gotham professional microphone cables feature our double Reussen shield and are suitable for all balanced audio applications.

*Polyurethane jacket

GAC-2	2 x 24	48 x 41	.213	Gray	178-1716M	B	1.58	1.32	1.20	178-1716	100	106.30
				Black		B				178-1720	300	301.16
				Black		B				178-1721	1000	1011.27
				Yellow	178-1722M	B	1.58	1.32	1.20	178-1722	100	106.30
* GAC-2V1	2 x 24	48 x 41	.215	Black	178-1771M	B	1.62	1.35	1.27	------	---	----
GAC-2 PUR	2 x 24	48 x 41	.213	Blue	178-1724M	C	2.74	2.29	2.08	178-1724	300	568.39
GAC-3	3 x 24	96 x 44	.197	Red	178-1734M	D	1.93	1.61	1.46			
				Red		D				178-1735	300	390.10
				Blue	178-1736M	D	1.93	1.61	1.46	178-1736	100	129.91
				Blue		D				178-1737	300	390.10
GAC-3	3 x 24	96 x 44	.228	Black	178-1739M	D	1.93	1.61	1.46	178-1739	100	129.91
GAC-7	2 x 20 5 x 26	252 x 44AWG 72 x 44AWG	.244	Gray	178-1746M	E	4.27	3.56	3.23	178-1746	200	575.76

Installation Cable

Professional double shielded audio cable optimized for installation purposes and interconnections in racks. Low capacitance and small diameter.

GAC-2 / 1	2 x 24	25 x 38	.13	Gray	178-1711M	F	1.08	.90	.82	178-1711	300	222.92
GAC-4 / 1 MINI	4 x 26	18 x 38	.134	Gray	178-1740M	G	1.56	1.30	1.18	------	---	----

Internal Installation Cable

Small size foil shielded cable using solid wires. Designed for wiring balanced audio signals in a metal environment. Aluminum foil is melted with the PVC-jacket and will come off automatically.

GAC-2 / MINI	2 x 27	Solid	.087	Red	178-1704M	H	.47	.40	.36	178-1704	500	159.43
				Gray	178-1705M	H	.47	.40	.36	178-1705	500	159.43
				Gray		H				178-1706	1000	310.02

SPEAKER CABLES

- Polyurethane jacket

GAC-SPK4	2 x 12	50 x 30	2 x .272	Blue	178-1780M	I	7.07	5.90	5.36	178-1780	100	487.18

MULTIPAIR AUDIO CABLES

Specifications:

- Conductor resistance: ≤105Ω/KM
- Shield resistance: ≤22Ω/KM
- Capacitance cond. to cond.: ≤90nF/KM
- Capacitance cond. to shield: ≤150nF/KM
- Impedance: 145Ω @ 20kHz

Features:

- Ultraflexible PVC jacket
- Low capacitance PE insulation
- Double reussen shield

Lengths Greater Than 30 Meters: Call For Quote

Gotham Type	Conductor x AWG	Stranding	Jacket O.D. (In.)	Jacket Color	**MOUSER STOCK NO.**	Fig.	Price Per Meter		
							1	15	30
GAC-2 (2 PAIR) ROUND	2 x 2 x 29	16 x 41	.295	Gray	178-1747M	J	4.27	3.56	3.23
GAC-2 (2 PAIR) FLAT	2 x 2 x 24	25 x 38	.335 x .169	Gray	178-1748M	K	2.47	2.06	1.87
GAC-4 (4 PAIR)	4 x 2 x 24	25 x 38	.449	Gray	178-1751M	L	6.43	5.36	4.87
GAC-8 (8 PAIR)	8 x 2 x 24	25 x 38	.551	Gray	178-1754M	M	11.25	9.38	8.52
GAC-10 (10 PAIR)	10 x 2 x 24	25 x 38	.669	Gray	178-1757M	N	12.66	11.51	10.46
GAC-12 (12 PAIR)	12 x 2 x 24	25 x 38	.709	Gray	178-1760M	O	14.65	13.32	12.10
GAC-24 (24 PAIR)	24 x 2 x 24	25 x 38	.95	Gray	178-1769M	P	25.66	20.85	19.24
GAC-34 (34 PAIR)	34 x 2 x 24	25 x 38	1.12	Gray	178-1770M	Q	39.21	35.65	32.41

DIGITAL CABLES (AES-EBU)

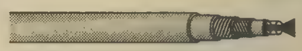
Per Meter

GAC-2AES	2 x 22	7 x 30	.213	Purple	178-1727M	R	2.42	2.01	1.83
GAC-2/1AES	2 x 24	7 x 32	.153	Black	178-1772M	R	1.62	1.35	1.27
GAC-4PR.AES(4 PAIR)	4 x 2 x 24	7 x 32	.503	Purple	178-1650M	L	6.32	5.27	4.79
GAC-8PR.AES(8 PAIR)	8 x 2 x 24	7 x 32	.629	Gray	178-1782M	M	14.14	12.86	11.69
GAC-10PR.AES(10 PAIR)	10 x 2 x 24	7 x 32	.669	Gray	178-1778M	N	15.99	14.53	13.21
GAC-12PR.AES(12 PAIR)	12 x 2 x 24	7 x 32	.708	Gray	178-1779M	O	21.66	19.69	17.90

Per Spool

Gotham Type	Conductor x AWG	Stranding	Jacket O.D. (In.)	Jacket Color	**MOUSER STOCK NO.**	Fig.	Spool Size (Meter)	**Price Per Spool**
GAC-2/1AES	2 x 24	7 x 32	.153	Black	178-1772	R	500	564.69

A



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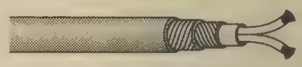
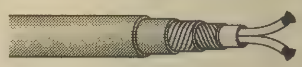


*GAC-2V1 has conductive separation tube

C



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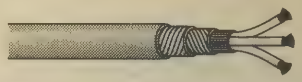

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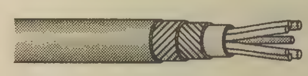

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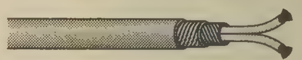

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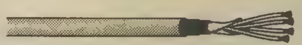

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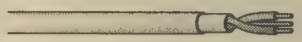

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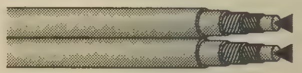
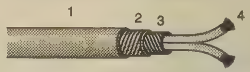


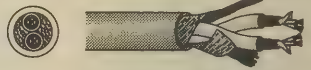
Construction of one pair:



1 = jacket (.13")
2 = shield 1
3 = shield 2
4 = conductor (24 AWG)

- Refer to "GAC-2/1" for detailed specifications

J



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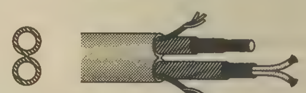

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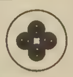

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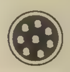

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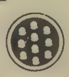

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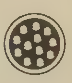

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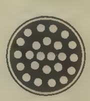

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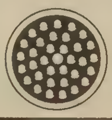

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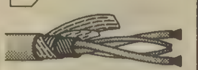


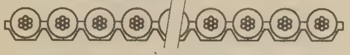
IDC Flat Cable

3M SCOTCHFLEX™ IDC FLAT CABLE AND ROUND CABLE

Specifications:

- Insulation: polyvinylchloride (PVC)
- Conductors: 28AWG 7 x 36 tinned stranded copper
- Center spacing: .050"
- Flammability rating: UL VW1

Gray Flat Cable (For Economy)

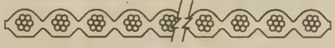


- Voltage rating: 300V
- Splice free
- Temperature rating: -20°C +105°C

By the Foot / **By the 100 ft. Reel**

MOUSER STOCK NO.	No. of Cond.	Price Per Foot			MOUSER STOCK NO.	Price Per 100' Spool
		1	10	25		
517-3365/9FT	9	.18	.17	.15	517-3365/9	12.59
517-3365/10FT	10	.19	.18	.16	517-3365/10	13.95
517-3365/14FT	14	.28	.25	.23	517-3365/14	19.55
517-3365/15FT	15	.29	.27	.24	517-3365/15	19.37
517-3365/16FT	16	.32	.28	.26	517-3365/16	20.64
517-3365/20FT	20	.37	.34	.30	517-3365/20	21.61
517-3365/25FT	25	.49	.44	.41	517-3365/25	32.45
517-3365/26FT	26	.47	.43	.39	517-3365/26	30.91
517-3365/34FT	34	.61	.56	.50	517-3365/34	38.39
517-3365/40FT	40	.71	.65	.59	517-3365/40	47.55
517-3365/50FT	50	.89	.81	.74	517-3365/50	59.45
517-3365/60FT	60	1.08	.99	.89	517-3365/60	71.34

Color Coded Flat Cable (For Easier Wire Indentification)



- Voltage rating: 300V
- Temperature rating: -20°C +80°C

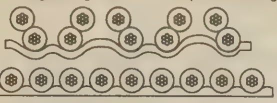
By the Foot / **By the 100 ft. Reel**

517-3302/9FT	9	.43	.39	.35	517-3302/9	29.36
517-3302/10FT	10	.48	.44	.40	517-3302/10	32.64
517-3302/14FT	14	.60	.54	.50	517-3302/14	40.72
517-3302/16FT	16	.64	.58	.53	517-3302/16	43.52
517-3302/20FT	20	.72	.65	.59	517-3302/20	49.14
517-3302/25FT	25	.91	.82	.75	517-3302/25	61.40
517-3302/26FT	26	.96	.87	.75	517-3302/26	65.06
517-3302/34FT	34	1.29	1.17	1.07	517-3302/34	87.76
517-3302/37FT	37	1.34	1.22	1.11	517-3302/37	91.96
517-3302/40FT	40	1.41	1.28	1.17	517-3302/40	96.18
517-3302/50FT	50	1.58	1.44	1.31	517-3302/50	108.10
517-3302/60FT	60	2.08	1.89	1.72	517-3302/60	124.26

Twisted Pair Flat Cable (For Reduced Crosstalk)

- Voltage rating: 300V
- Temperature rating: -20°C +80°C

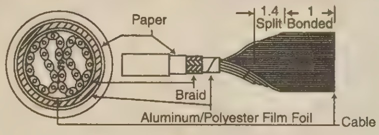
E42769



By the Foot / **By the 100 ft. Reel**

MOUSER STOCK NO.	No. of Cond.	Price Per Foot			MOUSER STOCK NO.	Price Per 100' Spool
		1	10	25		
517-1700/10FT	10	.45	.41	.37	517-1700/10	31.36
517-1700/14FT	14	.59	.53	.48	- - - - - - - - - -	- - - -
517-1700/16FT	16	.68	.62	.56	517-1700/16	46.26
517-1700/20FT	20	.85	.77	.70	- - - - - - - - - -	- - - -
517-1700/26FT	26	1.09	.99	.90	517-1700/26	74.44
517-1700/34FT	34	1.42	1.29	1.18	517-1700/34	97.08
517-1700/36FT	36	1.37	1.25	1.13	- - - - - - - - - -	- - - -
517-1700/40FT	40	1.68	1.52	1.39	517-1700/40	114.44
517-1700/50FT	50	2.05	1.86	1.69	517-1700/50	140.00
517-1700/60FT	60	2.61	2.37	2.16	517-1700/60	177.96
517-1700/64FT	64	2.80	2.54	2.31	517-1700/64	190.96

Round Jacketed/Shielded Flat Cable (For EMI/ESD Protection)



- Splice free
- Voltage rating: 150V
- Temperature rating: -20°C +80°C

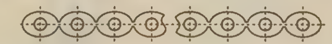
By the Foot / **By the 100 ft. Reel**

517-3659/9FT	9	1.51	1.37	1.25	517-3659/9	103.10
517-3659/10FT	10	1.49	1.35	1.23	517-3659/10	107.95
517-3659/15FT	15	1.78	1.62	1.47	517-3659/15	122.00
517-3659/20FT	20	1.92	1.75	1.59	517-3659/20	131.39
517-3659/25FT	25	2.13	1.93	1.76	517-3659/25	145.17
517-3659/26FT	26	2.20	2.00	1.82	517-3659/26	150.15
517-3659/34FT	34	2.31	2.10	1.91	517-3659/34	157.88
517-3659/37FT	37	2.61	2.37	2.16	517-3659/37	178.30
517-3659/40FT	40	2.68	2.44	2.21	- - - - - - - - - -	- - - -
517-3659/50FT	50	3.09	2.81	2.55	517-3659/50	211.14

tyco Electronics AMP .050" CENTERLINE GRAY FLAT IDC RIBBON CABLE

Specifications:

- 28AWG 7/36 stranded tinned copper
- Voltage rating: 300V
- Temperature rating: -20°C to 105°C
- Insulation: gray flame retardant flexible PVC
- Flammability rating: UL:VW1
- Red edged mark on conductor #1



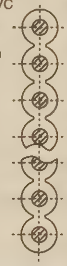
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cond.	Price Per Foot			MOUSER STOCK NO.	Price Per 100' Spool	MOUSER STOCK NO.	Price Per 500' Spool
		1	10	25				
- - - - - - - - - -	6	- - -	- - -	- - -	- - - - - - - - - -	- - -	571-19711119	36.86
- - - - - - - - - -	- - -	- - -	- - -	- - -	- - - - - - - - - -	- - -	571-29711110	37.95
571-1570402FT	9	.14	.13	.12	- - - - - - - - - -	- - -	- - - - - - - - - -	
571-1570405FT	15	.23	.21	.19	- - - - - - - - - -	- - -	- - - - - - - - - -	
571-2570403FT	18	.33	.30	.27	571-2570403	19.42	- - - - - - - - - -	
- - - - - - - - - -	- - -	- - -	- - -	- - -	- - - - - - - - - -	- - -	571-19711117	93.75
- - - - - - - - - -	28	- - -	- - -	- - -	- - - - - - - - - -	- - -	571-39711113	105.95
- - - - - - - - - -	- - -	- - -	- - -	- - -	- - - - - - - - - -	- - -	571-29711115	102.69
- - - - - - - - - -	- - -	- - -	- - -	- - -	- - - - - - - - - -	- - -	571-19711118	125.10
571-570405FT	40	.51	.46	.41	571-570405	30.61	- - - - - - - - - -	
571-2570404FT	44	.87	.78	.70	571-2570404	42.80	571-29711114	147.11
571-570407FT	60	.74	.67	.60	- - - - - - - - - -	- - -	- - - - - - - - - -	

tyco Electronics AMP GRAY FLAT IDC RIBBON CABLE

Specifications:

- Voltage rating: 150V
- Temperature rating: -20°C to 105°C
- Insulation: gray flame retardant flexible PVC
- Flammability rating: UL:VW1
- Red edged mark on conductor #1



1mm Center Line

28AWG 7/36 stranded tinned copper

MOUSER STOCK NO.	No. of Cond.	Price Per 100' Spool
571-2570518	44	49.42
571-2570519	50	56.15
571-3570512	68	87.03

.025" Center Line

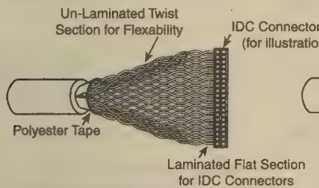
30AWG solid bare copper

MOUSER STOCK NO.	No. of Cond.	Price Per 100' Spool
571-1570134	24	14.54
571-4570139	34	27.37
571-1570137	40	21.90
571-2570133	80	40.72
571-2570134	100	50.90

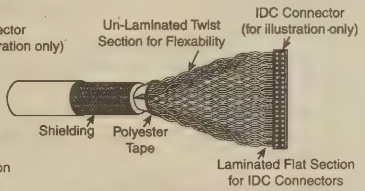
tyco Electronics AMP TWIST™ .050" CENTERLINE COLOR CODED, ROUND TO FLAT IDC RIBBON CABLE

Specifications:

- 28AWG 7/36 tinned copper
- Voltage rating: 300V
- Current rating: .5A
- Temperature rating: -20°C to 105°C
- Insulation: .010" nom. wall color coded PVC
- Flammability rating: UL:VW1
- Jacket: gray PVC
- 18" of twisted pairs (non-laminated): 2" of flat section (laminated)


Un-Laminated Twist Section for Flexability
IDC Connector (for illustration only)
Polyester Tape
Laminated Flat Section for IDC Connectors

Unshielded Round-To-Flat


Un-Laminated Twist Section for Flexability
IDC Connector (for illustration only)
Shielding
Polyester Tape
Laminated Flat Section for IDC Connectors

Shielded Round-To-Flat

Unshielded Round-To-Flat Twisted Pairs

Insulation: .010" nom. wall color coded PVC

MOUSER STOCK NO.	No. of Cond.	Price Per Foot			MOUSER STOCK NO.	Price Per 100' Spool
		1	10	25		
571-1576487FT	34	1.95	1.63	1.45	571-1576487	114.72
571-3576480FT	60	2.64	2.21	1.96	571-3576480	155.85
571-3576482FT	64	2.76	2.31	2.05	- - - - - - - - - -	

Shielded Round-To-Flat Twisted Pairs

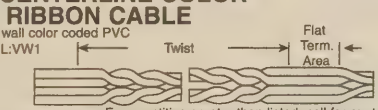
Shielding: aluminum / polyester plus 65% coverage tinned copper braid

571-2576470FT	40	3.63	3.27	3.03	- - - - - - - - - -	

tyco Electronics AMP TWIST™ .050" CENTERLINE COLOR CODED TWISTED PAIR, IDC RIBBON CABLE

Specifications:

- Insulation: .010" nom. wall color coded PVC
- Flammability rating: UL:VW1
- 28AWG 7/36 tinned copper
- Voltage rating: 300V
- Current rating: 1A
- Temperature rating: -20°C to 105°C



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cond.	Price Per Foot			MOUSER STOCK NO.	Price Per 100' Spool
		1	10	25		
571-576418FT	16	.59	.52	.49	571-576418	34.76
571-1576410FT	20	.66	.58	.54	571-1576413	50.54
571-1576418FT	36	1.19	1.05	.98	571-1576418	70.13
571-2576410FT	40	1.32	1.17	1.09	571-2576410	77.83
571-3576410FT	60	1.99	1.75	1.64	571-3576410	116.89
571-3576412FT	64	2.12	1.87	1.74	571-3576412	124.49

AMP CODE 10™ .050" CENTERLINE MULTI-COLORED IDC RIBBON CABLE

Specifications:

- Current rating: 1A
- Temperature rating: -20°C to 105°C
- Flammability rating: UL:VW1
- Color coded PVC
- 28AWG 7/36 stranded tinned copper
- Voltage rating: 300V

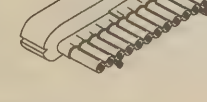
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cond.	Price Per Foot			MOUSER STOCK NO.	Price Per 100' Spool
		1	10	25		
571-1576436FT	16	.67	.59	.55	- - - - - - - - - -	
571-2576430FT	20	.70	.66	.62	- - - - - - - - - -	
571-2576435FT	25	.85	.75	.70	571-2576435	49.91
571-2576436FT	26	.88	.78	.73	571-2576436	51.80
571-3576434FT	34	1.34	1.18	1.11	- - - - - - - - - -	
571-3576436FT	36	1.37	1.21	1.13	571-3576436	80.87
571-3576437FT	37	1.41	1.24	1.16	571-3576437	82.76

tyco Electronics AMP SHIELDED/JACKETED .050" CENTERLINE IDC RIBBON CABLE

Specifications:

- 28AWG 7/36 stranded tinned copper
- Temperature rating: -20°C to 105°C
- Red edge mark on conductor #1
- Shielding: aluminum/polyester/aluminum
- Voltage rating: 300V
- Current rating: 1A
- Current rating: 1A
- Flammability rating: UL:VW1
- Jacket: black PVC



For quantities greater than listed, call for quote.

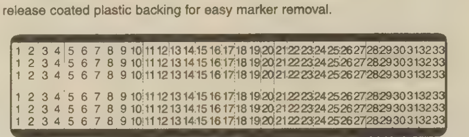
MOUSER STOCK NO.	No. of Cond.	Price Per 100' Spool
571-2576465	25	96.03
571-5576460	50	189.54
571-6576464	64	252.09

Wire Indentification Products, Heat Shrink Tubing, and Wiring Duct

PANDUIT® WIRE MARKER CARDS

All markers are mounted on a flexible release coated plastic backing for easy marker removal.

- 1-1/2" long for wire O.D. up to 3/8"
- One card for each number



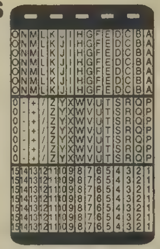
644-PCM-1-33 Shown

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Legend	Markers Per Card	Price Each			
			1	25	100	500
644-PCM-0	0	36	1.61	1.30	1.09	.96
644-PCM-1	1	36	1.61	1.30	1.09	.96
644-PCM-2	2	36	1.61	1.30	1.09	.96
644-PCM-3	3	36	1.61	1.30	1.09	.96
644-PCM-4	4	36	1.61	1.30	1.09	.96
644-PCM-5	5	36	1.61	1.30	1.09	.96
644-PCM-6	6	36	1.61	1.30	1.09	.96
644-PCM-7	7	36	1.61	1.30	1.09	.96
644-PCM-8	8	36	1.61	1.30	1.09	.96
644-PCM-9	9	36	1.61	1.30	1.09	.96
644-PCM-1-33	1 thru 33	33	1.61	1.30	1.09	.96
644-PCM-34-66	34 thru 66	33	1.61	1.30	1.09	.96
* 644-PCMCP-1-25	1 thru 25	36	38.31	34.40	30.50	28.57

* One card each number

PANDUIT® WIRE MARKER BOOKS



- Material: GMC1 - vinyl cloth
- 1-1/2" long for wire O.D. up to 3/8"
- Each marker is perforated to form half markers for wire O.D up to 3/16"
- .22 x .25 long terminal block marker is provided for each full length marker
- 10 pages per book

644-PCMB-2 Shown

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Legend	No. of Markers Each Legend	Price Each			
			1	10	50	100
644-PCMB-1	0 thru 9	45	16.36	14.69	13.03	11.40
644-PCMB-2	A-Z, 0-15, +, -, /	10	16.36	14.69	13.03	11.40
644-PCMB-3	1 thru 45	10	16.36	14.69	13.03	11.40
644-PCMB-4	1, 2, 3	150	16.36	14.69	13.03	11.40
644-PCMB-8	1 thru 15	6	16.36	14.69	13.03	11.40
	16 thru 90	4				
	A thru Z, +, -, /, 0	2				
644-PCMB-9	1, 2, 3, A, B, C	45	16.36	14.69	13.03	11.40
	L1, L2, L3, T1, T2, T3	30				

PANDUIT® HEAT SHRINKABLE TUBING

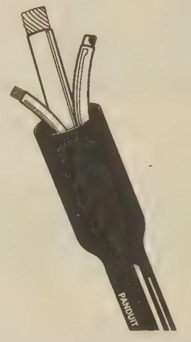
E122770 073665

- Flexible, highly flame retardant tubing
- Good resistance to most fuels and oils
- Good cut through and solder resistance
- Surface marked
- 2 to 1 Shrink Ratio
- Operaring temperature: -55°C to 135°C
- Meets MIL I23053/5 Class 1 or Class 2
- Color: Black

Flexible Polyolefin Thin Wall Heat Shrink Tubing

For quantities greater than listed, call for quote.

PRECUT 4' LENGTHS					
MOUSER STOCK NO.	Expanded I.D. (In.)	Price Per 4' Length			
		1	5	10	25
644-HSTT06-48-Q	1/16	.09	.082	.78	.70
644-HSTT09-48-Q	3/32	1.04	.95	.90	.81
644-HSTT12-48-Q	1/8	1.08	.99	.94	.85
644-HSTT19-48-Q	3/16	1.31	1.20	1.14	1.03
644-HSTT25-48-Q	1/4	1.66	1.51	1.44	1.30
644-HSTT38-48-Q	3/8	1.86	1.70	1.62	1.46
644-HSTT50-48-5	1/2	2.09	1.64	1.55	1.46
644-HSTT75-48-5	3/4	2.81	2.20	2.07	1.95
644-HSTT100-48-5	1	3.91	3.06	2.89	2.72



3M WIRE PULLING LUBRICANT COMMUNICATIONS

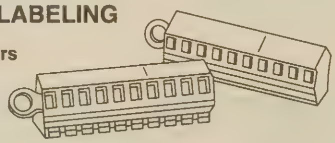
Slow drying, water based liquid lubricant formulated for lightweight cable pulling. Provides maximum tension reduction for long fiber optic pulls, multiple bend pulls, and pulls in hot environments.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	4
517-WLCQT	1 quart bottle	8.25	7.65
517-WLC1	1 gallon pail	16.80	15.58

3M WIRE MARKING AND LABELING

ScotchCode Wire Marker Tape Dispensers



Dispenser with ten refillable compartments for the easy-to-cut colored, lettered, or numbered tape.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-STD09	Dispenser, 1 roll each # 0-9	29.40	26.57
517-STDC	Dispenser, 1 roll each color: black, blue, brown, green, gray, orange, red, violet, white, and yellow	29.40	26.57

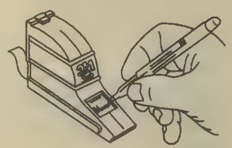
Numbered and Colored Tape Refills

Fill in the blank (__) of the part number with (0, 1, 2, 3, 4, 5, 6, 7, 8, 9) for the numbered refill or (BK, RD, YL, WH, GN, GY, OR, VL, BL, BN) for the colored refill you are ordering.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-SER___	Refill for numbered only	1.86	1.68
517-SDR___	Refill for colored only	1.86	1.68

ScotchCode Write-On Wire Marker Tape Dispensers and Refills



Dispensers provide a smooth, stable writing surface. Use for cable, motor panels, control panels or sub-assemblies --- any wire or cable. SLW comes with SMP marker pen and 70 markers. SLW is disposable with no refill. The SWD comes with the pen and 250 markers.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-SLW	Dispenser for large write-on wire markers, size 1" x 5"	26.84	24.26
517-SWD	Dispenser for write-on markers, size 3/4" x 1-3/8"	22.58	20.40
517-SWD-R	Write-on marker refills, size 3/4" x 1-3/8"	17.43	15.75

ScotchCode Marking Pens

Pens feature an extra-fine point with quick-drying water-resistant ink. For use with write-on markers and on other non-porous surfaces.

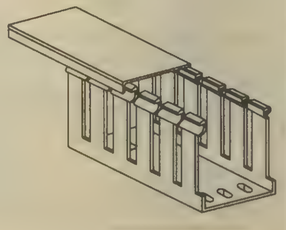
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-SMP	Permanent black ink	4.33	3.92
517-SMP-R	Permanent red ink	4.33	3.92

PANDUIT® TYPE "G" WIRING DUCT

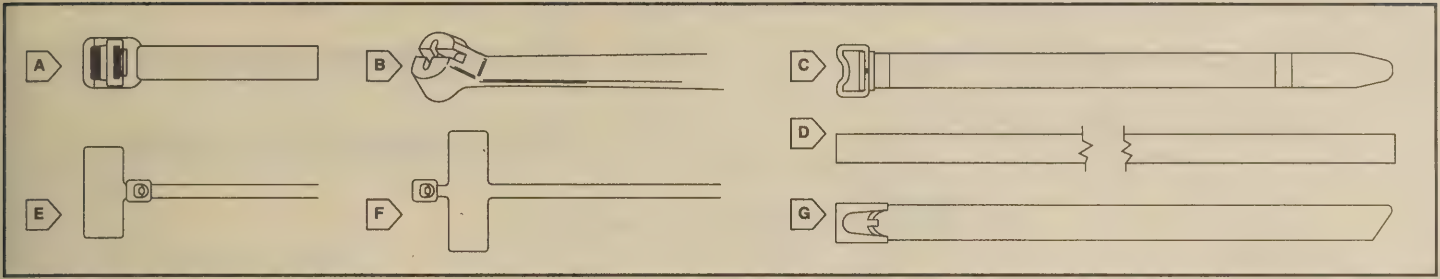
Single Pack (1 per box)			Bulk Pack (20 per box)	
MOUSER STOCK NO.	Description	Price Per Each 6' Section	MOUSER STOCK NO.	Price Per Box Of 20 6' Sections
644-G1X2LG6-1	1" x 2" slotted wiring duct	26.34	644-G1X2LG6-20	427.20
644-G2X2LG6-1	2" x 2" slotted wiring duct	28.98	644-G2X2LG6-20	470.40
644-G3X3LG6-1	3" x 3" slotted wiring duct	43.20	644-G3X3LG6-20	700.80
644-C1LG6-1	Cover for 644-G1X2LG6-1 & -20	5.70	644-C1LG6-20	92.40
644-C2LG6-1	Cover for 644-G2X2LG6-1 & -20	8.82	644-C2LG6-20	142.80
644-C3LG6-1	Cover for 644-G3X3LG6-1 & -20	13.20	644-C3LG6-20	213.60

Used for control panel wiring and to route and protect wiring in communication closets. The nonslip cover conceals all wiring and is easy to install. The duct and cover form a flush sidewall providing increased capacity and improved aesthetics. UL recognized, CSA certified.



- Rigid PVC construction
- Color light gray
- UL flammability rating: 94V-0

Cable Ties, Mounts Markers, and Tools



PAN-TY® NYLON CABLE TIES

- Curved tip design for faster threading.

✻ Black weather resistant

Price each is per cable tie.

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	500	1000
Miniature									
644-PLT1M-C	A	18	3.9	.87	.098	.12	.10	.09	- - -
644-PLT1M-M	A	18	3.9	.87	.098	- - -	- - -	- - -	.02
644-PLT1.5M-C	A	18	5.6	1.25	.098	.14	.11	.10	- - -
644-PLT1.5M-M	A	18	5.6	1.25	.098	- - -	- - -	- - -	.03
Intermediate									
644-PLT1.5I-C	A	40	5.6	1.38	.142	.14	.11	.10	- - -
644-PLT1.5I-M	A	40	5.6	1.38	.142	- - -	- - -	- - -	.04
644-PLT1.5I-CO	A	40	5.6	1.38	.142	.18	.14	.13	- - -
644-PLT1.5I-MO	A	40	5.6	1.38	.142	- - -	- - -	- - -	.05
Standard									
644-PLT2S-C	A	50	7.4	1.88	.19	.18	.14	.13	- - -
644-PLT2S-M	A	50	7.4	1.88	.19	- - -	- - -	- - -	.05
644-PLT2S-CO	A	50	7.4	1.88	.19	.20	.16	.14	- - -
644-PLT2S-MO	A	50	7.4	1.88	.19	- - -	- - -	- - -	.06
644-PLT3S-C	A	50	11.5	3.0	.19	.36	.28	.25	- - -
644-PLT3S-M	A	50	11.5	3.0	.19	- - -	- - -	- - -	.13
644-PLT4S-C	A	50	14.5	4.0	.19	.41	.32	.29	- - -
644-PLT4S-M	A	50	14.5	4.0	.19	- - -	- - -	- - -	.15
644-PLT4S-CO	A	50	14.5	4.0	.19	.42	.33	.30	- - -
644-PLT4S-MO	A	50	14.5	4.0	.19	- - -	- - -	- - -	.15

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	50	100	500
Heavy Duty									
644-PLT4H-L	A	120	14.5	4.0	.30	.60	.47	.42	.38
644-PLT4H-LO	A	120	14.5	4.0	.30	.65	.51	.46	.41

Stock No. Suffix Denotes Standard Package Quantity: L = 50, C = 100, D = 500, M = 1000

DOME-TOP® BARB-TY® NYLON CABLE TIES

Price each is per cable tie.

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	500	1000
Miniature									
644-BT1M-C	B	18	4.0	.90	.095	.12	.10	.09	- - -
644-BT1M-M	B	18	4.0	.90	.095	- - -	- - -	- - -	.03
Intermediate									
644-BT1.5I-C	B	40	6.1	1.5	.141	.14	.11	.10	- - -
644-BT1.5I-M	B	40	6.1	1.5	.141	- - -	- - -	- - -	.04
644-BT2I-C	B	40	8.0	2.0	.141	.21	.17	.15	- - -
644-BT2I-M	B	40	8.0	2.0	.141	.21	- - -	- - -	.05
Standard									
644-BT2S-C	B	50	8.0	2.0	.185	.18	.14	.13	- - -
644-BT2S-M	B	50	8.0	2.0	.185	- - -	- - -	- - -	.04
644-BT4S-C	B	50	14.4	4.0	.185	.41	.32	.29	- - -
644-BT4S-M	B	50	14.4	4.0	.185	- - -	- - -	- - -	.15

NYLON 6.6 MARKER TIES

644-PLF1M-C	E	18	4.3	.87	.098	.27	.21	.19	- - -
644-PLM1M-C	F	18	3.9	.75	.098	.28	.22	.20	- - -

PAN-STEEL™ STAINLESS STEEL TIE SYSTEM

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	500	1000
644-MLT1S-CP	G	100	5.0	1.0	.18	.85	.65	.58	- - -
644-MLT2S-CP	G	100	7.9	2.0	.18	.86	.66	.59	- - -
						Price Each 1	50	100	500
644-MLT2H-LP	G	250	7.9	2.0	.31	1.04	.80	.72	.65

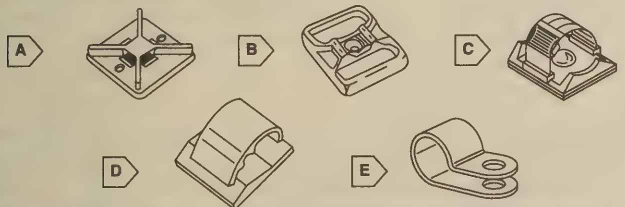
VELCRO BRAND CABLE TIES

- Black

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	10	100	500
644-HLC3S-XO	C	50	12.0	3.0	.75	1.54	1.20	.96	.86
644-HLS1.5S-XO	D	50	6.0	1.5	.75	.91	.71	.57	.51

Stock No. Suffix Denotes Standard Package Quantity: L = 50, C = 100, D = 500, M = 1000

CABLE TIE MOUNTS



MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
644-ABMM-A-C	A	Adhesive back, .75" x .75", 4 way	.67	.52	.47	.42
644-ABM100-A-C	A	Adhesive back, 1.0" x 1.0", 4 way	.90	.70	.63	.56
644-ABMS-A-C	B	Adhesive back, 1.13" x 1.13", 2 way	.90	.70	.56	.50
644-ARC.68-A-C14	C	Adhesive back, 1.0"x1.0", max bundle ø.69"	.73	.56	.50	.45
644-ACC19-A-C	D	Adhesive back, .75"x.62", max bundle ø.19"	.52	.41	.37	.33
644-ACC38-A-C	D	Adhesive back, 1.0"x1.0", max bundle ø.38"	.61	.48	.43	.38
644-CCH25-S10-C	E	#10 screw mount, ø.25", width .50"	.15	.11	.10	.09
644-CCH38-S10-C	E	#10 screw mount, ø.375", width .50"	.17	.13	.12	.10
644-CCH50-S10-C	E	#10 screw mount, ø.50", width .50"	.17	.13	.12	.10

SPIRAL WRAP

Clear polyethylene wrap provides abrasion protection for wire bundles.
Can be installed gapped, butted, or a combination of both.

MOUSER STOCK NO.	Size	Color	Price Each 1	10
644-T25F-C	.250D x 100FT	Natural	45.72	40.68
644-T50F-C	.500D x 100FT	Natural	124.65	110.89

STAINLESS STEEL MARKER PLATE

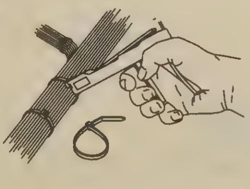
MOUSER STOCK NO.	Size	Description	Price Each 1	100	500	1000
644-MMP350-C	.75" x 3.50"	304 stainless steel	.65	.50	.45	.41

CABLE TIE INSTALLATION TOOLS

- The preferred tool design in the industry.
- Lightweight and balanced.
- Requires no special maintenance.
- Rugged all-steel construction
- Easy to operate.
- STS2 and GS2B install miniature, intermediate, and standard ties.

STS-2

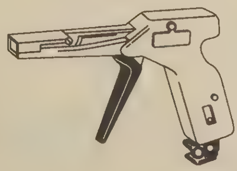
- Installer controlled tension and cut-off.
- Perfect size for pocket or tool box.
- Especially suited to maintenance and construction applications.



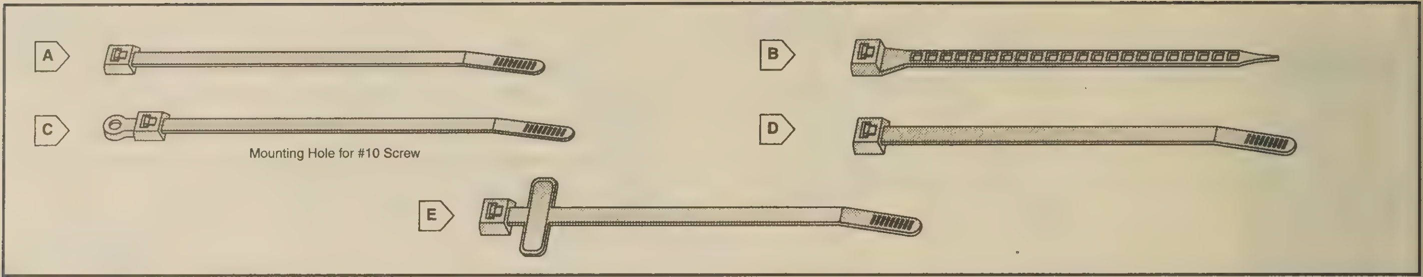
644-STS-2	23.23

GS2B

- Tool controlled tension and cut-off.
- Automatic tension and cut-off by squeezing trigger handle.
- Reduces fatigue and increases productivity.
- Especially suited to medium production applications.
- Q.P.L. per Mil. Std. MS90387-1



644-GS2B	124.65



BAR-LOK® CABLE TIES

Features:
- Manufactured of 100% nylon
- Bent-tip design for ease of handling and installation
- Maximum holding ability

File No. E57800

Specifications:
- Type 6/6 nylon
- Self-extinguishing - UL94 flam., class: V-2
- Meet MIL-S-23190, MS3367, ASTM D 4066-82
- Operating temperature: -40°C to 85°C
- Heat stabilized: -40°C to 105°C

Miniature Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	1000
514-08432	A	Natural	18	4	7/8	.095	.05	.031	.019
514-08433	A	Black, weather resist.	18	4	7/8	.095	.06	.035	.021

Intermediate Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	1000
514-08376	A	Natural	40	5.5	1 1/4	.13	.07	.060	.039
514-08377	A	Natural	40	8	2 1/8	.13	.10	.085	.056
514-08380	A	Black, weather resist.	40	8	2 1/8	.13	.12	.098	.064
514-08680	A	Purple	40	8	2 1/8	.13	.13	.110	.072

Standard Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	1000
514-08387	A	Natural	50	7.5	1 3/4	.177	.07	.06	.047
514-08600	A	Natural	50	11	3	.177	.14	.117	.092
514-10036	A	Natural	50	15	4	.177	.22	.185	.145
514-10037	A	Black, weather resist.	50	15	4	.177	.25	.217	.167

Ladder Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	1000
514-08472	B	Black, heat stabilized	40	7	1 3/4	.14	.07	.063	.028
514-08476-1	B	Natural	40	7	1 3/4	.14	.10	.068	.041
514-08477-1	B	Natural	40	11	3	.14	.10	.092	.055

Screw Mount-Standard Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	1000
514-08484-1	C	Natural	50	7.5	1 3/4	.177	.13	.117	.094
514-10350	C	Natural	50	11	3	.177	.13	.119	.096

Slim Line Ties

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	1000
514-10325	D	Natural	18	8	2 1/8	.095	.06	.050	.034
514-10327	D	Black, weather resist.	18	8	2 1/8	.095	.08	.060	.034
514-10335	D	Natural	40	15	4	.14	.23	.170	.103

Miniature Identification Ties

Features:
- Mark on textured tab with cable tie marking pen (sold separately)
- Can be heat stamped

Specifications:
- Type 6/6 nylon
- Self-extinguishing - UL94 flam., class: V-2
- Designed in accordance with MIL-S-23190 and MS 3368

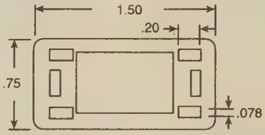
File No. E57800

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each 1	100	1000
514-08412	E	Natural, ID	18	4	7/8	.095	.17	.130	.062

CABLE TIE ID PLATE (NYLON)

Features:
- For convenient tagging of wire bundles and cables

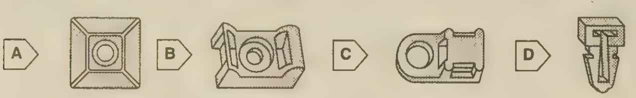


DIMENSIONS (IN.)

MOUSER STOCK NO.	Price Each 1	100	1000	10000
514-08457-1	.28	.147	.105	Call

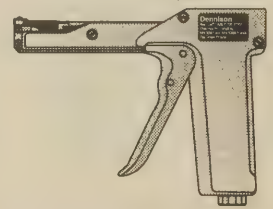
BAR-LOK® CABLE TIE MOUNTS

Features:
- Natural nylon (type 6/6)
- Accommodates minimal space limitations
- Push-in mount (fig. D) requires .25" mounting hole
- Slips through slot easily and is securely contained for easy assembly and tensioning



MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
514-08462-1	A	1" adhesive 4-way mount for mini and standard ties	.50	.252	.189	Call For Quote
514-10045-1	B	#8 screw size, cradle mount, for standard ties	.26	.137	.100	
514-10046-1	B	#10 screw size, cradle mount, for heavy duty ties	.33	.168	.126	
514-10027-1	C	#8 screw size, ANC base mount, for standard ties	.20	.098	.075	
514-10028-1	C	#10 screw size, ANC base mount, for standard ties	.22	.116	.086	
514-10056-1	D	Push-in mount, for standard ties	.25	.126	.096	

CABLE TIE INSTALLATION TOOL



Features:
- Adjustable, pre-set tension results in uniform cable tie application, neater bundles, more efficient harnessing
- Slim nose construction, allows easy positioning in hard-to-reach areas or on intricate harnesses
- Shock-resistant action for operator comfort. No "snap" when tie is cut, the tool absorbs all impact
- Reliable, long-life construction. Extremely durable compression spring mechanism, rugged aluminum housing

MOUSER STOCK NO.	Price Each
514-08480	109.95

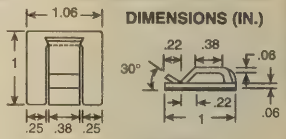
CABLE TIE MARKING PEN

Features:
- Smear-proof and waterproof ink for writing on all nylon surfaces

MOUSER STOCK NO.	Description	Price Each 1	6	12
514-08506	Cable tie marking pen, with extra-fine tip, black ink	7.68	6.40	5.15

CABLE CLIP

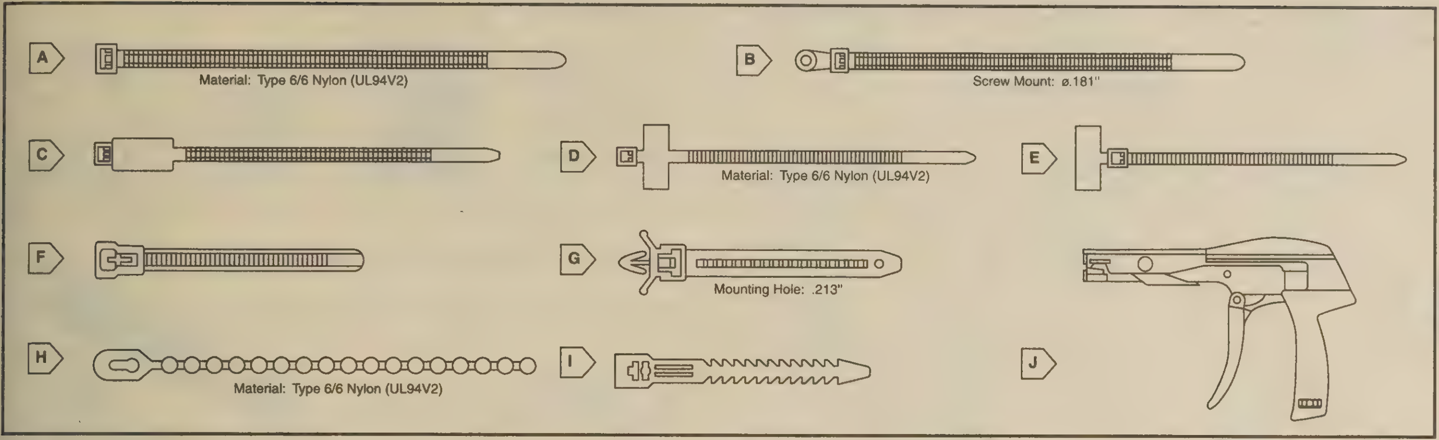
Features:
- Allows use of any width cable
- Made of type 6 nylon
- Accommodates stacked cable



DIMENSIONS (IN.)

MOUSER STOCK NO.	Description	Price Each 1	100	500	1000
514-08406	High quality, durable, non-conductive cable clip	.58	.30	.22	Call

Nylon Cable Ties and Installation Tool


A
Material: Type 6/6 Nylon (UL94V2)
B
Screw Mount: ø.181"
C
D
Material: Type 6/6 Nylon (UL94V2)
E
F
G
Mounting Hole: .213"
H
Material: Type 6/6 Nylon (UL94V2)
I
J

All cable ties are UL Recognized except where noted with an (*) asterisk.

NEW IN 2001

3M STANDARD TIES

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each			
						1	100	1000	10000
517-41932	A	18	4	0.7	0.1	.03	.023	.015	.011
517-41936	A	30	6	1.25	0.14	.05	.04	.029	.026
517-41938	A	50	8	1.75	0.18	.05	.043	.036	.03
517-41942	A	50	12	3.0	0.18	.09	.075	.062	.051
517-41952	A	50	15	4.0	0.19	.12	.097	.08	.066
517-41950	A	120	15	4.0	0.3	.23	.19	.17	.14

NEW IN 2001

3M STANDARD WEATHER RESISTANT TIES

517-41930	A	18	4	0.7	0.1	.08	.05	.042	.02
517-41934	A	30	6	1.25	0.14	.10	.076	.062	.045
517-41940	A	50	8	1.75	0.18	.17	.12	.104	.086
517-41944	A	50	12	3.0	0.18	.18	.14	.12	.10
517-41948	A	50	15	4.0	0.19	.18	.14	.12	.10
517-41946	A	120	15	4.0	0.3	.33	.26	.22	.19

EAGLE STANDARD TIES

• Color: natural

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each			
						1	100	1000	10000
Miniature Range									
561-N3502	A	17	3.15	.55	.098	.04	.027	.017	.013
481-0102	A	18	4.0	.98	.098	.03	.023	.015	.011
561-N3500	A	17	4.0	.875	.098	.04	.027	.017	.013
561-N3506	A	17	6.3	1.40	.098	.10	.067	.042	.032
561-N3508	A	17	7.9	2.0	.098	.10	.071	.044	.034
Intermediate Range									
561-N3510	A	40	5.5	1.18	.142	.06	.05	.034	.031
481-0108	A	40	6.0	1.50	.146	.05	.04	.029	.026
561-N3512	A	40	7.9	2.0	.142	.10	.083	.056	.052
561-N3514	A	40	11.6	2.95	.142	.14	.114	.078	.071
Standard Range									
561-N3522	A	50	6.3	1.42	.189	.06	.046	.038	.031
561-N3515	A	50	7.1	1.58	.189	.06	.048	.040	.033
561-N3520	A	50	7.9	2.0	.189	.06	.050	.041	.034
481-0115	A	50	8.0	2.17	.181	.05	.043	.036	.030
561-N3524	A	50	9.8	2.76	.189	.08	.069	.057	.047
561-N3526	A	50	11.6	2.95	.189	.09	.075	.062	.051
561-N3528	A	50	14.6	3.94	.189	.12	.097	.080	.066
Light Heavy Range									
561-N3540	A	120	5.9	1.42	.299	.17	.13	.11	.09
561-N3542	A	120	7.9	2.0	.299	.18	.14	.12	.10
561-N3544	A	120	11.4	3.15	.299	.21	.17	.15	.13
561-N3546	A	120	14.6	4.1	.299	.23	.19	.17	.14

EAGLE STANDARD WEATHER RESISTANT TIES

• Color: black

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each			
						1	100	1000	10000
Miniature Range									
561-N3503	A	17	3.15	.55	.098	.07	.055	.045	.03
481-0102UV	A	18	4.0	.98	.098	.08	.05	.042	.02
561-N3501	A	17	4.0	.875	.098	.08	.06	.05	.045
561-N3507	A	17	6.3	1.4	.098	.09	.072	.061	.048
561-N3509	A	17	7.9	2.0	.098	.09	.072	.061	.048
Intermediate Range									
561-N3511	A	40	5.5	1.18	.142	.10	.084	.068	.051
481-0108UV	A	40	6.0	1.5	.146	.11	.076	.062	.045
561-N3513	A	40	7.9	2.0	.142	.10	.084	.068	.051
561-N3516	A	40	11.6	2.95	.142	.13	.117	.093	.070

EAGLE STANDARD WEATHER RESISTANT TIES (cont.)

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Width (In.)	Price Each			
						1	100	1000	10000
Standard Range									
561-N3523	A	50	6.3	1.42	.189	.18	.14	.12	.10
561-N3534	A	50	7.1	1.58	.189	.18	.14	.12	.10
481-0115UV	A	50	8.0	2.17	.181	.17	.12	.104	.086
561-N3538	A	50	7.9	2.0	.189	.18	.14	.12	.10
561-N3537	A	50	9.8	2.76	.189	.18	.14	.12	.10
561-N3527	A	50	11.6	2.95	.189	.18	.14	.12	.10
561-N3529	A	50	14.6	3.94	.189	.18	.14	.12	.10
Light Heavy Range									
561-N3541	A	120	5.9	1.42	.299	.21	.17	.15	.13
561-N3543	A	120	7.9	2.0	.299	.21	.17	.15	.13
561-N3545	A	120	11.4	3.15	.299	.30	.24	.21	.17
561-N3547	A	120	14.6	4.1	.299	.33	.26	.22	.19

EAGLE SCREWMOUNT TIES

• Color: natural

Intermediate Range									
481-0200	B	40	6.7	1.57	.146	.07	.064	.051	.045
Standard Range									
481-0201	B	50	8.7	2.36	.181	.11	.102	.082	.072
481-0202	B	50	14.6	4.00	.181	.25	.228	.183	.161
Light Heavy Range									
481-0203	B	120	15.7	4.8	.295	.40	.375	.301	.265

EAGLE IDENTIFICATION TIES

• Color: natural

Miniature Range									
561-N3561	C	18	3.95	.709	.098	.12	.100	.090	.080
481-0500	D	18	4.1	.98	.098	.10	.090	.080	.070
481-0501	E	18	4.4	.98	.098	.10	.090	.080	.070
Standard Range									
* 481-0502	C	50	7.9	2.0	.181	.20	.178	.158	.139

EAGLE RELEASABLE TIES

• Color: natural

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Price Each			
					1	100	1000	10000
Standard Release								
481-0300	F	26	4.9	1.18	.15	.10	.071	.064
481-0301	F	50	5.9	1.38	.17	.12	.104	.067
481-0302	F	50	7.8	1.97	.21	.189	.158	.089
481-0303	F	50	11.7	3.15	.32	.21	.150	.13
Push Release								
* 481-0400	G	90	5.8	1.46	.21	.189	.158	.089

EAGLE BEADED TIES

• Color: natural

561-N3525	H	30	4 1/4	1.00	.04	.03	.025	.022
561-N3530	H	30	6	1.25	.07	.06	.049	.043
561-N3535	H	30	8	2.00	.10	.078	.065	.057
561-N35100	H	30	10	2.25	.14	.102	.079	.07

EAGLE AC CORD TIES

MOUSER STOCK NO.	Fig.	Tensile Strength (Lbs.)	Length (In.)	Max. Bundle Dia. (In.)	Color	Price Each			
						1	100	1000	10000
* 481-0600	I	18	6.2	1.77	Natural	.12	.104	.089	.035
* 481-0601	I	18	6.2	1.77	Black	.12	.104	.089	.035

EAGLE CABLE TIE GUN

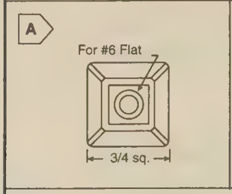
• For use with cable tie widths from .087" to .189"

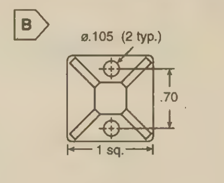
MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
561-N3000	J	Adjustable metal tensioning tool	27.60	25.76

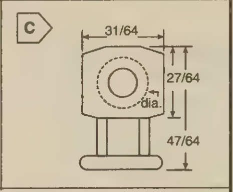
Cable Tie Accessories, Tubing, and Heat Guns

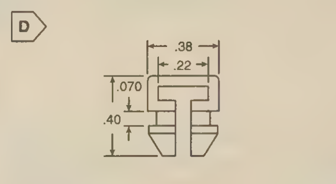
EAGLE NYLON WIRE AND CABLE TIE ACCESSORIES

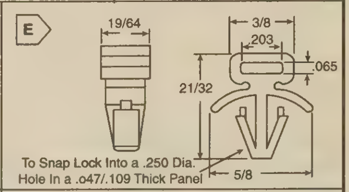
DIMENSIONS (IN.)

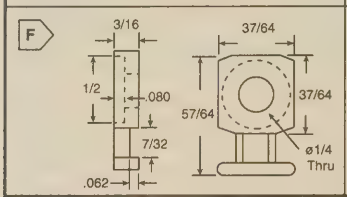


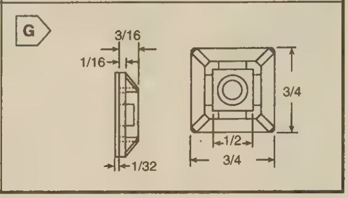







E
19/64
3/8
.203
.065
21/32
To Snap Lock Into a .250 Dia. Hole In a .o47/.109 Thick Panel
5/8

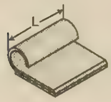


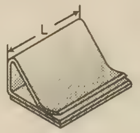


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
561-N3588	A	Cradle mount (adhesive)	.18	.15	.13	.07
561-N3590	B	Cradle mount (adhesive)	.29	.21	.16	.13
561-N3591	B	Cradle mount (screw)	.26	.18	.14	.12
561-N3595	C	Screwtab	.13	.10	.06	.05
561-N3600	D	Clip mount (.187")	.18	.15	.13	.07
561-N3605	D	Clip mount (.250")	.18	.15	.13	.07
561-N3606	E	Clip mount (.250")	.32	.25	.21	.15
561-N3607	F	Screw tab 1/4"	.17	.13	.11	.07
561-N3608	G	Cradlemount Screw 3/4"	.34	.26	.22	.16

3M SCOTCHFLEX GRAY VINYL CABLE CLIPS

A


B


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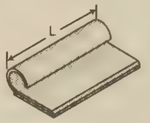


Standard packaging is 100 pieces

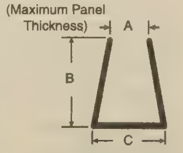
MOUSER STOCK NO.	Fig.	Length (In.)	Cable O.D. (In.)	Price Each			
				1	100	1000	5000
517-706	A	1	1/8	.29	.25	.20	.16
517-707	B	1	1/4	.36	.30	.25	.19
517-710	C	1 1/2	1/4	.36	.30	.25	.19

DIMENSIONS (IN.)

- Foam adhesive backed clips
- Hold cable in place
- Route cables around equipment or cabinets

EAGLE CONTINUOUS FLEXIBLE GROMMETING

Continuous flexible grommeting can be used for round, square, and irregular shaped panels. Polyethylene grommeting is a lightweight low cost material good for general indoor applications. Polyethylene is not affected by ordinary solvents and resistant to abrasion.

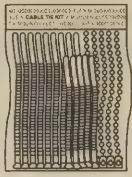


There are two colors available, replace the (__)in the part number with: **B** for **Black** or **N** for **Natural**

MOUSER STOCK NO.	Type	Dimensions (In.)			Price Per Foot		
		A	B	C	1	100	1000
561-FGSP0400-__	Serrated	.040	.190	.130	.45	.32	.27
561-FGSP0520-__	Serrated	.050	.190	.130	.51	.37	.29
561-FGSP0620-__	Serrated	.060	.200	.170	.51	.37	.29
561-FGSP0850-__	Serrated	.085	.200	.170	.51	.37	.29
561-FGSP0100-__	Serrated	.100	.220	.210	.51	.37	.29
561-FGSP0125-__	Serrated	.125	.220	.210	.59	.42	.34
561-FGSP0187-__	Serrated	.187	.270	.260	.64	.46	.36

CABLE TIE KIT

- 105 cable ties per kit
- 15 pieces of each size
- 7 different ties in each
- 2 kits, one with 4"-6" the other with 6"-8"
- Resealable storage bag

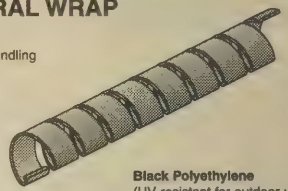


MOUSER STOCK NO.	Size Range (In.)	Price Each
370-CT-1	4-6	12.95
370-CT-2	6-8	12.95

EAGLE UV RESISTANT SPIRAL WRAP

Spiral wrap is a specially-designed polyethylene covering for bundling tubing, wires, and other types of conductors.

- Easy to apply and remove
- Reusable and flexible
- Adds to safety and appearance of your product
- Can be installed during production or after final assembly

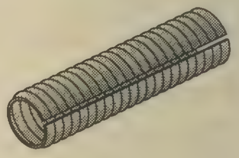


Black Polyethylene
(UV resistant for outdoor use)

MOUSER STOCK NO.	O.D. (In.)	Bundle Range (In.)	Price Per Foot (1-99')	MOUSER STOCK NO.	Price Per Coil (100')
561-W12BK	1/8	1/16-1/4	.15	561-W12BK/C	12.35
561-W25BK	1/4	3/16-2	.28	561-W25BK/C	20.70
561-W37BK	3/8	5/16-3	.40	561-W37BK/C	26.67
561-W50BK	1/2	3/8-4	.52	561-W50BK/C	30.16

SPLIT LOOM TUBING

Split loom corrugated tubing is an efficient method of wire harness assembly. Protects and reduces the risk of damage to wiring circuits during installation.

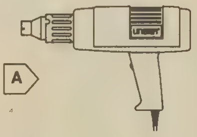


By the Foot **By the Reel**

MOUSER STOCK NO.	Size	Price Per Foot			MOUSER STOCK NO.	Reel Length	Price Per Reel	
		1	10	50			1	5
481-1007-FT	.29 ID	.23	.15	.13	481-1007	984 Ft. (300M)	100.50	91.45
481-1011-FT	.42 ID	.29	.19	.18	481-1011	656 Ft. (200M)	85.00	77.35
481-1013-FT	.52 ID	.32	.21	.19	481-1013	656 Ft. (200M)	70.10	63.79
481-1015-FT	.59 ID	.39	.26	.24	481-1015	328 Ft. (100M)	63.00	57.33

Weller®-Ungar® HEAT GUN AND ACCESSORIES

E21922

A


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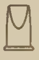
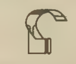


578-1080 Reducer
(Heat concentration)

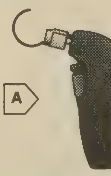
C


578-1082 Reflector
(for heat shrink)

Provides flameless heat for applying heat shrink tubing, curing epoxy, and many other applications. High and low temperature: 790°F-low, 1200°F-high, 1000W (max.), 120VAC, 60Hz, UL listed.

MOUSER STOCK NO.	Fig.	Price Each	
		1	6
578-1095	A	51.11	49.40
578-1080	B	5.90	5.70
578-1082	C	5.90	5.70

ISOTIP PORTABLE HEAT GUN AND MINI TORCH

A


MicroTherm Heat Gun

- Portable and flameless heat
- Electronic ignition
- Temperatures up to 1200°F (650°C)
- For heat shrink tubing, activating adhesives and plotting compounds.

EZ-Torch Portable Mini Torch

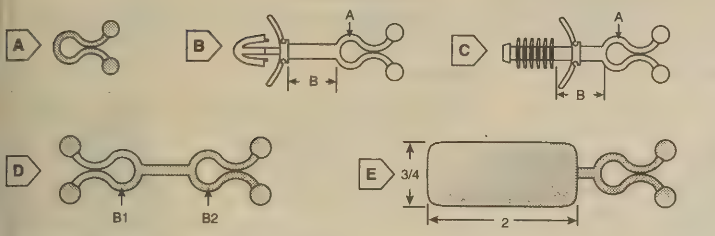
- Electronic ignition
- Runs approximately 20 minutes of continuous flame per cartridge
- Maximum temperature range: 1300°F~2375°F

B

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	5	10	25
557-7975	A	Micro Therm Heat Gun	27.95	26.55	- - -	- - -
557-7978	B	EZ-Torch Mini Torch	19.95	18.95	- - -	- - -
557-7976	-	2 pk. butane refills	1.90	1.81	1.72	1.63

EAGLE Cable Mounting Hardware and Accessories

DIMENSIONS (IN.)



NYLON "EZ" TWIST LOCKS

Securely position and hold wire, cable or tubing. Simply twist to wrap; untwist to unwrap. Reusable and molded of tough, resilient nylon 6/6 (UL 94V2), color: natural.

"EZ" Twist Locks

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Bundle dia. (In.)	Price Each			
				1	100	1000	10000
561-EZ125	A	1/8" lock	.11 - .14	.14	.084	.050	.042
561-EZ250	A	1/4" lock	.20 - .27	.14	.084	.050	.042
561-EZ375	A	3/8" lock	.30 - .40	.15	.086	.039	.036
561-EZ500	A	1/2" lock	.40 - .50	.15	.089	.041	.038
561-EZ625	A	5/8" lock	.55 - .65	.17	.105	.063	.053
561-EZ750	A	3/4" lock	.70 - .80	.18	.109	.069	.059

"EZ" Twist Lock Supports

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Mtg. Hole	Panel Range	Price Each		
		A	B			1	100	500
561-EZS250	B	.250	.954	.187	.030/.078	.15	.101	.088
561-EZS200	B	.200	.011	.187	.030/.078	.14	.096	.084
561-EZS450	B	.450	.625	.187	.030/.078	.16	.110	.096
561-EZS625	B	.625	.028	.187	.030/.078	.20	.135	.118

"EZ" Twist Lock Fin Clip Base

For quantities greater than listed, call for quote.

561-EZFB025	C	.375	.250	.188	1/32-1/4	.27	.181	.159
561-EZFB050	C	.375	.500	.188	1/32-1/4	.28	.186	.163

NYLON DOUBLE "EZ" TWIST LOCKS AND LABELS

Doube Ended "EZ" Twist Locks

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	B1 / B2	Price Each			
			1	100	1000	10000
561-DEZ0001	D	.30/.40	.47	.283	.170	.157
561-DEZ0002	D	.40/.50	.52	.314	.188	.174

"EZ" Twist Lock Labels

For quantities greater than listed, call for quote.

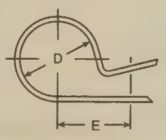
MOUSER STOCK NO.	Fig.	Bundle Dia. (In.)	Price Each			
			1	100	1000	10000
561-EZLB0250	E	1/4"	.55	.330	.198	.183
561-EZLB0375	E	3/8"	.55	.330	.198	.183

NYLON CABLE CLAMPS

Heavy Duty

For quantities greater than listed, call for quote.

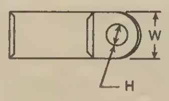
MOUSER STOCK NO.	Dimensions (In.)				Price Each		
	D	W	H	E	1	100	1000
561-B0125	1/8	1/2	.203	.315	.12	.04	.033
561-B0187	3/16	1/2	.203	.425	.12	.04	.033
561-B0250	1/4	1/2	.203	.410	.12	.04	.033
561-B0312	5/16	1/2	.203	.500	.12	.04	.033
561-B0375	3/8	1/2	.203	.530	.14	.05	.042
561-B0437	7/16	1/2	.203	.560	.14	.05	.042
561-B0500	1/2	1/2	.203	.595	.14	.05	.042
561-B0562	9/16	1/2	.203	.606	.14	.05	.042
561-B0625	5/8	1/2	.203	.655	.14	.05	.042
561-B0750	3/4	1/2	.203	.780	.17	.06	.053
561-B1000	1	1/2	.203	.910	.17	.06	.053
561-B1250	1 1/4	1/2	.203	1.06	.19	.08	.074
561-B1500	1 1/2	1/2	.203	1.19	.19	.08	.074



Standard

For quantities greater than listed, call for quote.

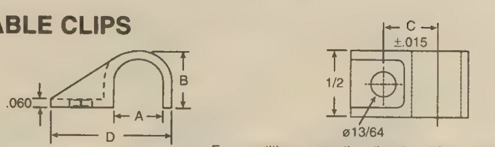
MOUSER STOCK NO.	Dimensions (In.)				Price Each		
	D	W	H	E	1	100	1000
561-C0125	1/8	3/8	.167	.329	.10	.035	.028
561-C0187	3/16	3/8	.167	.430	.10	.035	.028
561-C0250	1/4	3/8	.167	.410	.10	.035	.028
561-C0312	5/16	3/8	.167	.495	.10	.035	.028
561-C0375	3/8	3/8	.167	.595	.11	.037	.031
561-C0500	1/2	3/8	.167	.605	.12	.040	.033



DIMENSIONS (IN)

HEAVY DUTY CABLE CLIPS

DIMENSIONS (IN.)

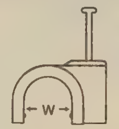


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(In.) Size	Dimensions (In.)				Price Each		
		A	B	C	D	1	100	500
561-1250CC	1/8	.115	.115	.307	.675	.27	.12	.08
561-1720CC	3/16	.172	.172	.328	.732	.29	.13	.09
561-2340CC	1/4	.234	.234	.366	.793	.30	.14	.09
561-2970CC	5/16	.297	.297	.400	.859	.31	.14	.09
561-3590CC	3/8	.359	.359	.430	.910	.33	.15	.10
561-4220CC	7/16	.422	.422	.460	.980	.34	.16	.10
561-4840CC	1/2	.484	.484	.492	1.044	.34	.16	.10

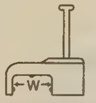
POLYETHYLENE NAIL-IN CABLE CLIPS

A



For Round Cables

B



For Flat Cables

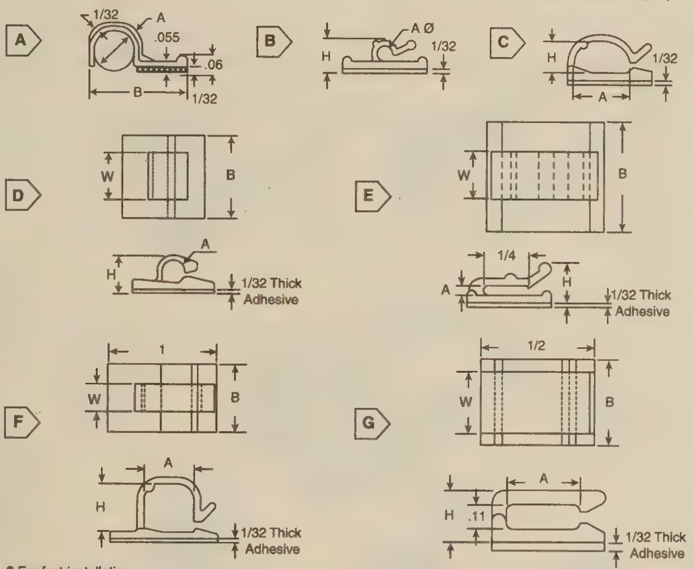
Molded nail-in clips are used to safely install cable TV, fiber optics, computer networks, telephone, and other communication systems, hydraulic and pneumatic systems.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	W (In.)	Fits Cable Type	Price Each			
				1	100	500	1000
561-C0040	A	.157	75Ω	.23	.086	.057	.037
561-C0045	B	.177	BELL	.23	.086	.057	.037
561-C0050	A	.197	RG-58	.23	.086	.057	.037
561-C0070	A	.276	RG-6	.23	.086	.057	.037
561-C0080	A	.315	TRIAX	.23	.086	.057	.037
561-C0090	B	.354	DUAL RG-6	.24	.089	.060	.039

NYLON ADHESIVE BACKED CABLE CLIPS

DIMENSIONS (IN.)



- For fast installation

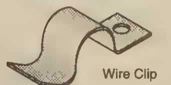
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Price Each			
		A	B	W	H	1	100	500	1000
561-SP13037	A	.125	.493	.375	.217	.18	.147	.126	.102
561-SP25550	A	.250	.865	.500	.343	.18	.147	.126	.102
561-SP38562	A	.375	1.000	.625	.475	.20	.168	.147	.126
561-SP50575	A	.500	1.125	.750	.593	.21	.189	.158	.129
561-AWC00125	B	.118	.510	.200	.200	.12	.104	.089	.074
561-AWC00375	C	.460	.750	.375	.310	.21	.189	.158	.129
561-AWC187	D	.187	.650	.375	.266	.28	.23	.20	.18
561-AWCF2547	E	.435	.470	.200	.219	.23	.19	.17	.14
561-AWC440	F	.460	.625	.250	.440	.32	.26	.23	.21
561-AWCF32811	G	.328	.375	.270	.190	.23	.19	.17	.14

NYLON WIRE CLIPS-SPRING CLIPS

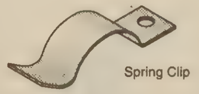
These clips provide fast, secure assembly and routing of wires, standard round cable, flat cable and tubing. The spring clip can also be used to mount panels, glass, displays, or signs. All contact edges are rounded for product protection.

A



Wire Clip

B

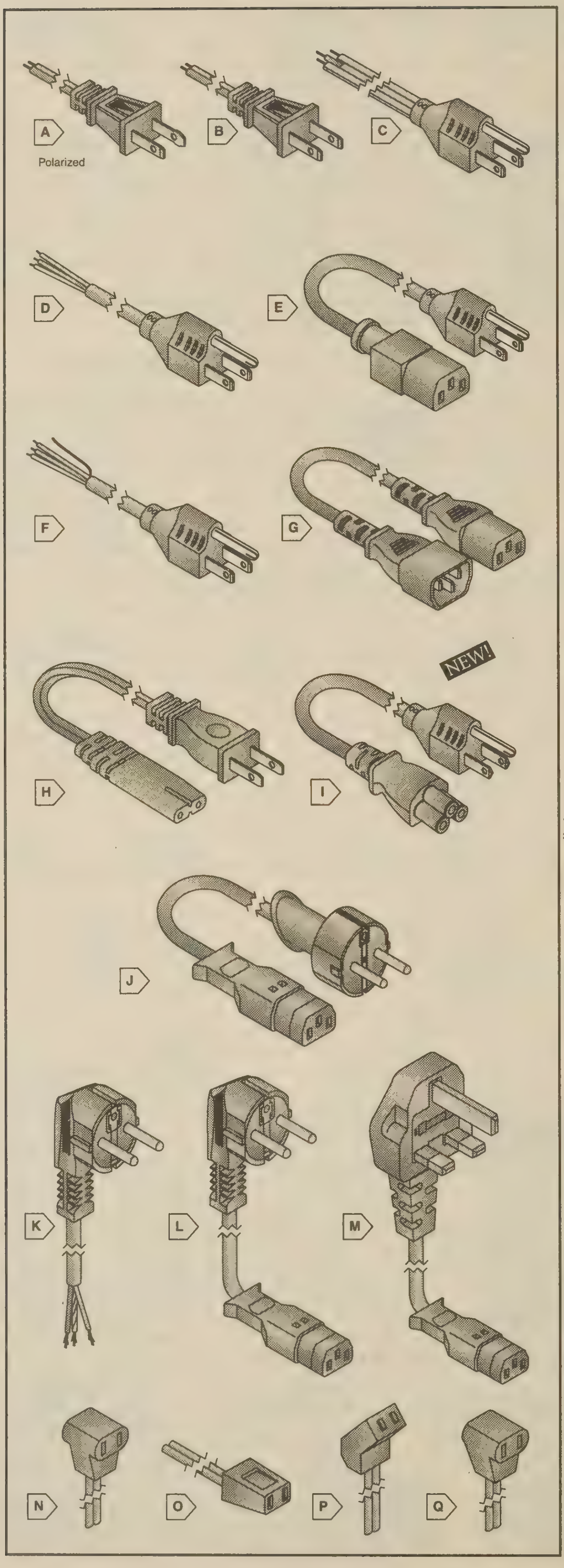


Spring Clip

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)	Price Each			
			1	100	500	1000
561-WC500312	A	1/2 x .312	.26	.195	.130	.104
561-SCP375132	B	3/8 x .132	.21	.155	.104	.083

AC Power Cords



POWER SUPPLY CORDS

Both two and three conductors types are offered in 6', 7 1/2', and 8' lengths with molded, low profile, crush resistant, NEMA 1-15P or 5-15P plugs. 18 AWG types are rated 125V, 1250 watts. 16 AWG type is rated 125V, 1625 watts. 14 AWG type is rated 125V, 1875 watts. All are UL listed and CSA certified.

Specifications:

• Temperature:	60°C			
• Rated:	AWG	18	16	14
	Watts	1250	1625	1875

Features:

- Economical and efficient
- Mechanical performance meets OEM requirements
- Excellent resistance to abrasion and blade wear requirements

UL listed CSA certified

Two and Three Conductor Types

MOUSER STOCK NO.	Fig.	Replaces Belden#	Size	Type	Rating @ 125V (A)	Length	Color	Price Each			
								1	10	100	500
Two Conductor Types, NEMA 1-15P Plug											
173-11112	A	- - - -	18/2	SPT-1	10	6'	Black	.88	.83	.78	.74
173-11102	B	- - - -	18/2	SPT-1	10	6'	Black	.88	.83	.78	.74
173-11123	B	- - - -	18/2	SPT-1	10	6'	Brown	.88	.83	.78	.75
173-31102	B	- - - -	18/2	SPT-2	10	6'	Black	1.17	1.11	1.05	.99
Three Conductor Types, NEMA 5-15P Plug											
173-33121	C	- - - -	18/3	SPT-2	10	6'	Gray	2.33	1.94	1.76	1.61
173-33101	C	- - - -	18/3	SPT-2	10	6'	Black	2.33	1.94	1.76	1.61
173-53101	D	17237	18/3	SVT	10	6'	Black	2.80	2.33	2.12	1.90
173-53102	D	17239	18/3	SVT	10	8'	Black	3.37	2.80	2.54	2.29
173-53121	D	176237	18/3	SVT	10	6'	Gray	2.80	2.33	2.12	1.90
173-73101	D	17405	18/3	SJT	10	6'	Black	3.12	2.60	2.36	2.15
173-73102	D	17407	18/3	SJT	10	8'	Black	3.89	3.25	2.95	2.68
173-75102	D	- - - -	16/3	SJT	13	8'	Black	3.84	3.20	2.91	2.65
173-78101	D	- - - -	14/3	SJT	15	6'	Black	4.33	3.59	3.27	2.94
Three Conductor Detachable AC Cord Set, NEMA 5-15P Plug											
173-63101	E	17250	18/3	SVT	10	7'6"	Black	3.98	3.34	2.99	2.70
173-63102	E	- - - -	18/3	SVT	10	8'	Black	4.16	3.45	3.14	2.82
173-63121	E	17250	18/3	SVT	10	7'6"	Gray	3.98	3.34	2.99	2.70

SHIELDED POWER CORDS

Control the error-generating effects of ambient electrical interference.

- Low profile molded plug
- Color: black
- Color code: CEE
- 100% foil shield
- Drain wire terminated to ground pin of plug
- High stranding for extended flexibility

NEMA 5-15P Plug

MOUSER STOCK NO.	Fig.	Replaces Belden#	AWG Strand	UL Type	Voltage Rating	Length	Price Each			
							1	10	100	500
Three Conductor Shielded										
173-53100	F	17740	18/3 41/34	SVT	300V	6' 7"	3.70	3.08	2.80	2.51
173-0602	E	17725	18/3 41/34	SVT	125VAC/10A	6' 7"	4.09	3.41	3.10	2.82
173-0603	G	17753	18/3 41/34	SVT	125VAC/10A	3' 3"	3.70	3.08	2.80	2.51
Double Shielded Braid and Foil										
173-0601	E	17660	18/3 41/34	SVT	125VAC/10A	6' 7"	5.66	4.72	4.29	3.90

LAPTOP / POWER SUPPLY CORD

† UL and CSA approved

✻ Designed for use with the Phihong PSA-15W Series table top power supplies. Can be used with many laptop power supplies.

MOUSER STOCK NO.	Fig.	Size	Type	Length	Color	Price Each			
						1	10	100	500
✻ 173-21101	H	.75mm²/2	VFF	6'	Black	3.65	3.20	2.75	2.50
† 173-21103	I	3 conductor 18 AWG	SVT	6'	Black	3.99	3.41	3.10	2.82
† 173-21102	H	2 conductor 18 AWG	SPT-1	6'	Black	3.65	3.20	2.75	2.50

Qualtek ELECTRONICS CORPORATION

P
PC Primary Power Components Div.
International Power Cords

INTERNATIONAL POWER CORDS

MOUSER STOCK NO.	Fig.	Replaces Belden#	Cord Type	Rating @ 250V (A)	Length (Meters)	Color	Price Each			
							1.	10	100	500
Continental Europe, Conductors: 3 x 1.00(mm2)										
562-364002	J	17811	HO5VV-F	10	2.5	Black	5.00	4.50	4.10	3.76
562-366003	K	17811	HO5VV-F	10	2.5	Black	4.24	3.82	3.48	3.16
562-367001	L	- - - -	HO5VV-F	10	2.5	Black	6.21	5.60	5.10	4.64
United Kingdom, Conductors: 3 x 1.00(mm2)										
562-370001	M	17965	HO5VV-F	10	2.5	Black	11.30	10.23	9.30	8.22

FAN POWER CORD

Designed for use with the Agusta 4.69" AC Tubeaxial fans. Can be used with all AC fans using .110" x .020" faston terminals with .3125" spacing. Temperature rating: 105°C (max).

E56356 LL38816

MOUSER STOCK NO.	Fig.	AWG	Cord Type	Termination	Length	Price Each			
						1	10	25	50
432-6101	N	18	SPT-1	T-type	2'	1.78	1.57	1.43	1.30

Qualtek ELECTRONICS CORPORATION

FAN POWER CORDS

Fan-S' Division
Fan Accessories

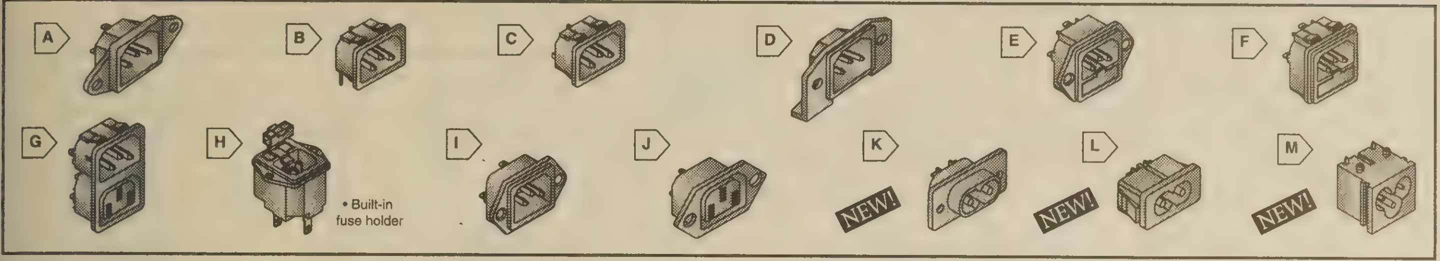
High quality fan power cords designed to be used with Tubeaxial fans. Strain relief is incorporated for added safety.

- Temperature range: 105°C
- UL rated 10A / 125VAC
- CSA rated 7A / 125VAC

E118750 LR5884-5M

MOUSER STOCK NO.	Fig.	Style	Cord Type	Voltage Rating	Length	Color	Price Each			
							1	10	25	50
562-07100-24	O	Straight	SPT-1	300V	2'	Black	1.36	1.26	1.18	1.10
562-07145-24	P	45°	SPT-1	300V	2'	Black	1.36	1.26	1.18	1.10
562-07145-60	P	45°	SPT-1	300V	5'	Black	1.86	1.71	1.59	1.48
562-07190-24	Q	90°	SPT-1	300V	2'	Black	1.36	1.26	1.18	1.10
562-07199-24	N	T-Plug	SPT-1	300V	2'	Black	1.36	1.26	1.18	1.10

Power Line Connectors, AC Plugs, and Receptacles



AC Power Inlets

Specifications:
- Current rating: UL, CSA 15A / 250, VDE 10A / 250
- Approvals: UL, CSA, VDE, SEV, SEMKO, NEMKO, DEMKO, SETI
- Temperature rating: 65°C

E94191(S)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each		
				1	10	100
161-0707-1	A	Screw mount	Solder tab	.74	.62	.56
161-0707-1-187	A	Screw mount	Solder tab / .187" faston	.74	.62	.56
161-0707-1-250	A	Screw mount	.250" faston	.78	.65	.59
161-0711-2	B	PCB mount	PC	1.84	1.53	1.39
161-0711-187	C	Snap-in mount	Solder tab / .187" faston	.74	.62	.56
161-0711-250	C	Snap-in mount	.250" faston	.78	.65	.59
161-0711-PQA	C	Snap-in mount	Solder tab / .187" faston	.74	.62	.56

PC Board AC Power Inlet

Specifications:
- Current rating: UL, CSA 15A / 250, VDE 10A / 250
- Approvals: UL, CSA, VDE, SEV, SEMKO, NEMKO, DEMKO, SETI
- Temperature rating: 65°C

For quantities greater than listed, call for quote.

161-0714-7	D	Screw mount	PC	1.04	.87	.79

IEC 320 AC Power Inlets with Miniature Fuse Holder

Specifications:
- Current rating: UL, CSA, VDE 10A / 250
- Approvals: UL, CSA, VDE, SEV, SEMKO, NEMKO, DEMKO, SETI
- Temperature rating: 65°C
- Accepts 5 x 20mm fuses

E122965(S)

For quantities greater than listed, call for quote.

161-0717-187	E	Screw mount	Solder tab / .187" faston	2.09	1.74	1.58
161-0717-1-187	F	Snap-in mount	Solder tab / .187" faston	2.09	1.74	1.58

IEC 320 / CEE 22 Combination AC Power Inlet / Outlet

Specifications:
- Current rating: UL, CSA, VDE 10A / 250
- Temperature rating: 65°C
- Approvals: UL, CSA, VDE, SEV, SEMKO

For quantities greater than listed, call for quote.

161-0712	G	Snap-in mount	Solder tab / .187" faston	2.05	1.71	1.55

NEMA 5-15R AC Power Inlets

Features:
- Mates to standard CEE-22 cord set
- Receptacles: IEC rated and approved for use in Europe
- Mates with detachable power cord sets 173-63101, 173-63102, 173-63121, 557-63122, 515-04515, 515-04850
- Mates to Belden 17250, 17251 power cords
- 16PJ522 fused receptacle accepts up to 6 amp midget fuse (5 x 20mm)

Screw Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
16PJ522	H	Fused with solder lug termination	3.77	3.14	2.86
161-3516	I	Standard with solder lug term., 15A @ 250V	1.41	1.08	.98
16PJ152	I	Standard with .187" faston termination	1.59	1.24	1.13
16PJ153	I	Standard with .250" faston termination	1.59	1.24	1.13

IEC 320 AC Power Outlets

Specifications:
- Current rating: UL, CSA, VDE 10A / 250
- Temperature rating: 65°C
- Approvals: UL, CSA, VDE, SEV, SEMKO

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Terminal Type	Price Each		
				1	10	100
161-0708-1	J	Screw mount	Solder tab	.83	.69	.63

Qualtek ELECTRONICS CORPORATION Low Current Power Inlet

Specification:
- Max. rating: 2.5A/250VAC

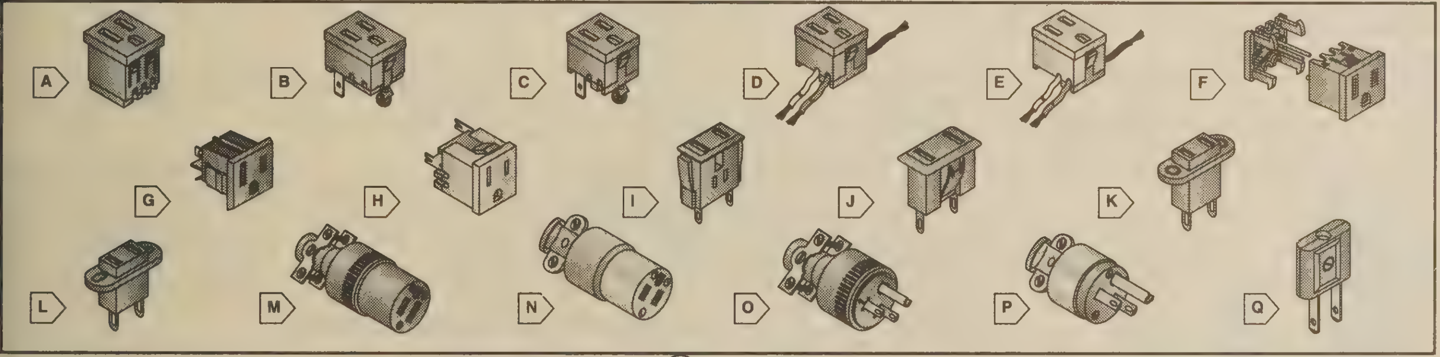
For quantities greater than listed, call for quote.

562-77001	K	Screw mount	Solder tabs	.95	.78	.72
562-77002	K	Screw mount	PCB pins	.95	.78	.72
562-77101	L	Snap in	Solder tabs	.95	.78	.72
562-77102	L	Snap in	PCB pins	.95	.78	.72

3 Conductor Low Current Power Inlet

For quantities greater than listed, call for quote.

161-0724-PP	M	Snap in	PCB pins	1.56	1.20	1.09
161-0724-PRS	M	Snap in	Solder tabs	1.56	1.20	1.09



AC RECEPTACLES

Note: All 2 conductor receptacles are non-polarized unless otherwise noted.

UL Listed

Snap-In Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Fits Panel Thickness	Price Each	
				1	10
151-0003	A	3 cond. polarized w/ground, black	.020-.079	1.29	.99
5160-67BK	B	3 cond. polarized w/ground, black plastic	.031-.070	1.38	1.24
5160-67W	B	3 cond. polarized w/ground, white plastic	.031-.070	1.38	1.24
5160-49BK	C	Midget, polarized, black plastic	.031-.070	1.36	1.22
5160-49W	C	Midget, polarized, white plastic	.031-.070	1.36	1.22
5160-49-2BK	D	Midget, polarized, heavy wire leads, blk plas.	.031-.070	2.38	2.14
5160-49-2W	D	Midget, polarized, heavy wire leads, wh plas.	.031-.070	2.38	2.14
5160-67-2W	E	2-6" #14AWG cond. w/ 1-6" #16AWG ground	.031-.070	4.06	3.65
161-0710-12	F	3 Cond. w/ground, v-slotted / .205" faston	.039-.063	1.36	1.23
161-0709	G	3 Cond. w/ground, solder tab / .187" faston	.039-.063	.81	.74
5160-49-8BK	H	3 Cond. w/ground, v-slotted, black	.031-.070	.92	.83
161-0715	I	2 Cond., polarized, 15 amp-125VAC	.031-.059	.94	.72
15AC037	I	2 Cond., polarized, 15 amp-125VAC	.031-.047	.94	.72
15AC022	J	6 amp-125V, black plastic	.039-.063	1.05	.88

AC RECEPTACLES (cont.)

Screw Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
* 15AC021	K	2 conductor, black plastic	.82	.63
15AC035	L	15 amp-125VAC, black plastic	.75	.58

Cable Mount

For quantities greater than listed, call for quote.

* 5160-222	M	.600" cord size, rubber, 3 cond. grounded, polarized, blk	6.40	5.76
5160-2887	N	.25 to .625 cord diameter, 3 cond. grounded	6.30	5.67

AC PLUGS, CABLE MOUNT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
5160-203	O	3 cond. grounded, .600" cord size, rubber w/cord clamp, black	4.46	4.01
5160-2867	P	3 cond. grnd, .685" cord, yell. vinyl w/armored cap & cord clamp	4.46	4.01
* 174-760B	Q	2 cond., hi-rel 10A-250V, non-polarized, black	.89	.80

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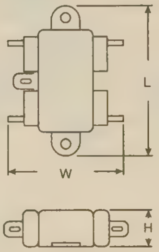

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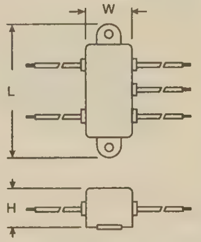

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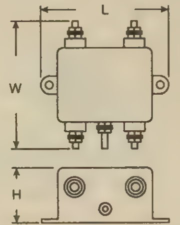

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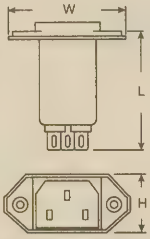

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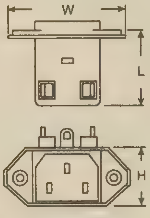

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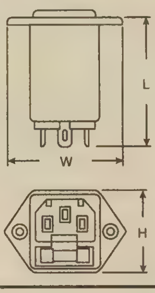

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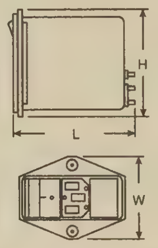

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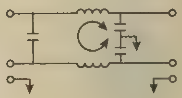

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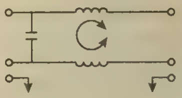

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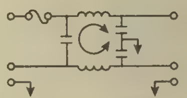

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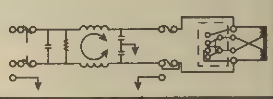

GENERAL PURPOSE COMMON MODE FILTERS

Designed to economically suppress line-to-ground interference and built to meet or exceed most international safety agency standards and requirements.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

Use Circuit Diagram AA For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Corcom Number	Induct-ance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
						H	L	W	1	25	50
	562-851-02/1	A	2VB1/2EB1	1.1mH	2A	.65	2.54	2.15	5.29	4.96	4.80
	562-851-03/3	A	3VB1/3EB1	2.8mH	3A	.77	2.50	2.54	6.44	6.03	5.84
	562-851-03/4	B	3VB3/3EB3	2.8mH	3A	.77	2.50	1.33	6.07	5.69	5.50
	562-851-05/5	A	5VB1/5EB1	2.9mH	5A	.77	2.50	2.54	5.95	5.57	5.39
*	562-851-05/6	B	5VB3/5EB3	2.9mH	5A	.77	2.50	1.33	6.50	6.10	5.89
	562-851-10/7	A	10VB1/10EB1	1.5mH	10A	1.18	2.50	2.54	7.69	7.21	6.96
**	562-851-10/9	C	10VBG	1.5mH	10A	1.18	2.77	3.10	10.35	9.70	9.38
**	562-851-20/11	C	20VBG	0.7mH	20A	1.15	2.77	3.37	11.42	10.71	10.35

* Leads without Fastons
** Stud Terminals without Fastons

MEDICAL FILTERS

Provide very low leakage current meeting medical and dental equipment requirements for UL544.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: 2uA
  @ 250VAC 50Hz: 5uA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

Use Circuit Diagram BB For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Corcom Number	Induct-ance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-857-01/37	D	1EAH1	5.0mH	1A	.82	2.10	2.05	4.20	3.93	3.80
562-857-03/38	D	3EAH1	1.8mH	3A	.82	2.10	2.05	5.07	4.75	4.59
562-857-06/39	D	6EAH1	.6mH	6A	.82	2.10	2.05	4.20	3.93	3.80
562-857-10/40	D	10EAH1	.18mH	10A	.82	2.10	2.05	4.32	4.04	3.91

GENERAL PURPOSE IEC CONNECTOR FILTERS

Provide effective EMI suppression on line-to-ground (common mode) and low frequency line-to-line (differential mode) noise while saving space and reducing cost.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .2mA
  @ 250VAC 50Hz: .4mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

Use Circuit Diagram AA For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Corcom Number	Induct-ance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-857-01/5	D	1EEA1	5mH	1A	.88	2.10	2.06	4.34	4.07	3.93
562-857-01/46	E	1EF2	5mH	1A	.88	1.50	1.58	5.41	5.07	4.91
562-857-03/17	D	3EEA1	1.8mH	3A	.88	2.10	2.06	4.34	4.07	3.93
562-857-03/47	E	3EF2	2.3mH	3A	.88	1.67	1.58	5.41	5.07	4.91
562-857-06/27	D	6EEA1	.6mH	6A	.88	2.10	2.06	4.34	4.07	3.93
562-857-06/48	E	6EF2	.6mH	6A	.88	1.67	1.68	5.41	5.07	4.91
562-857-10/33	D	10EEA1	.18mH	10A	.88	2.10	2.06	5.06	4.75	4.58
562-857-10/49	E	- - -	.18mH	10A	.88	1.55	1.99	6.83	6.41	6.20

HIGH PERFORMANCE IEC CONNECTOR FILTERS

Provide effective EMI suppression of line-to-ground and low frequency line-to-line noise.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

Use Circuit Diagram AA For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Corcom Number	Induct-ance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
562-858-01/3	D	1EEB1	6.5mH	1A	.88	2.12	1.58	5.64	5.28	5.11
562-858-03/7	D	3EEB1	2.5mH	3A	.88	2.12	1.58	4.80	4.50	4.35
562-858-06/11	D	6EEB1	.8mH	6A	.88	2.12	1.58	4.80	4.50	4.35
562-858-10/15	D	10EEB1	.2mH	10A	.88	2.12	1.58	4.80	4.50	4.35

GENERAL PURPOSE FUSED IEC CONNECTOR FILTERS

Designed for one 5mm x 20mm fuse and a spare fuse with a safety interlock that prevents fuse removal with power cord inserted.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

Use Circuit Diagram CC For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
				H	L	W	1	25	50
562-860-02/1	F	2.4mH	2A	1.29	2.54	1.73	10.88	10.20	9.86
562-860-04/3	F	2.8mH	4A	1.29	2.23	1.73	10.88	10.20	9.86
562-860-06/5	F	1.3mH	6A	1.29	2.54	1.73	9.79	9.18	8.87

MULTI-FUNCTION MODULE FILTERS

Effectively suppress EMI noise, both line-to-ground (common mode) and line-to-line (differential mode) for general applications. Compact design provides significant savings in space and cost compared with individual components.

Specifications:

- Maximum leakage current each line-to-ground @ 115VAC 60Hz: .25mA
  @ 250VAC 50Hz: .45mA
- Rated voltage: 115/250/VAC
- Hipot rating (one minute) line-to-ground: 2250VDC; line-to-line: 1450VDC
- Operating frequency: 50-60Hz

Use Circuit Diagram DD For quantities greater than listed, call for quote

	MOUSER STOCK NO.	Fig.	Inductance	Rated Current @ 250VAC	Dimensions (In.)			Price Each		
					H	L	W	1	25	50
**	562-864-03/1	G	8.0mH	3A	2.58	3.51	1.99	24.93	23.37	22.59
*	562-864-03/3	G	8.0mH	3A	2.58	3.51	1.99	24.93	23.37	22.59
**	562-864-06/5	G	2.5mH	6A	2.58	3.51	1.99	24.93	23.37	22.59
*	562-864-06/7	G	2.5mH	6A	2.58	3.51	1.99	24.93	23.37	22.59
**	562-864-10/9	G	1.6mH	10A	2.58	3.51	1.99	24.93	23.37	22.59
*	562-864-10/11	G	1.6mH	10A	2.58	3.51	1.99	24.93	23.37	22.59

* Single fuse model
** Double fuse model

Alligator Clips

DIMENSIONS (IN.)

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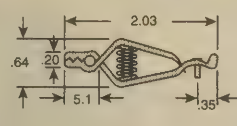

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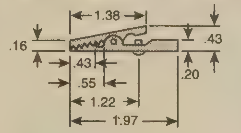

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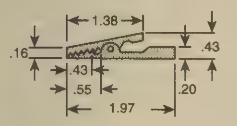

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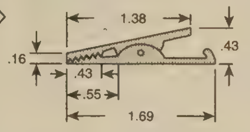

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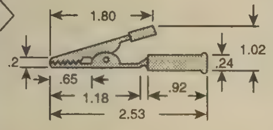

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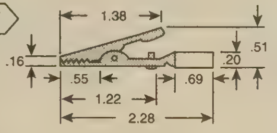

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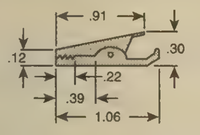

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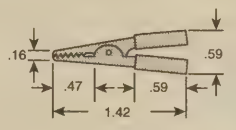

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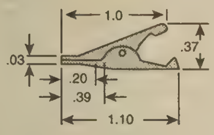

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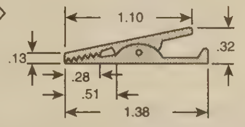

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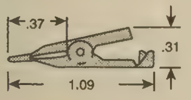

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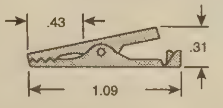

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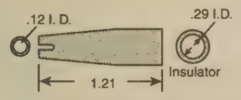

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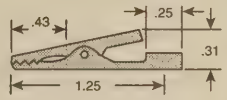

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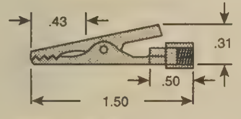

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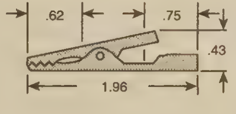

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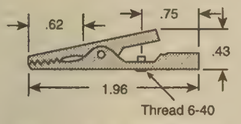

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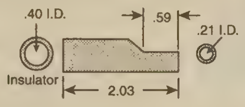

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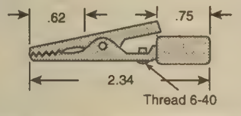

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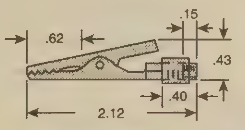

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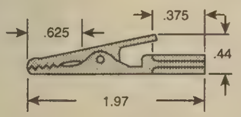

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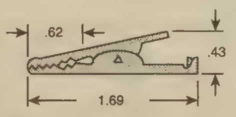

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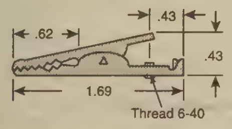

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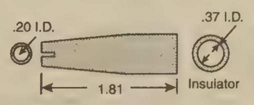

CLIPS

Battery Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mueller	Smith	Description	Price Each		
					1	100	500
13AC511	A	48R&49R	- - - -	Clip with red insulated boot	.83	.76	.69
13AC512	A	48B&49B	- - - -	Clip with black insulated boot	.83	.76	.69

Alligator Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mueller	Smith	Description	Price Each		
					1	100	500
13AC008	B	60S	- - - -	Clip/non-insulated screw terminal	.22	.21	.20
13AC009	C	60	300	Clip/non-insulated	.19	.17	.16
13AC140	D	- - - -	- - - -	Clip/non-insulated solder terminal	.27	.26	.25
13AC141	-	62R	331R	Red boot for clips above	.13	.12	.11
13AC142	-	62B	331B	Black boot for clips above	.13	.12	.11
13AC091	E	- - - -	- - - -	Clips with red insulated sleeve and tab	.43	.33	.31
13AC092	E	- - - -	- - - -	Clips with black insulated sleeve and tab	.43	.33	.31
13AC151	F	60HSR	351R	Clip with red insulated sleeve	.45	.38	.35
13AC152	F	60HSB	351B	Clip with black insulated sleeve	.45	.38	.35
13AC120	G	30	338	Test clip (non-insulated) solder term	.17	.16	.15
13AC121	-	32R	389R	Red insulating boot for 13AC120	.11	.10	.09
13AC122	-	32B	389B	Black insulated boot for 13AC120	.11	.10	.09
13AC123	-	32G	389G	Green insulated boot for 13AC120	.11	.10	.09
13AC124	-	32Y	389Y	Yellow insulated boot for 13AC120	.11	.10	.09
13AC161	H	- - - -	- - - -	Clip/red insulated. Tabs, solder terminal	.38	.34	.31
13AC162	H	- - - -	- - - -	Clip/black insulated. Tabs, solder terminal	.38	.34	.31
13AC170	I	34	- - - -	Test clip (non-insulated) solder terminal	.28	.22	.20
13AC171	-	36R	- - - -	Red insulated boot for 13AC170	.18	.16	.14
13AC172	-	36B	- - - -	Black insulated boot for 13AC170	.18	.16	.14
13AC130	J	- - - -	- - - -	Test clip (non-insulated) solder terminal	.32	.21	.20
13AC131	-	- - - -	- - - -	Red insulated boot for 13AC130	.11	.10	.09
13AC132	-	- - - -	- - - -	Black insulated boot for 13AC130	.11	.10	.09

MUELLER CLIPS

30 Series Miniature Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amps	Wire Attachment	Jaw Opening	Use With Insulator	Wire AWG	Plating	Price Each		
								1	100	500
548-34	K	5	Crimp/Solder	3/16	36	20-24	Nickel	.39	.37	.35
548-34-C	K	5	Crimp/Solder	3/16	36	20-24	Copper	.40	.38	.36
548-30	L	5	Crimp/Solder	3/16	32	20-24	Nickel	.20	.19	.18
548-30-C	L	5	Crimp/Solder	3/16	32	20-24	Solid Copper	.25	.24	.23
548-30-BL	N	5	Crimp/Solder	3/16	31	18-24	Nickel	.20	.19	.18
548-30-TBO	O	5	Threaded	3/16	31	20-24	Nickel	.40	.38	.36

30 Series Insulators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Description	Price Each		
				1	100	500
548-32-B	M	1.21	Black vinyl insulator for #30 series miniature clips	.15	.14	.13
548-32-R	M	1.21	Red vinyl insulator for #30 series miniature clips	.15	.14	.13

60 Series Alligator Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amps	Wire Attachment	Jaw Opening	Use With Insulator	Wire AWG	Plating	Price Each		
								1	100	500
548-60	P	10	Crimp/Solder/ Plug-on	5/16	62	14-20	Nickel	.26	.25	.23
548-60-S	Q	10	Crimp/Screw	5/16	62	14-20	Nickel	.31	.29	.28
548-60-CS	Q	10	Crimp/Screw	5/16	62	14-20	Solid Copper	.52	.49	.47
548-60-TBO	T	10	Threaded	5/16	62	14-20	Nickel	.46	.44	.41
548-60-PR2	U	10	Pin/Prod Tip	5/16	62	14-20	Nickel	.41	.39	.37

60 Series Insulated Alligator Clips

MOUSER STOCK NO.	Fig.	Amps	Wire Attachment	Jaw Opening	Handle Color	Plating	Price Each		
							1	100	500
548-60-HSB	S	10	Crimp/Screw	5/16	Black	Nickel	.62	.59	.56
548-60-HSR	S	10	Crimp/Screw	5/16	Red	Nickel	.62	.59	.56
548-60-CHSB	S	10	Crimp/Screw	5/16	Black	Solid Copper	.62	.59	.56
548-60-CHSR	S	10	Crimp/Screw	5/16	Red	Solid Copper	.62	.59	.56

60 Series Insulators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Description	Price Each		
				1	100	500
548-62-B	R	2.03	Black vinyl insulator for #60 series alligator clips	.15	.14	.13
548-62-R	R	2.03	Red vinyl insulator for #60 series alligator clips	.15	.14	.13

70 Series Alligator Clips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amps	Wire Attachment	Jaw Opening	Use With Insulator	Wire AWG	Plating	Price Each		
								1	100	500
548-70	V	5	Crimp/Solder	5/16	72	16-20	Nickel	.38	.36	.34
548-70-S	W	5	Crimp/Screw	5/16	72	16-20	Nickel	.35	.33	.32
548-70-CS	W	10	Crimp/Screw	5/16	72	16-20	Copper	.49	.47	.44

70 Series Insulators

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Description	Price Each		
				1	100	500
548-72-B	X	1.81	Black vinyl insulator for #70 series alligator clips	.25	.24	.23
548-72-R	X	1.81	Red vinyl insulator for #70 series alligator clips	.25	.24	.23

Test Clips, Leads, Tip Plugs, and Jacks

DIMENSIONS (IN.)

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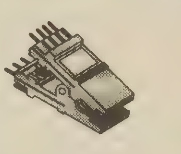

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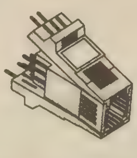

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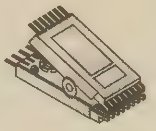

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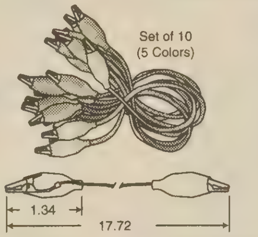

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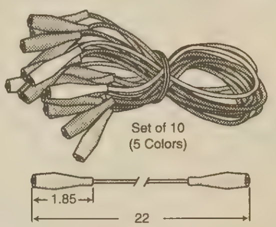

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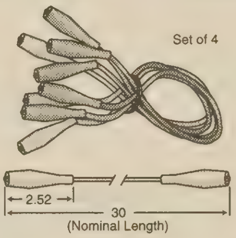

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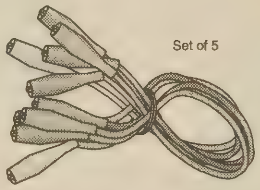

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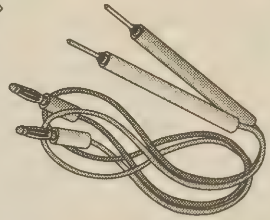

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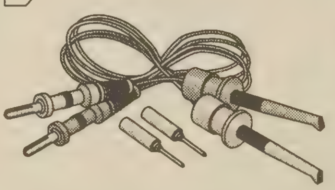

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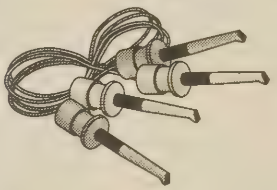

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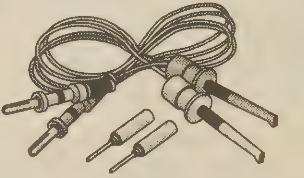

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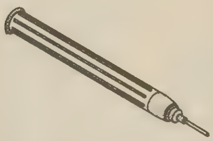

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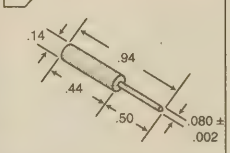

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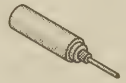

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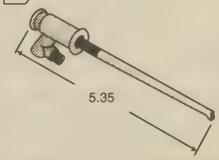

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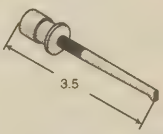

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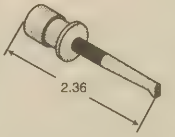

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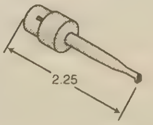

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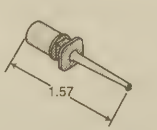

3M SOIC SURFACE MOUNT TEST CLIPS

- Allows testing of .025"sq. contact pins on .050" center devices
- UL 94V-0

MOUSER STOCK NO.	Fig.	No. of Pins	Description	Price Each			
				1	5	10	25
517-923660161	A	16	Wide grip .300" body SOIC test clip	9.44	9.14	8.83	8.53
517-923660181	A	18	Wide grip .300" body SOIC test clip	10.06	9.74	9.41	9.09
517-923660201	A	20	Wide grip .300" body SOIC test clip	10.17	9.84	9.51	9.18
517-923660241	A	24	Wide grip .300" body SOIC test clip	11.56	11.19	10.82	10.44
517-923660281	A	28	Wide grip .300" body SOIC test clip	12.48	12.08	11.67	11.27
517-923650081	A	8	Narrow grip .150" body SOIC test clip	8.59	8.31	8.03	7.76
517-923650141	A	14	Narrow grip .150" body SOIC test clip	8.71	8.43	8.15	7.87
517-923650161	A	16	Narrow grip .150" body SOIC test clip	9.01	8.72	8.42	8.13

3M PLCC SURFACE MOUNT TEST CLIPS

- Probe access points readily visible for fast and safe testing
- Allows testing of .050" center devices

517-923670201	B	20	Plastic leaded chip carrier test clip	25.64	24.81	23.98	23.16
517-923670281	B	28	Plastic leaded chip carrier test clip	27.34	26.46	25.58	24.70
517-923670441	B	44	Plastic leaded chip carrier test clip	35.56	34.22	33.07	31.93
517-923670681	B	68	Plastic leaded chip carrier test clip	41.06	39.74	38.41	37.09

(DIP) DUAL-IN-LINE PACKAGE

- Designed for testing dual-in-line IC's on PC boards
- Anti-shorting design

MOUSER STOCK NO.	Fig.	Description	Price Each
383-R14	C	14 pin DIP IC test clip	6.38
13IC416	C	16 pin DIP IC test clip	9.01
383-R16	C	16 pin DIP IC test clip	6.88
383-R24	C	24 pin DIP IC test clip	8.90
383-R40	C	40 pin DIP IC test clip	13.35

JUMPER TEST LEADS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Description	Price Each	
				1	10
13AC010	D	18	Miniature test leads, set of 10, 5 colors	6.28	5.23
13AC012	E	22	Standard test leads, set of 10, 5 colors	7.59	6.32
13TC900	F	30	Heavy duty, set of 4: red, green, yellow, blk	5.12	4.23
132-0910	F	30	Heavy duty, set of 4: 2 red, 2 black	5.45	4.54

MUELLER ALLIGATOR LEAD SETS

- 22 AWG wire
- Black-Green-Yellow-Red-White

548-285	D	18	Mini test clips, 10 clips, 5 colors	3.29	3.18
548-286	G	12	Heavy duty test clips, 5 clips, 5 colors	1.97	1.89
548-287	E	18	Standard test clips, 10 clips, 5 colors	3.93	3.81

TEST LEADS

For quantities greater than listed, call for quote.

13PN071	H	40	Test prod to banana plug, set of 2	5.20	4.34
13PN086	I	48	3 1/2" IC test clip to banana plug, set of 2	10.52	9.56
13TC081	J	24	IC test clip to IC test clip, set of 2	10.15	9.22
13TC084	K	48	2 1/4" IC test clip to banana plug with plug test tip adapter, set of 2	9.47	8.61

TIP PLUGS AND TEST PRODS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
17PR121	L	Test prod, solder, red plastic handle	1.23	1.03	.94
17PR122	L	Test prod, solder, black plastic handle	1.23	1.03	.94
534-1600	M	Tip plug, uninsulated	.21	.19	.16
171-0111	N	Pin plug, solder, red plastic handle	.64	.43	.38
171-0112	N	Pin plug, solder, black plastic handle	.64	.43	.38

IC TEST CLIPS

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Color	Description	Price Each	
				1	10
13IC321	O	Red	Test clips with banana jack or set screw termination	4.85	4.04
13IC322	O	Black		4.85	4.04
13IC331	P	Red	Ideal for testing miniature and subminiature equipment, do-it-yourself test clips provide ability to build your own leads	1.77	1.47
13IC332	P	Black		1.77	1.47
13IC305	Q	Red		1.49	1.24
13IC306	Q	Black		1.49	1.24
13IC301	R	Red		1.49	1.24
13IC302	R	Black		1.49	1.24
13IC307	S	Red	Subminiature test clips are useful for making rapid and reliable tests. Small size allows many test points at once, without clutter	1.15	.96
13IC308	S	Black		1.15	.96
13IC309	S	Blue		1.15	.96
13IC310	S	Green		1.15	.96
13IC311	S	Yellow		1.15	.96

Pomona Test Clips and Accessories

BNC CABLE WITH MOLDED STRAIN RELIEF

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Length (In.)	Price Each	
				1	25
565-2249-12	A	BNC male to BNC male 50Ω RG58C/U	12	11.75	11.16
565-2249-24	A	BNC male to BNC male 50Ω RG58C/U	24	11.75	11.16
565-2249-36	A	BNC male to BNC male 50Ω RG58C/U	36	11.75	11.16
565-2249-48	A	BNC male to BNC male 50Ω RG58C/U	48	14.65	13.92
565-2249-60	A	BNC male to BNC male 50Ω RG58C/U	60	14.65	13.92

MOLDED BREAKOUTS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Wire AWG	Price Each		
				1	25	50
565-4969	B	BNC female to 20AWG leads	20	5.55	5.27	5.00
565-2631	C	BNC female to mini alligator clips	20	8.50	8.08	7.65
565-3788	D	BNC female to Minigrabber® test clips	20	8.20	7.79	7.38
565-3221	E	BNC female to stacking pin tip plugs	20	9.15	8.69	8.24
565-3073	F	BNC female to stacking banana plugs	18	7.90	7.51	7.11

TEST LEADS

• Current rating: 5A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Color	Length (In.)	Price Each		
					1	25	50
565-4723-0	G	Minigrabber® test clip with banana jack	Black	-	4.10	3.98	3.90
565-4723-2	G	Minigrabber® test clip with banana jack	Red	-	4.10	3.98	3.90
565-3781-12-0	H	Minigrabber® test clip each end	Black	12	3.40	3.23	3.06
565-3781-12-2	H	Minigrabber® test clip each end	Red	12	3.40	3.23	3.06
565-3781-24-0	H	Minigrabber® test clip each end	Black	24	3.40	3.23	3.06
565-3781-24-2	H	Minigrabber® test clip each end	Red	24	3.40	3.23	3.06
565-3781-36-0	H	Minigrabber® test clip each end	Black	36	3.40	3.23	3.06
565-3781-36-2	H	Minigrabber® test clip each end	Red	36	3.40	3.23	3.06
565-3782-24-0	I	Minigrabber® test clip to stacking ban. plug	Black	24	3.40	3.23	3.06
565-3782-24-2	I	Minigrabber® test clip to stacking ban. plug	Red	24	3.40	3.23	3.06
565-3782-36-0	I	Minigrabber® test clip to stacking ban. plug	Black	36	3.40	3.23	3.06
565-3782-36-2	I	Minigrabber® test clip to stacking ban. plug	Red	36	3.40	3.23	3.06
565-3782-48-0	I	Minigrabber® test clip to stacking ban. plug	Black	48	3.70	3.52	3.33
565-3782-48-2	I	Minigrabber® test clip to stacking ban. plug	Red	48	3.70	3.52	3.33
565-B12-0	J	Stacking standard banana plug each end	Black	12	3.70	3.52	3.33
565-B12-2	J	Stacking standard banana plug each end	Red	12	3.70	3.52	3.33
565-B18-0	J	Stacking standard banana plug each end	Black	18	3.70	3.52	3.33
565-B18-2	J	Stacking standard banana plug each end	Red	18	3.70	3.52	3.33
565-B24-0	J	Stacking standard banana plug each end	Black	24	3.70	3.52	3.33
565-B24-2	J	Stacking standard banana plug each end	Red	24	3.70	3.52	3.33
565-B36-0	J	Stacking standard banana plug each end	Black	36	3.70	3.52	3.33
565-B36-2	J	Stacking standard banana plug each end	Red	36	3.70	3.52	3.33
565-B48-0	J	Stacking standard banana plug each end	Black	48	4.10	3.90	3.69
565-B48-2	J	Stacking standard banana plug each end	Red	48	4.10	3.90	3.69
565-5187-C-36	K	Minigrabber® test clips to BNC male	Red/black	36	14.50	13.78	13.05

MINIGRABBER® TEST CLIP PATCH CORD KIT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	25	50
565-5523	H	**Kit contains:** 10 pcs. of Mouser Stock No. 565-3781-24. One each of black, brown, red, orange, yellow, green, blue, violet, gray, and white	30.15	29.30	28.64

DOUBLE BANANA CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Insulation	Price Each		
				1	25	50
565-2269-0	L	Double banana jack	Polycarbonate, black	2.50	2.38	2.25
565-1269	M	BNC female to double banana plug	ABS, black	5.80	5.51	5.22
565-1270	N	BNC male to double banana plug	ABS, black	9.05	8.60	8.15

DOUBLE BINDING POSTS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Mounting Base	Price Each		
				1	25	50
565-4243-0	O	Red and black posts	Black	4.85	4.61	4.37
565-4243-2	O	Red and black posts	Red	4.85	4.61	4.37
565-1296	P	Red and black posts to BNC male	Black	10.75	10.21	9.68
565-1452	Q	Red and black posts to BNC female	Black	9.05	8.60	8.15

TEST LEAD HOLDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Color	Max. Cable Dia. (In.)	Price Each		
					1	25	50
565-1508	R	Test lead holder	Orange	.210	5.85	5.56	5.27
565-2708	R	Test lead holder	Blue	.450	5.85	5.56	5.27
565-4408	R	Test lead holder	Black	.320	5.85	5.56	5.27

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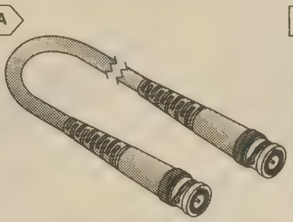

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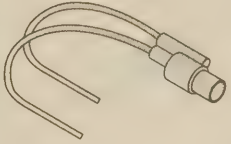

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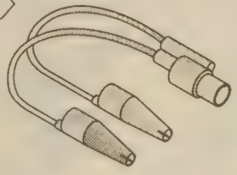

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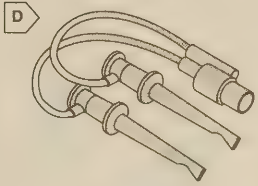

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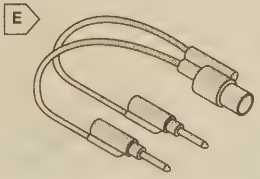

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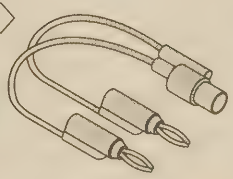

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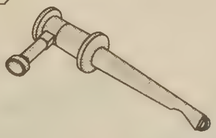

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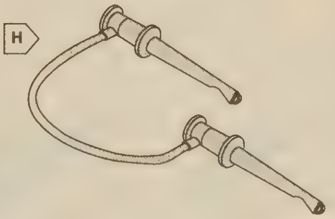

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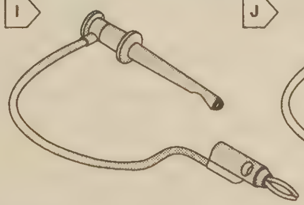

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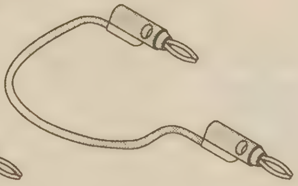

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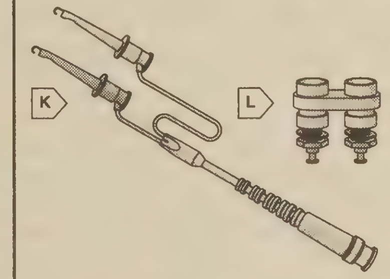

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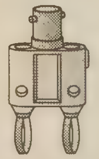

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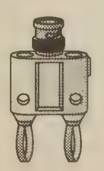

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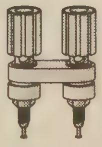

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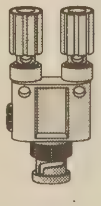

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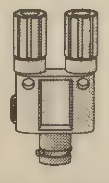

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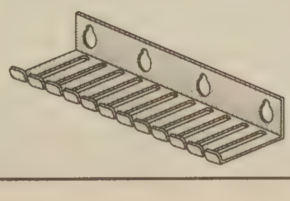

Cable Assemblies and Adapters

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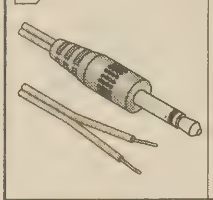
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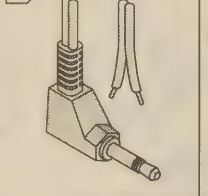
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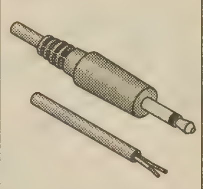
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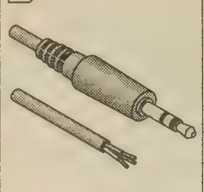
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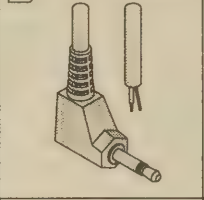
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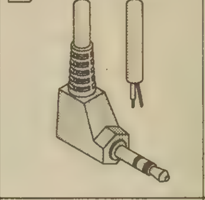
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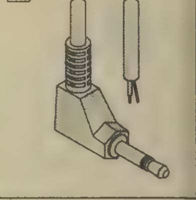

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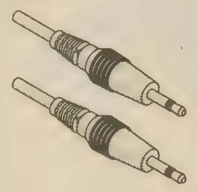
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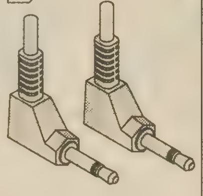
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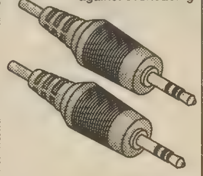
Patch cord for dubbing; built-in resistors protect against overloading
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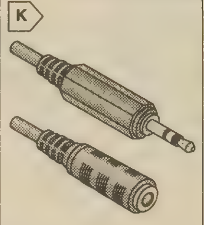
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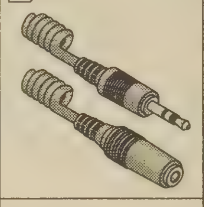
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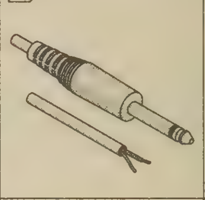
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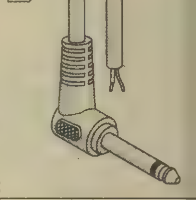

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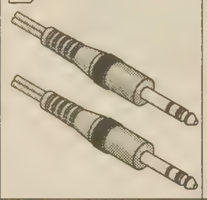
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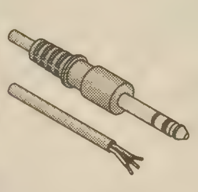
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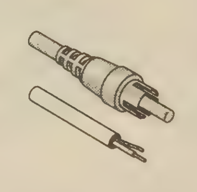
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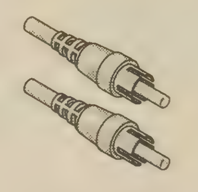
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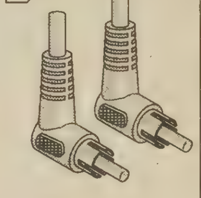
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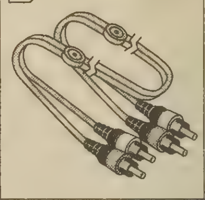
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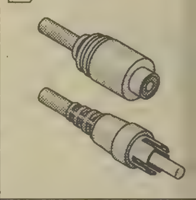

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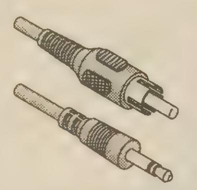
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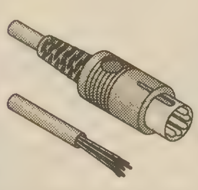
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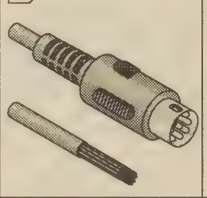
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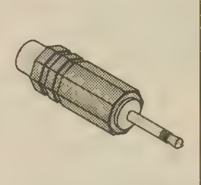
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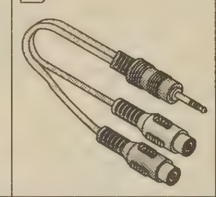
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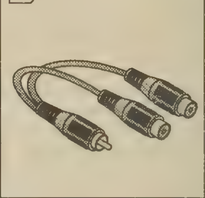
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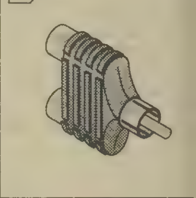


PHONE TYPE CABLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (In.)	Color	Termination	Termination	Price Each		
						1	10	100
2.5mm Connector, Parallel Cable								
172-2103	A	72	Black	Mono plug	Stripped and tinned	1.32	1.10	.99
17RC021	A	72	Gray	Mono plug	Stripped and tinned	1.48	1.23	1.12
172-2003	B	72	Gray	Mono, 90° plug	Stripped and tinned	1.29	1.09	1.00
2.5mm Connector, Shielded Cable								
172-2104	C	72	Black	Mono plug	Stripped and tinned	1.79	1.51	1.38
17RC012	C	72	Gray	Mono plug	Stripped and tinned	2.08	1.73	1.57
172-2204	D	72	Black	Stereo plug	Stripped and tinned	2.97	2.47	2.25
172-2304	D	72	Gray	Stereo plug	Stripped and tinned	2.97	2.47	2.25
172-2004	E	72	Gray	Mono, 90° plug	Stripped and tinned	1.59	1.35	1.22
172-2009	E	36	Black	Mono, 90° plug	Stripped and tinned	1.29	1.17	1.07
172-2010	F	72	Black	Stereo, 90° plug	Stripped and tinned	3.96	3.30	3.00
3.5mm Connector, Parallel Cable								
17FH128	A	72	Black	Mono plug	Stripped and tinned	.82	.68	.63
17RC028	A	72	Gray	Mono plug	Stripped and tinned	1.49	1.24	1.13
172-2005	B	72	Gray	Mono, 90° plug	Stripped and tinned	1.29	1.08	.98
3.5mm Connector, Shielded Cable								
17RC009	C	72	Gray	Mono plug	Stripped and tinned	2.08	1.73	1.57
172-2106	C	72	Black	Mono plug	Stripped and tinned	1.63	1.37	1.25
172-2206	D	72	Black	Stereo plug	Stripped and tinned	2.74	2.29	2.08
172-2306	D	72	Gray	Stereo plug	Stripped and tinned	2.74	2.29	2.08
172-2011	F	72	Black	Stereo plug	Stripped and tinned	3.72	3.09	2.84
172-2006	G	72	Gray	Mono, 90° plug	Stripped and tinned	1.59	1.35	1.22
171-3536	H	36	Gray	Mono plug	Mono plug	2.24	1.86	1.69
17RC029	H	60	Gray	Mono plug	Mono plug	2.41	2.01	1.83
172-2107	H	60	Black	Mono plug	Mono plug	1.99	1.66	1.37
17RC006	H	72	Gray	Mono plug	Mono plug	2.49	2.07	1.89
172-2007	I	60	Gray	Mono, 90° plug	Mono plug	1.89	1.60	1.46
172-2008	I	72	Gray	Mono, 90° plug	Mono plug	1.99	1.68	1.56
172-3504	J	72	Black	Stereo plug	Stereo plug	4.39	3.72	3.38
172-3535	K	120	Black	Stereo plug	Stereo jack	3.29	2.96	2.63
3.5mm Connector, Coiled Cable								
556-RC15	L	180	Black	Stereo plug	Stereo jack	3.99	3.59	3.19
1/4" Connector, Shielded Cable								
17RC010	M	72	Gray	Mono plug	Stripped and tinned	2.49	2.07	1.89
172-3101	M	72	Black	Mono plug	Stripped and tinned	2.23	1.86	1.69
172-3001	N	72	Gray	Mono, 90° plug	Stripped and tinned	1.99	1.68	1.53
172-0001	O	72	Black	Stereo plug	Stereo plug	3.60	3.00	2.73
1/4" Connector, Unshielded Cable								
17RC008	P	72	Black	Stereo plug	Stripped and tinned	3.83	3.19	2.90

RCA PHONO TYPE CABLES

Shielded Cable

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	L (In.)	Color	Termination	Termination	Price Each		
						1	10	100
172-1103	Q	72	Black	RCA plug	Stripped and tinned	1.63	1.41	1.28
17FH101	R	36	Gray	RCA plug	RCA plug	1.15	.96	.87
17FH105	R	60	Gray	RCA plug	RCA plug	1.31	1.08	.98
17RC001	R	36	Gray	RCA plug	RCA plug	1.93	1.61	1.46
172-1101	R	36	Black	RCA plug	RCA plug	1.62	1.30	1.18
17RC005	R	60	Gray	RCA plug	RCA plug	2.26	1.90	1.72
172-1102	R	72	Gray	RCA plug	RCA plug	2.26	1.90	1.72
17RC004	R	120	Gray	RCA plug	RCA plug	3.22	2.69	2.44
172-1001	S	36	Gray	Rt. angle RCA plug	RCA plug	1.39	1.26	1.15
172-1002	S	60	Gray	Rt. angle RCA plug	RCA plug	1.59	1.35	1.22
172-0004	T	72	Black	1red/1blk RCA plug	1red/1blk RCA plug	3.96	3.30	3.00
17RC002	U	72	Black	RCA plug	RCA jack	2.96	2.47	2.24
17RC003	U	120	Gray	RCA plug	RCA jack	3.37	2.81	2.56
172-0002	V	72	Black	RCA plug	3.5mm mono plug	1.76	1.47	1.34

DIN TYPE CABLES

MOUSER STOCK NO.	Fig.	L (In.)	Color	Description	Price Each		
					1	10	100
17RC007	W	72	Black	5 pin DIN plug to stripped and tinned	7.74	6.44	5.86
172-0008	X	72	Black	8 pin DIN plug to 24 AWG stripped and tinned leads shielded cable	5.35	4.46	4.06

ADAPTERS

MOUSER STOCK NO.	Fig.	Description	Price Each
17AP156	Y	Hi-rel adapter, 3.5mm mono plug to RCA phono jack, plastic handle	2.10
172-0003	Z	5" black shielded cable, 2 RCA jacks to 3.5mm stereo plug	2.08

PHONO Y-ADAPTERS

Specifications:

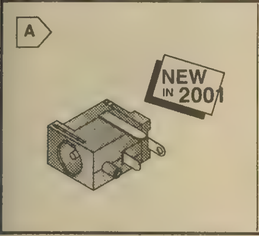
- Body material: PVC plastic
- Contact material: nickel plated brass
- Insulation material: ABS plastic
- Insulation resistance: 100MΩ min.
- Contact resistance: 30mΩ max.
- Breakdown voltage: 500VAC 1 min.

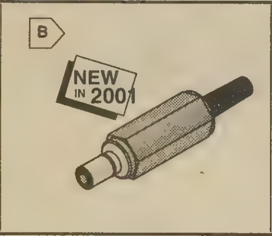
556-4010	AA	Standard black RCA plug to 2 RCA jacks, 1 red and 1 white	1.15
161-4200	BB	Phono adapter 1 plug to 2 jacks	2.72

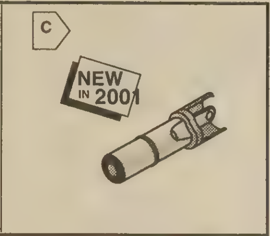
DGS PRO-AUDIO

Cable Assemblies and Auto Power Connectors

LOCKABLE DC JACKS AND PLUGS





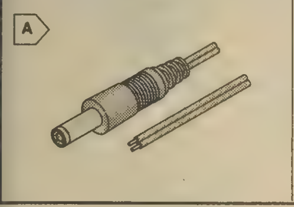


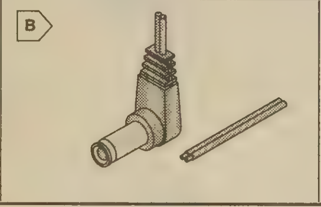
Features:

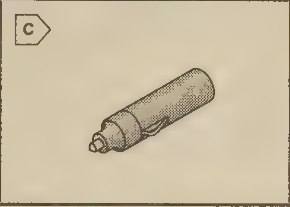
- Lockable
- 1/4 turn locking detent

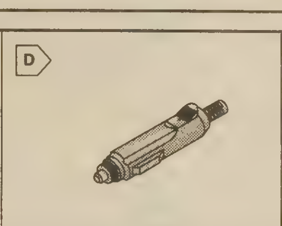
For quantities greater than listed, call for quote.

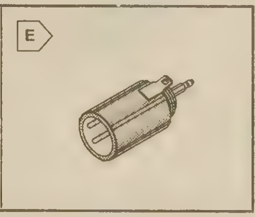
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
161-0721	A	2.1mm jack w/nc switch	.74	.57	.52	.47
161-0725	A	2.5mm jack w/nc switch	.74	.57	.52	.47
171-0721	B	2.1mm plug w/strain relief	1.33	.99	.93	.85
171-0725	B	2.5mm plug w/strain relief	1.33	.99	.93	.85
171-0722	C	2.1mm for molding	.58	.38	.35	.32
171-0726	C	2.5mm for molding	.58	.38	.35	.32











DC POWER CABLES

* Dentent Locking Plugs
† Blunt Cut

For quantities greater than listed, call for quote.

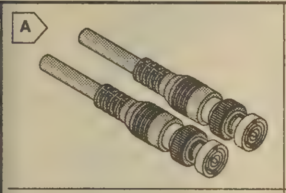
MOUSER STOCK NO.	Fig.	Color	Length (In.)	AWG	Plug Dimensions (mm)			Price Each		
					I.D.	O.D.	Length	1	10	100
High Reliability • Cord type. parallel with striped pin indicator										
172-1372	A	Gray	72	24	1.3	3.4	9	1.87	1.56	1.41
172-0015	A	Gray	72	24	2.1	5.5	11	1.26	1.05	.98
172-4101	A	Black	72	24	2.1	5.5	11	1.26	1.05	.98
17FH114	A	Black	72	24	2.5	5.5	12	.79	.62	.56
17RC014	A	Gray	72	24	2.5	5.5	11	1.58	1.32	1.20
172-4201	A	Black	72	18	2.5	5.5	12	1.77	1.36	1.24
172-4202	A	Black	24	18	2.5	5.5	12	1.14	1.04	.95
Right Angle										
172-1373	B	Black	120	24	1.3	3.4	9	1.82	1.52	1.39
172-1015	B	Black	120	24	2.1	5.5	14	1.79	1.49	1.35
172-4001	B	Gray	72	24	2.1	5.5	11	1.29	1.09	1.00
172-1016	B	Black	6	24	2.1	5.5	14	1.32	1.20	1.09

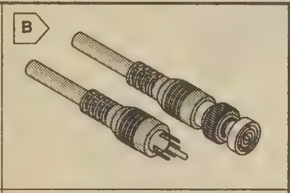
AUTO POWER PLUGS AND RECEPTACLE

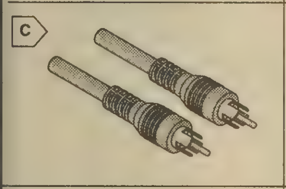
- 12VDC, plugs directly into standard cigarette lighter

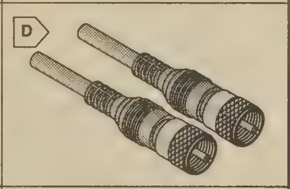
For quantities greater than listed, call for quote.

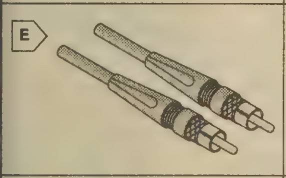
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
Plugs					
171-6001	C	Standard black plastic, unscrews for easy soldering	.83	.63	.57
171-0129	C	Plug with solder tab, black	1.23	1.03	.94
171-3400	D	Plug with fuse and green LED indicator	2.49	2.25	2.05
Receptacle					
161-2050	E	12VDC receptacle	2.96	2.47	2.24

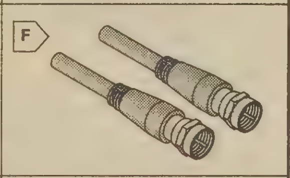


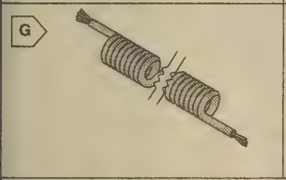


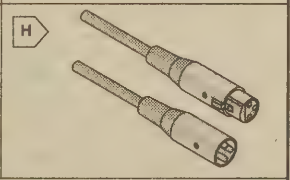


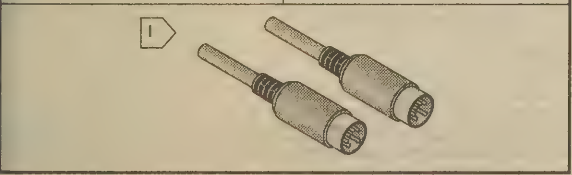












50 OHM SHIELDED RF CABLE ASSEMBLIES

All cable assemblies feature a molded strain relief that combines the cable and the nickel plated brass connectors into a single unified assembly minimizing failure due to bending and flexing.

Features:

- Low noise interference
- Weather resistant
- Flexible
- Molded strain relief
- Excellent impedance characteristics

Specifications:

- Cable type: RG 58C/U
- Impedance: 50Ω
- Insulation: polyethylene
- Shielding: tinned copper, 96% coverage

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Color	Description	Price Each		
					1	10	100
172-2012	A	12	Black	BNC plug to BNC plug	3.61	2.98	2.73
172-2024	A	24	Black	BNC plug to BNC plug	3.84	3.17	2.90
172-2048	A	48	Black	BNC plug to BNC plug	4.49	3.71	3.40
172-2150	A	72	Black	BNC plug to BNC plug	6.59	5.48	4.98
172-2151	B	72	Black	BNC plug to RCA plug	4.99	4.21	3.83
172-2152	C	72	Black	RCA plug to RCA plug	3.29	2.72	2.48
172-2153	D	72	Black	PL-259 (UHF) to PL-259 (UHF)	7.39	6.17	5.61

75 OHM SHIELDED RF CABLE ASSEMBLIES

These 75Ω coaxial cables offer low noise connections due to their shielded construction. Cables are securely attached to plugs and most are supplied with strain reliefs.

Specifications:

- Impedance: 75Ω
- Tinned copper braid shield

For quantities greater than listed, call for quote.

BNC - BNC							
172-6650	A	72	Black	Standard BNC plug to BNC plug	7.10	5.92	5.38
172-2129	A	72	Black	Hi-rel BNC plug to BNC plug	10.10	9.19	8.36
BNC/RCA Type							
172-6670	B	72	Black	Standard BNC plug to RCA plug	5.17	4.31	3.92
172-2130	B	72	Black	Hi-rel BNC plug to RCA plug	7.69	6.41	5.82
172-2101	E	72	Black	Hi-rel RCA plug to RCA plug	6.27	5.23	4.75
F Type							
172-6690	F	72	Black	F to F screw-on	3.67	3.08	2.77

MULTICONDUCTOR AUDIO CABLES

For quantities greater than listed, call for quote.

556-TEC60	G	20	Black	Coiled 1 shielded, 2 unshielded cond. Extends to 5 ft.	3.20	2.88	2.56
556-TEC70	G	30	Black	Coiled 1 shielded, 2 unshielded cond. Extends to 10 ft.	4.80	4.32	3.84
556-TEC80	G	24	Black	Coiled 1 shielded, 4 unshielded cond. Extends to 5 ft.	3.49	3.14	2.79
556-MCA160	H	240	Black	Switchcraft A3F to A3M, 2 cond. Shielded, push-button lock, for balanced line microphones	15.20	13.68	12.16

S-VHS VIDEO CABLES

For quantities greater than listed, call for quote.

524-32-3165	I	72	Black	4 pin s-connector plug to 4-pin s-connector plug	4.47	4.02	3.89
524-32-3166	I	144	Black	4 pin s-connector plug to 4-pin s-connector plug	8.74	7.15	5.74

Johnson Components

Banana, Tip Plugs/Jacks, and Binding Posts

DIMENSIONS (IN.)

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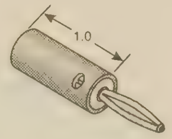

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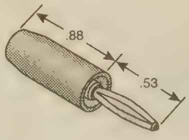

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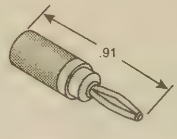

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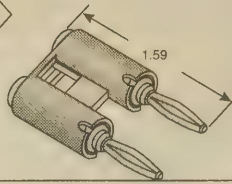

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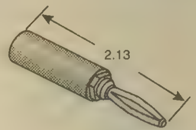

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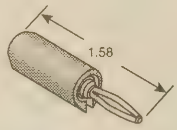

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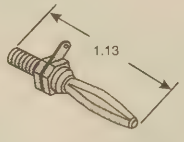

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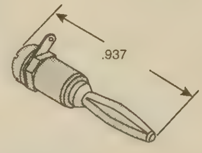

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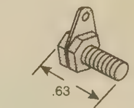

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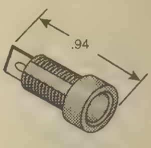

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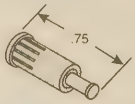

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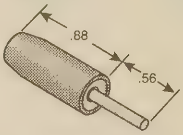

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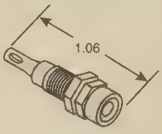

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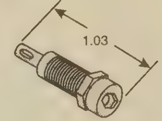

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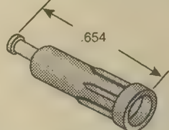

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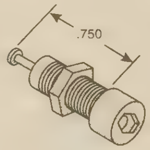

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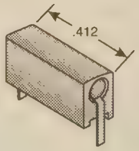

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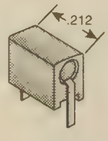

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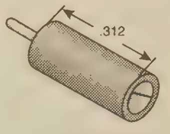

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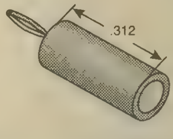

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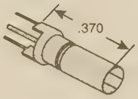

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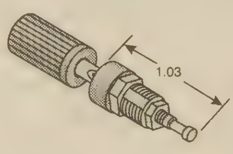

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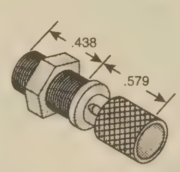

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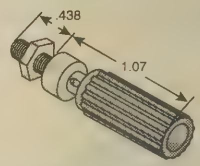

BANANA PLUGS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	100
530-108-1702-101	A	Insulated solderless, red	1.43	1.14	1.10	.88
530-108-1703-101	A	Insulated solderless, black	1.43	1.14	1.10	.88
530-108-0302-1	B	Insulated solderless, red	.88	.78	.68	.62
530-108-0303-1	B	Insulated solderless, black	.88	.78	.68	.62
530-108-0301-1	B	Insulated solderless, white	.88	.78	.68	.62
530-108-0304-1	B	Insulated solderless, green	.88	.78	.68	.62
530-108-1002-1	C	Miniature insulated solder type, red	1.30	1.16	1.01	.92
530-108-1003-1	C	Miniature insulated solder type, black	1.30	1.16	1.01	.92
530-108-0252-1	D	Insulated stacking dual type, red	4.84	4.12	3.63	3.30
530-108-0253-1	D	Insulated stacking dual type, black	4.84	4.12	3.63	3.30
530-108-0752-1	E	Insulated hex body solder type, black	1.52	1.22	1.17	1.02
530-108-0752-2	E	Insulated hex body solder type, red	1.52	1.22	1.17	1.02
530-108-1082-1	F	Insulated stacking single type, red	1.47	1.30	1.13	1.03
530-108-1083-1	F	Insulated stacking singlet type, black	1.47	1.30	1.13	1.03
530-108-0750-1	G	Uninsluated panel mount, threaded stud	1.11	.99	.86	.78
530-108-0753-1	H	Uninsulated panel mount screw type	.95	.85	.74	.67

BANANA JACKS

For quantities greater than listed, call for quote.

530-108-0740-1	I	Uninsluated standard type, nickel-plated	1.40	.92	.80	.73
530-108-0902-1	J	Insulated solder terminal, red	.42	.37	.32	.29
530-108-0903-1	J	Insulated solder terminal, black	.42	.37	.32	.29
530-108-0901-1	J	Insulated solder terminal, white	.42	.37	.32	.29
530-108-0910-1	J	Insulated solder terminal, blue	.42	.37	.32	.29
530-108-0907-1	J	Insulated solder terminal, yellow	.42	.37	.32	.29
530-108-0904-1	J	Insulated solder terminal, green	.42	.37	.32	.29
530-108-1102-1	K	Miniature insulated turret terminal, red	.61	.49	.47	.41
530-108-1103-1	K	Miniature insulated turret terminal, black	.61	.49	.47	.41

TIP PLUGS

For quantities greater than listed, call for quote.

530-105-0302-1	L	Insulated solderless, red	.65	.58	.51	.46
530-105-0303-1	L	Insulated solderless, black	.65	.58	.51	.46

TIP JACKS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	100
530-105-0252-1	M	Insulated metal clad standard type, red	.91	.77	.68	.62
530-105-0253-1	M	Insulated metal clad standard type, black	.91	.77	.68	.62
530-105-0802-1	N	Insulated standard type, red	.63	.48	.46	.43
530-105-0803-1	N	Insulated standard type, black	.63	.48	.46	.43
530-105-1042-1	O	Insulated turret terminal, red	.90	.80	.77	.67
530-105-1043-1	O	Insulated turret terminal, black	.90	.80	.77	.67
530-105-0602-1	P	Insulated turret terminal, red	.95	.84	.74	.67
530-105-0603-1	P	Insulated turret terminal, black	.95	.84	.74	.67

TEST JACKS

For quantities greater than listed, call for quote.

530-105-0751-1	Q	Insulated standard horizontal, white	.32	.29	.25	.23
530-105-0752-1	Q	Insulated standard horizontal, red	.32	.29	.25	.23
530-105-0753-1	Q	Insulated standard horizontal, black	.32	.29	.25	.23
530-105-0754-1	Q	Insulated standard horizontal, green	.32	.29	.25	.23
530-105-0757-1	Q	Insulated standard horizontal, yellow	.32	.29	.25	.23
530-105-1101-1	R	Insulated miniature horizontal, white	.36	.32	.31	.27
530-105-1102-1	R	Insulated miniature horizontal, red	.36	.32	.31	.27
530-105-1103-1	R	Insulated miniature horizontal, black	.36	.32	.31	.27
530-105-0851-1	S	Insulated machined contact, white	.51	.46	.44	.38
530-105-0852-1	S	Insulated machined contact, red	.51	.46	.44	.38
530-105-0853-1	S	Insulated machined contact, black	.51	.46	.44	.38
530-105-2201-1	T	Insulated formed contact, white	.48	.43	.41	.36
530-105-2202-1	T	Insulated formed contact, red	.48	.43	.41	.36
530-105-2203-1	T	Insulated formed contact, black	.48	.43	.41	.36
530-129-0701-1	U	Shielded vertical, tin-plated	3.69	3.28	2.93	2.59

BINDING POSTS

For quantities greater than listed, call for quote

530-111-0102-1	V	Insulated standard type, red	1.54	1.37	1.19	1.08
530-111-0103-1	V	Insulated standard type, black	1.54	1.37	1.19	1.08
530-111-2223-001	W	Grounded type, nickel-plated	1.92	1.71	1.49	1.35
530-111-0702-001	X	Insulated grounded type, red	1.71	1.55	1.36	1.23
530-111-0703-001	X	Insulated grounded type, black	1.71	1.55	1.36	1.23

Banana Plugs/Jacks and Binding Posts

DIMENSIONS (IN.)

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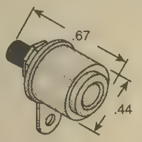

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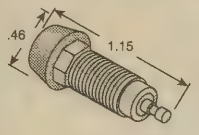

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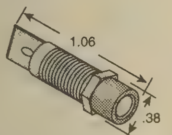

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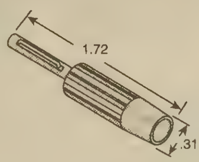

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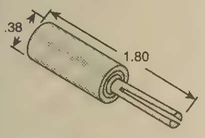

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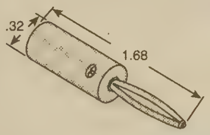

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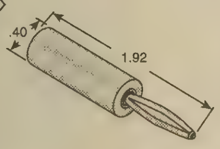

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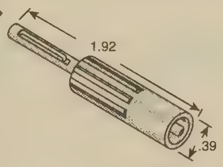

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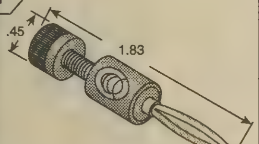

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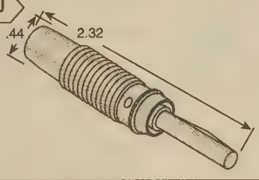

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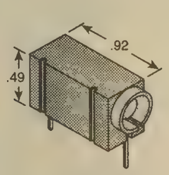

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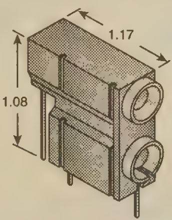

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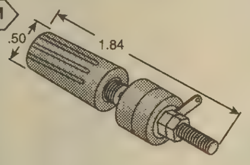

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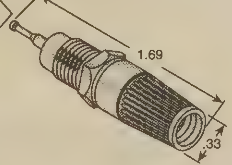

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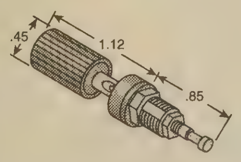


STANDARD BANANA JACKS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
16BJ381	A	Banana, chassis mount, red	.74	.57	.52	.47
16BJ382	A	Banana, chassis mount, black	.74	.57	.52	.47

HI-REL BANANA JACKS

- Positive action connection

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
164-6216	B	Banana jack, black	.63	.49	.45	.40
164-6217	B	Banana jack, red	.63	.49	.45	.40
164-405B	C	Banana jack, black	1.24	.95	.87	.79

HI-REL BANANA PLUGS

These high reliability banana plugs fit all standard banana jacks and are interchangeable with all standard banana plugs. These plugs are available in a variety of styles and sizes to meet all kinds of industrial, OEM, and consumer applications.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
17HR549	D	Red plastic insulator, mates with 164-6217	.69	.53	.48	.44
17HR550	D	Black plastic insulator, mates with 164-6216	.69	.53	.48	.44
17HR556	D	Clear plastic, fused banana plug accepts midget fuses (5mm x 20mm) mates with 164-6216 or 6217	1.31	1.05	.98	.87
174-444R	E	Insulated slotted plug, red	1.14	.88	.80	.72
174-444B	E	Insulated slotted plug, black	1.14	.88	.80	.72
174-446R	F	Riveted spring w/screw plug, red	1.09	.84	.76	.69
171-5462	G	Insulated, soft spring plug, red	.76	.58	.53	.48
171-5461	G	Insulated, soft spring plug, black	.76	.58	.53	.48
174-5791	H	4mm nickel plated, accepts up to 7.1mm cable diameter, black	1.15	1.05	.96	.87
174-5795	H	4mm nickel plated, accepts up to 7.1mm cable diameter, red	1.15	1.05	.96	.87
174-5761	I	4mm gold plated, accepts up to 7.5mm cable diameter, black	4.95	4.49	4.08	3.71
174-5765	I	4mm gold plated, accepts up to 7.5mm cable diameter,red	4.95	4.49	4.08	3.71
174-449R	J	Inserted spring with .16" hole plug, red	2.10	1.75	1.59	1.45
174-449B	J	Inserted spring with .16" hole plug, black	2.10	1.75	1.59	1.45

PCB INSULATED BANANA PLUG SOCKETS

These new sockets mount directly onto printed circuit boards and accept standard banana plugs. They incorporate alignment grooves in the outer housing which allows close mounting. A double height socket permits two test or feed points to be mounted to a PCB. Both single and double sockets are constructed of durable acetal plastic and are rated at 10 amps. Available in red or black.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
164-6218	K	Single printed circuit board socket, black	1.19	.90	.83	.75
164-6219	K	Single printed circuit board socket, red	1.19	.90	.83	.75
† 164-6220	L	Double printed circuit board socket, black	1.49	1.25	1.14	1.04
† 164-6221	L	Double printed circuit board socket, red	1.49	1.25	1.14	1.04

† For use with single banana plugs only. Dual banana plugs will not fit.

INSULATED BINDING POSTS

This binding post is molded of rigid acetal plastic and is available in six colors. Accepts standard banana plugs. Threaded termination complete with two nickel plated nuts and a solder terminal.

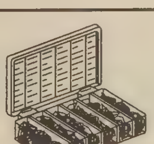
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Rated		Price Each			
			(V)	(A)	1	10	100	500
164-4201	M	Insulated hi-rel binding post, black	1000	30	1.29	1.12	1.08	.98
164-4205	M	Insulated hi-rel binding post, red	1000	30	1.29	1.12	1.08	.98
164-4202	M	Insulated hi-rel binding post, blue	1000	30	1.29	1.12	1.08	.98
164-4204	M	Insulated hi-rel binding post, green	1000	30	1.29	1.12	1.08	.98
164-4206	M	Insulated hi-rel binding post, white	1000	30	1.29	1.12	1.08	.98
164-4207	M	Insulated hi-rel binding post, yellow	1000	30	1.29	1.12	1.08	.98
164-5230	M	Insulated hi-rel binding post, brown	1000	30	1.29	1.12	1.08	.98
* 164-3201	N	Insulated hi-rel binding post, black	125	10	1.17	.98	.89	.81
* 164-3205	N	Insulated hi-rel binding post, red	125	10	1.17	.98	.89	.81
* 164-11102	O	Insulated hi-rel binding post, red	125	10	1.56	1.30	1.18	1.07
* 164-11103	O	Insulated hi-rel binding post, black	125	10	1.56	1.30	1.18	1.07

* Has single nut and washer.

INDING POST KIT

uality binding posts made of sturdy acetal polymers in six different colors to enhance your next project.



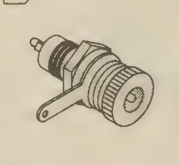
eatures:

- Rated 1000VRMS, 30A
- Accepts standard banana plugs
- Horizontal shaft in post accepts pin plugs, as well as up to 12 AWG wire
- Colors: 10 each of black and red
  5 each of blue, green, white, and yellow

MOUSER STOCK NO.	Price Each
370-164-1	49.95

DGS PRO-AUDIO

DC Power Jacks and Plugs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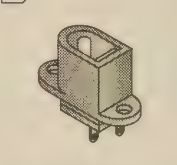
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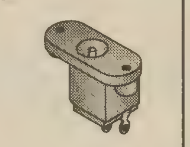
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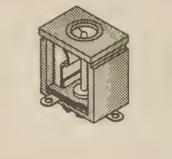
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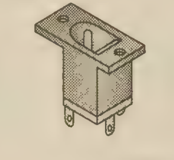
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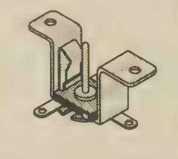
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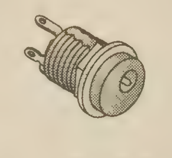
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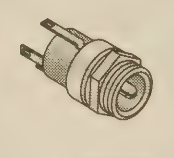
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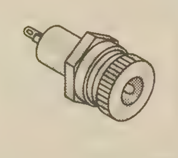
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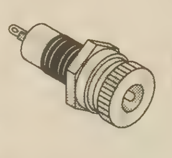
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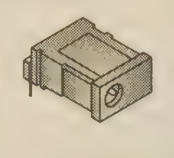
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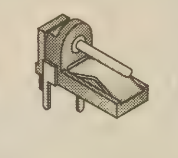
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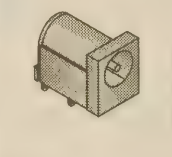
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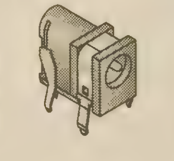
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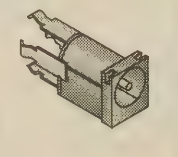
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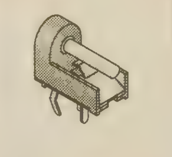
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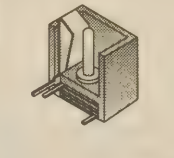
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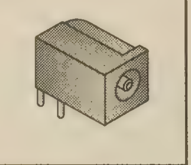
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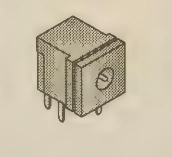
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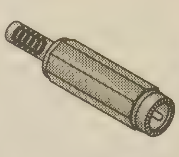
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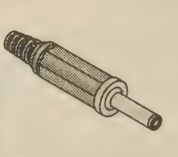
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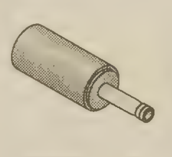
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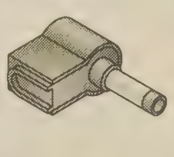
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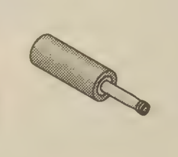
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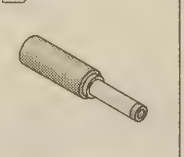
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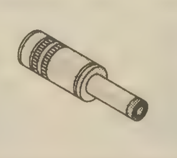
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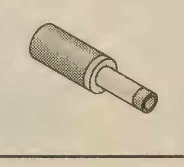

AA

DC POWER JACKS

Most feature phosphor bronze springs, brass pins, and terminals.

Chassis/Panel Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Mating Plg. O.D. (mm)	Center Pin		Price Each		
				D (mm)	L (mm)	1	10	100
163-4013	A	1.3mm, all metal housing	3.5mm	1.2	5.0	2.35	1.96	1.78
16PJ723	B	2.1mm, molded, economy with NC switch	5.5mm	2.0	7.2	.50	.33	.30
16PJ222	B	2.1mm, molded, standard with NC switch	5.5mm	2.0	7.2	.74	.57	.52
163-5006	C	2.1mm, molded with NC switch	5.5mm	2.0	8.0	.99	.77	.70
163-2101	D	2.1mm, open plastic frame with NC switch	5.5mm	2.0	8.3	1.05	.81	.73
163-4300	E	2.1mm, molded with NC switch	5.5mm	2.0	7.5	1.10	.85	.77
16PJ122	F	2.1mm, open metal frame with NC switch	5.5mm	2.0	8.0	1.05	.88	.80
163-4302	G	2.1mm, round plastic with NC switch	5.5mm	2.0	9.0	1.38	1.16	.81
163-4304	H	2.1mm, split pin with NC switch	5.5mm	2.0	8.0	1.61	1.34	1.22
163-4021	I	2.1mm, metal	5.5mm	2.0	7.5	2.35	1.96	1.78
163-1821	I	2.1mm, metal	5.5mm	2.0	7.5	1.75	1.46	1.33
163-4022	J	2.1mm, metal, 1" bushing	5.5mm	2.0	7.5	4.28	3.57	3.25
163-5007	B	2.5mm, molded with NC switch	5.5mm	2.35	7.2	.71	.51	.46
16PJ221	B	2.5mm, molded with NC switch	5.5mm	2.35	7.2	.74	.57	.52
163-5005	C	2.5mm, molded with NC switch	5.5mm	2.35	8.0	.99	.77	.70
163-2501	D	2.5mm, open plastic frame with NC switch	5.5mm	2.35	8.3	1.10	.84	.77
163-4301	E	2.5mm, molded with NC switch	5.5mm	2.35	7.5	1.10	.84	.77
16PJ121	F	2.5mm, open metal frame with NC switch	5.5mm	2.35	8.0	1.05	.88	.80
163-4303	G	2.5mm, round plastic with NC switch	5.5mm	2.35	9.0	1.38	1.16	.81
163-4305	H	2.5mm, split pin with NC switch	5.5mm	2.35	8.0	1.61	1.34	1.22
163-4025	I	2.5mm, metal	5.5mm	2.35	7.5	2.35	1.96	1.78
163-1825	I	2.5mm, metal	5.5mm	2.35	7.5	1.75	1.46	1.33
163-4026	J	2.5mm, metal, 1" bushing	5.5mm	2.35	7.5	4.28	3.57	3.25

PC Mount

For quantities greater than listed, call for quote.

163-4312	K	0.7mm, molded with NC switch	2.35mm	.65	8.2	1.22	1.01	.92
161-100	M	1.0mm, molded with NC switch	3.0mm	.95	5.0	.96	.74	.67
163-5008	L	1.3mm, open frame with NC switch	3.4mm	1.25	5.5	.73	.52	.48
16PJ200	L	1.3mm, switch	3.4mm	1.2	5.0	.75	.58	.53
161-201	M	1.3mm, molded with NC switch	3.4mm	1.2	5.0	1.06	.82	.74
163-4310	N	1.7mm, molded snap mount with NC switch	4.0mm	1.6	8.5	1.09	.91	.82
163-4311	N	1.7mm, molded snap mount with NC switch	4.75mm	1.6	8.5	1.09	.91	.82
163-5004	M	2.1mm, molded with NC switch	5.5mm	2.0	8.0	.63	.42	.38
163-5013	O	2.1mm, molded snap mount with NC switch	5.5mm	2.0	8.0	.64	.43	.39
163-5010	P	2.1mm, open frame with snap mount, NC sw	5.5mm	2.0	8.0	.73	.48	.44
16PJ031	M	2.1mm, molded with NC switch	5.5mm	2.0	9.0	.63	.47	.43
16PJ101	Q	2.1mm, molded with NC switch	5.5mm	2.0	5.0	.95	.73	.66
161-3140	R	2.1mm, molded with 2-SPST switches	5.5mm	2.35	7.5	2.09	1.74	1.58
163-5012	O	2.5mm, molded with snap mount and NC sw	5.5mm	2.35	8.0	.64	.43	.39
163-5003	M	2.5mm, molded with NC switch	5.5mm	2.35	8.0	.64	.45	.41
163-5011	P	2.5mm, open frame with snap mount & NC sw	5.5mm	2.35	8.0	.73	.48	.44
16PJ032	M	2.5mm, molded with NC switch	5.5mm	2.35	9.0	.64	.49	.45
16PJ223	Q	2.5mm, molded with NC switch	5.5mm	2.35	5.0	.95	.73	.66
163-4314	S	2.5mm, molded with 2-SPST switches	5.5mm	2.35	7.5	2.24	1.87	1.70

In-Line

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Mating Plug O.D. (mm)	Max. Cable O.D. (In.)	Center Pin		Price Each		
					D (mm)	L (mm)	1	10	100
163-0300	T	2.1mm, cable mount jack	5.5	.16	2.0	8.5	1.63	1.36	1.23
163-0301	T	2.5mm, cable mount jack	5.5	.16	2.35	8.5	1.63	1.36	1.23

DC POWER PLUGS

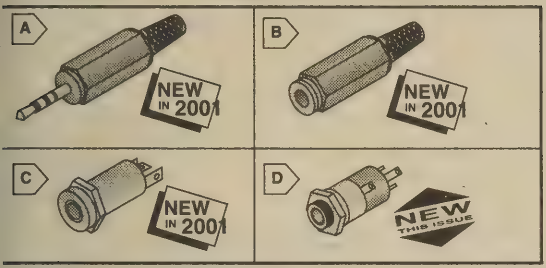
Solder Terminals

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-3218	U	Barrel 0.7mm x 2.35mm x 8.9mm, black	1.22	1.01	.92	.83
1710-1332	X	Barrel 1.3mm x 3.5mm x 5mm black locking	1.07	.82	.74	.69
171-3209	V	Barrel 1.3mm x 3.5mm x 9.1mm, black locking	.81	.62	.56	.51
1710-1321	U	Barrel 1.3mm x 3.4mm x 9.1mm, black with relief	.84	.65	.59	.55
1710-1311	X	Barrel 1.3mm x 3.4mm x 9.1mm, black	.86	.67	.61	.55
17PP200	X	Barrel 1.3mm x 3.4mm x 8.9mm, black	1.10	.84	.77	.70
171-3210	U	Barrel 1.3mm x 3.4mm x 8.9mm, black with relief	1.10	.84	.77	.70
171-3219	U	Barrel 1.7mm x 4.0mm x 9.5mm, black	1.09	.91	.82	.75
171-3220	U	Barrel 1.7mm x 4.75mm x 9.5mm, black	1.09	.91	.82	.75
171-3221	W	Barrel 1.7mm x 4.0mm x right angle, black	1.18	.99	.89	.81
171-3222	W	Barrel 1.7mm x 4.75mm x right angle, black with white tip	1.18	.99	.89	.81
1710-2132	Y	Barrel 2.1mm x 5.5mm x 7.5mm black locking	.78	.53	.49	.44
1710-2131	Y	Barrel 2.1mm x 5.5mm x 9.9mm, black	.65	.44	.40	.36
1710-2122	Y	Barrel 2.1mm x 5.5mm x 14.0mm, gray	.74	.49	.45	.41
1710-2111	Y	Barrel 2.1mm x 5.5mm x 14.0mm, black	.74	.49	.45	.41
17PP121	AA	Barrel 2.1mm x 5.5mm x 9.5mm, black	.69	.53	.48	.43
1710-2112	AA	Barrel 2.1mm x 5.5mm x 9.5mm, gray	.57	.44	.40	.36
1710-2120	AA	Barrel 2.1mm x 5.5mm x 9.5mm black locking	.66	.45	.41	.37
171-3214	Y	Barrel 2.1mm x 5.5mm x 14.0mm, gray	.77	.60	.54	.49
17PP049	Y	Barrel 2.1mm x 5.5mm x 14.0mm, black	.77	.60	.54	.49
171-3215	W	Barrel 2.1mm x 5.5mm, right angle, black	.83	.64	.58	.53
171-3217	U	Barrel 2.1mm x 5.5mm x 8.9mm, black with relief	1.08	.90	.82	.74
1710-0721	U	Barrel 2.1mm x 5.5mm x 8.9mm, black with relief	.76	.58	.53	.48
1710-2532	Y	Barrel 2.5mm x 5.5mm x 7.5mm black locking	.78	.53	.49	.44
1710-2512	Y	Barrel 2.5mm x 5.5mm x 9.9mm, gray	.65	.44	.40	.36
1710-2521	Y	Barrel 2.5mm x 5.5mm x 9.9mm, black	.65	.44	.40	.36
171-3225	Z	Barrel 2.5mm x 5.5mm x 9.9mm, nickel plated brass	1.27	.98	.89	.81
1710-2510	AA	Barrel 2.5mm x 5.5mm x 9.5mm black	.57	.44	.40	.36
1710-2511	AA	Barrel 2.5mm x 5.5mm x 9.5mm, gray	.57	.44	.40	.36
1710-2522	AA	Barrel 2.5mm x 5.5mm x 9.5mm black locking	.66	.45	.41	.37
1710-2531	Y	Barrel 2.5mm x 5.5mm x 14.0mm, black	.74	.49	.45	.41
171-3216	W	Barrel 2.5mm x 5.5mm, right angle, black	.83	.64	.58	.53
171-0702	U	Barrel 2.5mm x 5.5mm x 8.9mm, black with relief	1.08	.90	.82	.74
1710-0725	U	Barrel 2.5mm x 5.5mm x 8.9mm, black with relief	.76	.58	.53	.48

Phone and DC Power Plugs

4 CONDUCTOR 3.5 MM JACKS AND PLUGS



Features:

- 4 conductor
- Strain relief

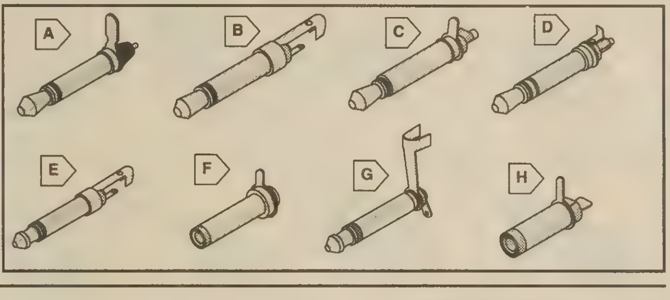
For quantities greater than listed, call for quote.

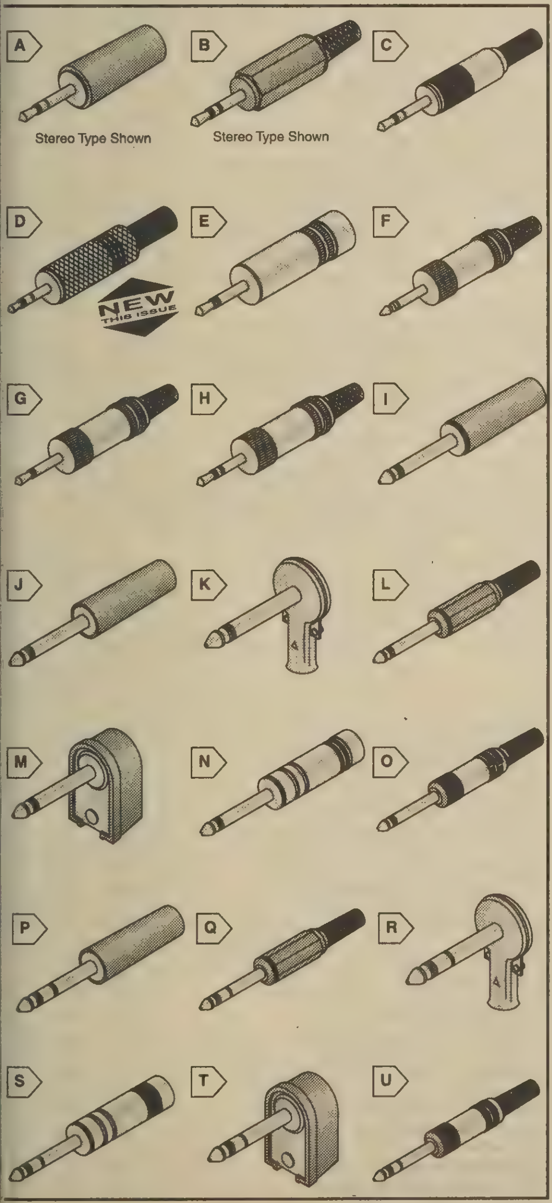
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
171-7435	A	Black plastic handle w/strain relief plasic threaded	1.53	1.27	1.16
161-6435	B	Black plastic housing w/strain relief plastic threading	1.10	.85	.77
161-5435	C	Gray housing, plastic threaded w/nut	1.10	.85	.77
161-7900	D	Hi-rel, panel mount, plastic and metal housing	1.39	1.17	1.06

CUSTOM MOLDING PLUGS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
171-3206	A	2.5mm mono plug, straight or right angle	.40	.26	.24
171-3202	B	3.5mm mono plug, straight or right angle	.54	.36	.33
171-3203	C	3.5mm mono plug, straight or right angle	.43	.28	.26
171-3204	D	3.5mm stereo plug, straight or right angle	.69	.53	.48
171-3205	G	2.5mm stereo plug, straight or right angle	1.26	1.05	.95
17PP111	G	1/4" mono plug, high rel. 2 conductor	1.08	.83	.76
17PP107	E	1/4" mono plug, standard 2 conductor	.69	.46	.41
17PP112	G	1/4" stereo plug, high rel. 3 conductor	1.37	1.14	1.03
171-3213	F	DC power plug, 1.3mm x 3.4mm x .51"	.74	.57	.52
171-3211	H	DC power plug, 2.1mm x 5.5mm x .48"	.54	.36	.32
171-3212	H	DC power plug, 2.5mm x 5.5mm x .48"	.54	.36	.32





2.5mm PLUGS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
Mono					
17PP095	A	Economy, black plastic handle, unshielded	.49	.34	.32
17PP053	A	Hi-rel, black plastic handle, plastic threaded bushing, unshielded	.61	.41	.37
171-3304	B	Plastic threaded bushing, .33" (D) x 1.5" (L), unshielded	.61	.41	.37
171-3413	A	Black plastic handle and solder terminals	.46	.36	.33
171-3404	B	Black plastic handle with strain relief and solder terminals	.46	.36	.33
171-3309	D	Shielded handle spring strain relief	.99	.76	.69
Stereo					
171-3305	A	Hi-rel, black plastic handle, unshielded	2.13	1.78	1.62
171-3306	C	Hi-rel, spring strain relief, shielded	2.38	1.98	1.80
171-3405	A	Black plastic handle and solder terminals	1.24	.96	.87
171-3406	D	Shielded handle with spring strain relief and solder terminals	1.79	1.48	1.35
171-3307	C	Gold contact with black metal handle, shielded	4.08	3.40	3.09

3.5mm PLUGS

†† Hi-rel, insulated sleeve, black strain relief

For quantities greater than listed, call for quote.

Mono					
17PP103	A	Gray plastic handle with metal threaded bushing, unshielded	.43	.30	.27
17PP101	A	Red plastic handle with threaded metal bushing, unshielded	.65	.44	.40
17PP102	A	Black plastic handle with metal threaded bushing, unshielded	.60	.40	.36
17PP047	B	Plastic threaded bushing, .40" (D) x 2" (L), unshielded	.63	.48	.44
171-3500	A	Metal threaded bushing, unshielded	.75	.58	.53
171-3302	B	Metal threaded bushing, .33" (D) x 1.5" (L), unshielded	.81	.62	.56
17PP105	A	Hi-rel, black plastic handle with threaded metal bushing, unshielded	.93	.71	.65
171-3310	D	Shielded handle spring strain relief	.91	.70	.64
171-1041	E	Hi-rel, metal plug, insulated sleeve, shielded	1.11	.85	.77
171-3200	F	Hi-rel, black strain relief, insulated sleeve, U.S. tip, shielded	1.31	1.09	.99
171-3201	G	Hi-rel, black strain relief, insulated sleeve, Japan tip, shielded	1.31	1.09	.99
Stereo					
171-2035	A	Black plastic handle with threaded bushing	.63	.45	.41
†† 17PP004	B	Hi-rel, molded, plastic threaded bushing with strain relief, unshielded	1.11	.86	.78
†† 171-3300	H	Plastic bushing screw threads, .37" (D) x .98" (L), shielded	1.64	1.37	1.24
171-3301	H	Metal bushing screw threads, .37" (D) x .98" (L), shielded	1.82	1.51	1.38
171-3308	T	Black plastic body, right angle, unshielded	1.02	.78	.71
171-3311	D	Shielded handle spring strain relief	1.49	1.25	1.14

1/4" PLUGS

For quantities greater than listed, call for quote.

Mono					
17PP201	I	Red plastic body, unshielded	1.04	.80	.72
17PP202	I	Black plastic body, unshielded	1.14	.95	.87
171-2020	J	Black plastic body, unshielded	.94	.73	.66
171-1206	K	Nickel plated, all metal, 228 Switchcraft type, right angle	1.10	.84	.77
171-1203	L	Red plastic body, unshielded	1.08	.88	.80
171-1204	L	Black plastic body, unshielded	1.08	.88	.80
171-1205	L	Gray plastic body, unshielded	1.08	.88	.80
17PP057	M	Black plastic body, right angle, unshielded	1.53	1.28	1.16
17PP056	N	Metal body, shielded	1.64	1.37	1.24
171-1200	O	Metal body with red strain relief, shielded	2.35	1.96	1.79
171-1201	O	Metal body with black strain relief, shielded	2.35	1.96	1.79
171-1202	O	Metal body with gray strain relief, shielded	2.35	1.96	1.79
Stereo					
17PP080	P	Black plastic body, unshielded	1.07	.82	.75
171-1303	Q	Red plastic body, unshielded	1.62	1.34	1.22
171-1304	Q	Black plastic body, unshielded	1.62	1.34	1.22
171-1305	Q	Gray plastic body, unshielded	1.62	1.34	1.22
171-1306	R	Nickel plated, all metal, 238 Switchcraft type, right angle	1.70	1.42	1.29
17PP054	S	Metal body, shielded	2.21	1.84	1.67
17PP071	T	Black plastic body, right angle, unshielded	2.38	1.98	1.80
171-1300	U	Metal body with red strain relief, shielded	2.86	2.39	2.17
171-1301	U	Metal body with black strain relief, shielded	2.86	2.39	2.17
171-1302	U	Metal body with gray strain relief, shielded	2.86	2.39	2.17

DGS PRO-AUDIO

Phone Jacks

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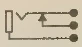
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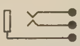
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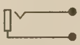
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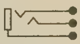
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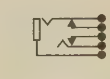
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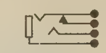
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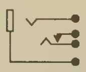
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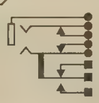
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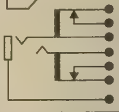
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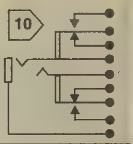

Circuit Diagrams

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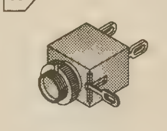
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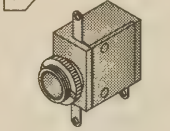
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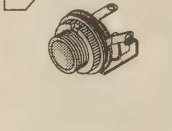
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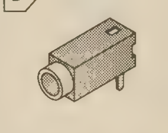
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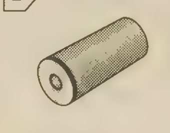
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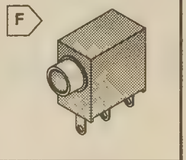
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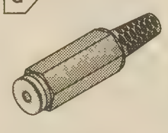
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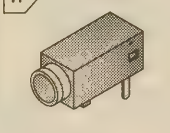
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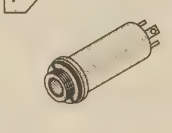
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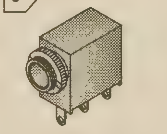
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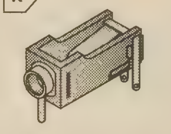
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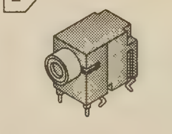
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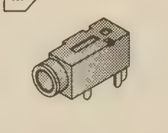
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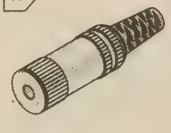
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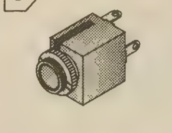
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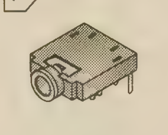
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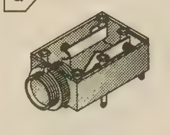
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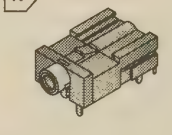
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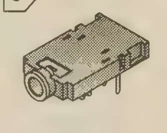
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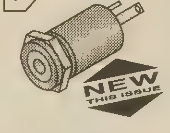
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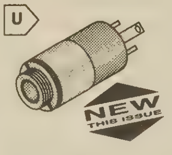
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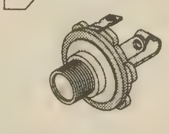
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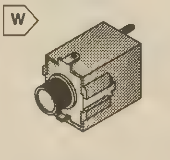
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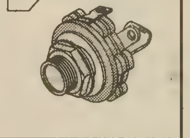
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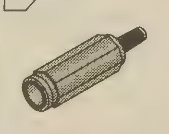
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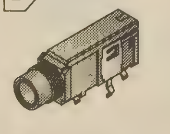
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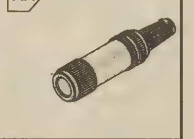
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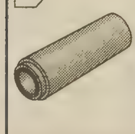
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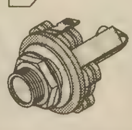
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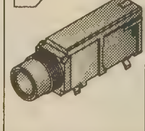
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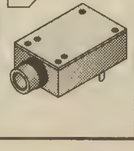

2.5mm JACKS

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each		
					1	10	100
Mono							
161-0125	A	.18	1	Economy, plastic, N/C swc. with spring, chassis mount	.25	.18	.16
16PJ126	B	.18	1	Economy, enclosed plastic housing, N/C swc., chassis mount	.36	.24	.21
16PJ100	C	.18	1	Hi-rel, knurled dress nut, washer, N/C swc., chassis mount	.60	.45	.41
161-2505	D	.22	2	Enclosed, open circuit, PCB mount	.50	.39	.35
161-3405	E	- - -	2	Black plastic handle, dual contacts and solder terminals	.51	.46	.42
161-2504	F	.18	1	Hi-rel, enclosed plastic housing, N/C swc., PCB mount	.74	.57	.52
16PJ105	E	- - -	3	Hi-rel, black plastic handle, in-line	.74	.57	.52
16PJ227	G	- - -	3	Hi-rel, black PVC molded handle with strain relief, in-line	.80	.61	.55
161-1650	U	.32	3	Plastic housing, panel mount	.78	.60	.55
Stereo							
161-2502	H	- - -	4	3-conductor, PCB mount	1.08	.90	.82
161-3408	E	- - -	4	Black plastic handle, shielded and solder terminals	.96	.74	.67
161-3308	E	- - -	4	Hi-rel, black plastic handle, shielded	1.79	1.49	1.36
161-3307	I	.25	4	Hi-rel, fully enclosed, shielded, chassis mount	1.52	1.27	1.15
161-7000	U	.24	4	Hi-rel, panel mount plastic/metal housing	1.29	.99	.91
161-7100	T	.32	4	Plastic housing, panel mount	.87	.67	.61

3.5mm JACKS

∗With threaded bushing †With knurled nut

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	1	10	100
Mono							
16PJ135	A	.27	1	Economy, black plastic, N/C switch with spring, chassis mount	.26	.20	.18
16PJ137	A	.27	1	Economy, white plastic, N/C switch with spring, chassis mount	.26	.20	.18
16PJ136	B	.27	1	Economy, fully enclsd. blk. plastic, N/C switch, chassis mount	.31	.24	.22
16PJ138	A	.27	1	Economy, white plastic, N/C switch w/o spring, chassis mount	.36	.28	.25
†∗ 161-3101	J	.27	1	Hi-rel, enclosed plastic housing, N/C switch, PCB mount	.65	.50	.46
16PJ011	C	.27	1	Knurled dress nut, washer, N/C switch, chassis mount	.79	.61	.55
16PJ528	L	.33	1	Hi-rel, black plastic housing, N/C switch, PCB mount	.67	.52	.47
16PJ012	C	.27	1	Hex dress nut, washer, N/C switch, chassis mount	.79	.61	.55
16PJ119	E	- - -	3	Hi-rel, black plastic handle, in-line	.74	.57	.52
16PJ225	G	- - -	3	Hi-rel, black PVC molded handle with strain relief, in-line	.80	.61	.55
161-3505	M	.27	1	Hi-rel, black plastic, closed circuit, PCB mount	.77	.60	.54
161-3200	N	- - -	3	Hi-rel, shielded handle with black strain relief, in-line	1.39	1.16	1.05
†∗ 161-3400	K	.27	1	Black plastic, knurled dress nut, PCB mount, N/C switch	.77	.60	.54
161-3412	K	.27	1	Black plastic, PCB mount, N/C switch	.70	.54	.48
161-1640	T	.32	3	Plastic housing, panel mount	.78	.60	.55
Stereo							
† 161-3402	A	.27	4	Black plastic, open circuit, chassis mount	.43	.33	.30
† 161-3502	O	.27	4	Black plastic, solder term, open circuit, chassis mount	.80	.61	.55
161-3504	P	.27	5	Hi-rel, 2-SPST N/C switches, PCB mount	.82	.63	.57
∗ 161-3501	Q	.27	4	Hi-rel, black plastic, open circuit, with nut, PCB mount	1.10	.84	.77
16PJ106	G	- - -	4	Hi-rel, black PVC molded handle with strain relief, in-line	1.16	.96	.88
161-3540	J	.32	5	2-SPST N/C switches, PCB mount	1.32	1.10	.99
161-3541	J	.32	5	2-SPST N/C switches, PCB mount, isolated bushing	1.41	1.18	1.07
161-3300	N	- - -	4	Hi-rel, shielded with black strain relief, in-line	1.52	1.27	1.15
16PJ108	R	.27	6	Hi-rel, black plastic housing, closed circuit, PCB mount	1.23	1.03	.94
∗ 161-3500	Q	.27	6	Hi-rel, black plastic, 1-SPST N/C swc., with nut, PCB mount	1.29	1.08	.98
161-3503	S	.27	8	Hi-rel, 2-SPST N/C switches plus 1-SPDT swc., PCB mount	1.44	1.20	1.09
∗ 161-3499	Q	.27	5	Hi-rel, black plastic, 2-SPST N/C swc., with nut, PCB mount	1.33	1.03	.94
†∗ 161-3507	Q	.27	4	Black plastic, open circuit, with nut, PCB mount	.71	.47	.43
†∗ 161-3508	Q	.27	5	2-SPST N/C switches, PCB mount	.74	.57	.52
†∗ 161-3509	Q	.27	6	1-SPST N/C switch, PCB mount	.72	.55	.50
161-7300	T	.32	4	Plastic housing, panel mount	.87	.67	.61
161-7400	U	.24	4	Hi-rel, panel mount, plastic/metal housing	1.29	.99	.91

1/4" JACKS

∗Threaded plastic bushing

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Mtg. Hole (In.)	Ckt. Dia	Description	Price Each		
					1	10	100
Mono							
16PJ022	V	.37	3	Open circuit, chassis mount	.94	.72	.65
16PJ023	W	.37	3	Open circuit, enclosed, chassis mount	1.04	.80	.72
16PJ020	X	.37	1	With switch, N/C, chassis mount	1.14	.95	.87
161-1203	Y	- - -	3	With black strain relief, in-line	1.31	1.09	.99
∗ 16PJ085	W	.49	1	With swc., N/C enclosed, chassis mount	1.33	1.11	1.01
∗ 16PJ500	Z	.49	1	PCB with switch, N/C enclosed	1.41	1.17	1.06
161-1200	AA	- - -	3	Shielded with black strain relief, in-line	2.76	2.30	2.09
161-1804	V	.37	3	Open circuit, chassis mount	.79	.66	.60
161-1803	X	.37	1	With switch, N/C, chassis mount	1.03	.86	.78
161-0010	EE	.55	3	Enclosed PCB mount	1.47	1.23	1.12
161-0020	EE	.55	1	With switch, N/C,PCB mount	1.56	1.30	1.18
Stereo							
16PJ081	W	.37	4	Open circuit, enclosed, chassis mount	1.11	.93	.84
16PJ226	BB	- - -	4	Open circuit, in-line	1.22	1.02	.93
16PJ080	CC	.37	4	Open circuit, chassis mount	1.33	1.11	1.06
161-1303	Y	- - -	4	With black strain relief, in-line	1.39	1.16	1.05
∗ 16PJ509	DD	.49	4	Open circuit, enclosed, PCB mount	1.44	1.20	1.09
16PJ083	W	.37	9	2-SPST N/C, enclosed, chassis mount	1.53	1.28	1.16
∗ 16PJ086	W	.49	9	2-SPST N/C, enclosed, chassis mount	1.73	1.44	1.31
∗ 16PJ087	W	.49	10	DPDT N/C, chassis mount	2.13	1.77	1.61
16PJ084	W	.37	10	DPDT N/C, enclosed, chassis mount	2.01	1.67	1.52
161-1300	AA	- - -	4	Shielded with black strain relief, in-line	2.99	2.49	2.26
161-1802	CC	.37	4	Open circuit, chassis mount	1.29	.99	.90
161-0030	EE	.55	4	Enclosed PCB mount	1.56	1.30	1.18
161-0035	EE	.55	7	With switch, N/C, PCB mount	1.77	1.48	1.34

Phono Plugs and Jacks

PHONO PLUGS

Shielded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-8113	A	Metal shielded body for RG58 with ferrule	.68	.52	.47	.43
171-8114	A	Metal shielded body for RG59 with ferrule	.68	.52	.47	.43
17PP058	B	Shielded	.72	.55	.50	.46
171-4202	C	Shielded, gold plating over nickel plated brass	2.92	2.44	2.22	2.01

Non-Shielded

For quantities greater than listed, call for quote.

17PP050	D	Uninsulated	.17	.13	.12	.10
17PP051	E	Red plastic insulator, hollow center pin	.64	.43	.38	.35
17PP052	E	Black plastic insulator, hollow center pin	.64	.43	.38	.35
171-0530	E	Hi-temp. phenolic insulator, hollow center pin	.70	.54	.48	.44
171-0520	F	Black plastic barrel with solid center pin	.70	.54	.48	.44
174-4356	G	General purpose with strain relief & red ID ring	.66	.44	.40	.37
174-4357	G	General purpose with strain relief & white ID ring	.66	.44	.40	.37
174-4358	G	General purpose with strain relief & yellow ID ring	.66	.44	.40	.37
174-4359	G	General purpose with strain relief & black ID ring	.66	.44	.40	.37
17HR881	H	Black plastic insulator	1.42	1.19	1.08	.98
171-8111	I	Right angle with black plastic handle	1.45	1.21	1.10	1.00
171-8112	J	Black molded PVC strain relief/handle	1.45	1.21	1.10	1.00

PHONO JACKS

✻ With insulating nylon washers.

Chassis Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
16PJ051	K	Press-in mounting jack	.64	.43	.38	.35
16PJ050	L	Mounted on phenolic disc	.63	.48	.44	.40
16PJ512	M	Dual RCA phono jack, all black	.74	.57	.52	.47
162-5121	M	Dual RCA phono jack, black and red	.74	.57	.52	.47
16PJ052	N	Nickel plated grounded black insulator	.69	.53	.48	.43
161-1002	N	Nickel plated grounded red insulator	.69	.53	.48	.43
161-1004	N	Nickel plated grounded white insulator	.69	.53	.48	.43
161-1005	N	Nickel plated grounded yellow insulator	.69	.53	.48	.43
161-1052	O	Front mounting 9mm hex base black insulator	.82	.63	.57	.52
161-1053	O	Front mounting 9mm hex base red insulator	.82	.63	.57	.52
161-1054	O	Front mounting 9mm hex base yellow insulator	.82	.63	.57	.52
161-1055	O	Front mounting 9mm hex base white insulator	.82	.63	.57	.52
161-2001	N	Nickel plated grounded green insulator	.99	.76	.69	.63
161-2002	N	Nickel plated grounded red insulator	.99	.76	.69	.63
161-2003	N	Nickel plated grounded black insulator	.99	.76	.69	.63
161-2052	N	Nickel plated grounded black insulator	.60	.46	.42	.34
164-4215	P	Front mounting, grounded jack	1.12	1.02	.93	.84
16PJ612	Q	2 screw terminals and 1 RCA phono jack	1.14	.99	.90	.82
16PJ514	R	Quadruple RCA jack	1.25	.96	.87	.79
16PJ035	S	Rear mounting, grounded jack, black	1.41	1.17	1.06	.97
161-0351	S	Rear mounting, grounded jack, red	1.41	1.17	1.06	.97
161-4003	N	Gold plated grounded black insulator	1.82	1.51	1.38	1.25
161-4202	T	Front mounting gold plated, grounded	2.35	1.96	1.78	1.62

PCB Mount

For quantities greater than listed, call for quote.

161-0164	U	PCB mount, nickel plated	.53	.36	.33	.30
161-0165	U	PCB mount, gold plated	.83	.64	.58	.53
161-4215	V	90° nickel plated red ABS insulator 70°C	.57	.43	.38	.35
161-4214	V	90° nickel plated white ABS insulator 70°C	.57	.43	.38	.35
161-4216	V	90° nickel plated black phenolic insulator 200°C	.64	.44	.40	.37
161-0360	V	90° tin plated white ABS insulator 70°C	.53	.35	.32	.29
161-0370	V	90° tin plated red ABS insulator 70°C	.53	.35	.32	.29
161-0380	V	90° tin plated yellow ABS insulator 70°C	.53	.35	.32	.29
161-0390	V	90° tin plated black ABS insulator 70°C	.53	.35	.32	.29
16PJ097	W	Non-switched PC mount jack, black	.69	.53	.48	.43
161-0096	W	Non-switched PC mount jack, red	.55	.42	.378	.344
161-0097	W	Non-switched PC mount jack, black	.55	.42	.378	.344
161-0098	W	Non-switched PC mount jack, white	.55	.42	.378	.344
161-0099	W	Non-switched PC mount jack, yellow	.55	.42	.378	.344
16PJ063	U	Jack for printed circuit board	.77	.60	.54	.49
161-4218	X	Horiz. mounted, dual, with red/white insulator	.75	.57	.52	.48
161-4220	X	Horiz. mount, dual, red/white insulator, gold plated	.87	.67	.61	.56
161-4219	Y	Vert. mounted, dual, with red/white insulator	.57	.44	.40	.36
161-4217	V	90° gold shell, nickel contacts, brown phenolic insulator 200°C	1.08	.83	.76	.69
16PJ092	Z	Jack for printed circuit board, black	.58	.44	.41	.37
16PJ396	W	Switched PC mount jack	1.09	.91	.82	.75
534-577	AA	Jack for printed circuit board	1.42	1.18	.99	.90
161-4213	X	90° nickel plated brown phenolic insulator 200°C	.59	.39	.36	.32
161-4221	Y	Vert. mount, dual, red/white insulator, gold plated	.90	.76	.69	.63
161-4319	BB	Vert. mount, triple, red, white and yellow	1.37	1.14	1.04	.95
161-4320	BB	Vert. mount, triple, red, green and blue	1.37	1.14	1.04	.95
161-4222	CC	Horiz. mount, triple, red, green and blue	1.11	.85	.78	.71
161-4223	CC	Horiz. mount, triple, red, white and yellow	1.11	.85	.78	.71

In-Line

For quantities greater than listed, call for quote.

161-0103	DD	Jack, black plastic	.52	.34	.31	.28
161-0110	DD	Jack, red plastic	.52	.34	.31	.28
161-4356	EE	Phono jack, red ID ring	.55	.43	.38	.35
161-4357	EE	Phono jack, white ID ring	.55	.43	.38	.35
161-4358	EE	Phono jack, yellow ID ring	.55	.43	.38	.35
161-4359	EE	Phono jack, black ID ring	.55	.43	.38	.35
16PJ150	FF	Jack, shielded	.74	.57	.52	.47
161-4201	GG	Shielded, nickel plated gold w/spring strain relief	2.92	2.44	2.22	2.01

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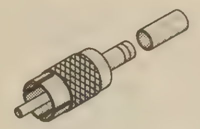

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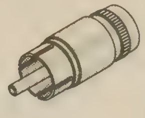

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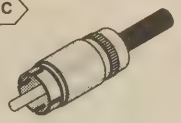

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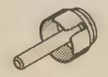

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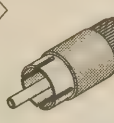

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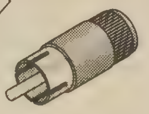

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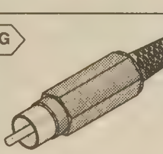

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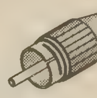

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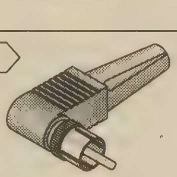

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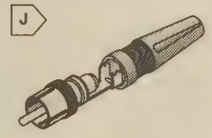

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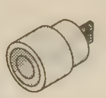

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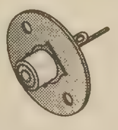

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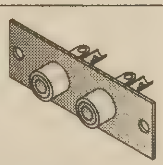

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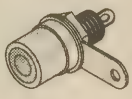

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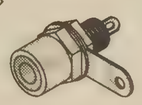

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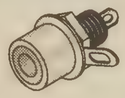

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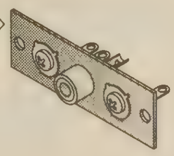

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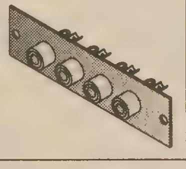

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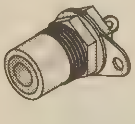

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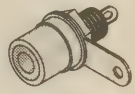

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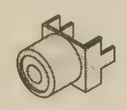

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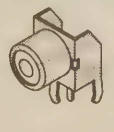

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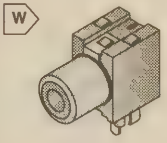

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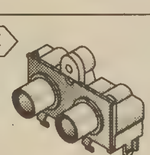

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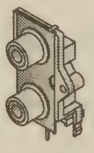

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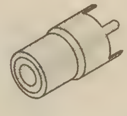

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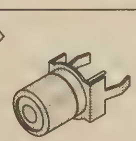

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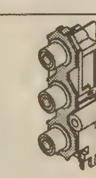

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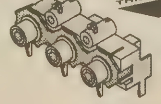

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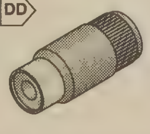

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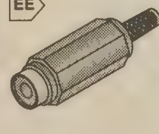

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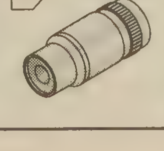

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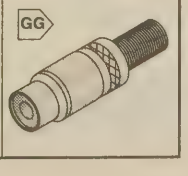

DGS PRO-AUDIO DELTRON Broadcast Quality XLR Connectors

Made in the United Kingdom

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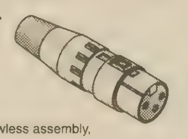

Screwless assembly, self-locking cable clamping collet

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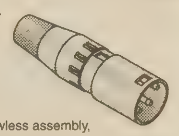

Screwless assembly, self-locking cable clamping collet

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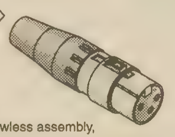

Screwless assembly, self-locking cable clamping collet

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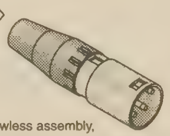

Screwless assembly, self-locking cable clamping collet

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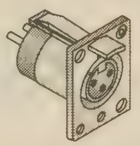

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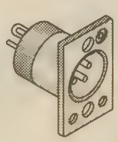

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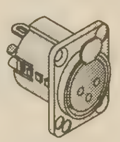

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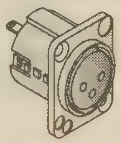

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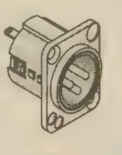


Latching Illustrated

Specifications:

- Current rating per contact: 3C = 16A, 4C = 10A, 5C = 7.5A
- Maximum wire gauge: 3C = 12AWG, 4C = 16AWG, 5C = 18AWG
- Contact resistance: < 3mΩ
- Voltage rating: 250VAC

Features:

- Screwless assembly
- Die-Cast body parts (no plastic)
- Flexible colour coding systems
- Unique "squeeze" clip
- Assembly and disassembly is a quick few turns of the barrel: No fiddle screws. Inside there are generous sized solder buckets and a clever collet to ensure a very positive cable grip over a wide range of cable sizes.
- The female panel socket employs a unique squeeze clip which is very easy to use -- just squeeze down and pull back.

NON-REFLECTIVE NICKEL FINISH

Cable Connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Connector Description	Industry Reference Number		Price Each		
					1	10	50
Silver Contacts							
164-7113	A	3-pin female	A3F	NC3FX	3.74	3.40	3.24
164-7114	A	4-pin female	A4F	NC4FX	6.03	5.50	5.24
164-7115	A	5-pin female	A5F	NC5FX	7.29	6.66	6.34
174-7123	B	3-pin male	A3M	NC3MX	2.90	2.65	2.52
174-7124	B	4-pin male	A4M	NC4MX	4.53	4.14	3.94
174-7125	B	5-pin male	A5M	NC5MX	5.52	5.04	4.80
Gold Contacts							
164-7123	A	3-pin female	Only DGS Pro Audio offers gold contacts		4.22	3.82	3.62
164-7124	A	4-pin female			6.78	6.14	5.81
164-7125	A	5-pin female			7.94	7.18	6.80
174-7133	B	3-pin male			3.43	3.12	2.74
174-7134	B	4-pin male			5.39	4.90	4.31
174-7135	B	5-pin male			6.46	5.87	5.17

Plastic Backshell Cable Connectors

For quantities greater than listed, call for quote.

Silver Contacts							
164-8113	C	3-pin female	A3F	NC3FX	2.54	2.31	2.03
164-8114	C	4-pin female	A4F	NC4FX	4.41	4.01	3.53
164-8115	C	5-pin female	A5F	NC5FX	5.39	4.90	4.31
174-8123	D	3-pin male	A3M	NC3MX	2.36	2.15	1.89
174-8124	D	4-pin male	A4M	NC4MX	3.21	2.92	2.57
174-8125	D	5-pin male	A5M	NC5MX	4.10	3.73	3.28
Gold Contacts							
164-8123	C	3-pin female	Only DGS Pro Audio offers gold contacts		3.92	3.56	3.14
164-8124	C	4-pin female			6.24	5.67	4.99
164-8125	C	5-pin female			7.31	6.64	5.85
174-8133	D	3-pin male			3.07	2.80	2.46
174-8134	D	4-pin male			4.90	4.46	3.92
174-8135	D	5-pin male			5.88	5.35	4.70

Panel Mount Connectors

For quantities greater than listed, call for quote.

Silver Contacts							
164-7133	E	3-pin female	D3F	NC3FP	3.12	2.84	2.70
164-7134	E	4-pin female	D4F	NC4FP	5.54	5.04	4.79
164-7135	E	5-pin female	D5F	NC5FP	6.51	5.92	5.62
174-7143	F	3-pin male	D3M	NC3MP	2.52	2.40	2.16
174-7144	F	4-pin male	D4M	NC4MP	3.19	3.04	2.74
174-7145	F	5-pin male	D5M	NC5MP	4.14	3.94	3.55
Gold Contacts							
164-7143	E	3-pin female	Only DGS Pro Audio offers gold contacts		5.61	5.07	4.71
164-7144	E	4-pin female			9.70	8.76	8.14
164-7145	E	5-pin female			11.01	9.94	9.23
174-7153	F	3-pin male			3.22	2.94	2.80
174-7155	F	5-pin male			5.43	4.96	4.72

Universal Panel Mount Connectors

- Front or rear panel mount

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	50
Silver Contacts					
164-7163	G	3-pin female, latching	4.44	4.05	3.86
164-1603	H	3-pin female, non-latching	4.35	3.97	3.78
164-7164	G	4-pin female, latching	5.93	5.42	5.16
164-7165	G	5-pin female, latching	7.15	6.53	6.22
174-7173	I	3-pin male, latching	3.93	3.59	3.42
174-1703	I	3-pin male, non-latching	3.84	3.51	3.34
174-7174	I	4-pin male, latching	5.70	5.21	4.96
174-7175	I	5-pin male, latching	6.92	6.32	6.02
Gold Contacts					
164-72203	G	3-pin female, latching	5.08	4.83	4.32
164-2203	H	3-pin female, non-latching	4.96	4.71	4.22
164-72204	G	4-pin female, latching	6.38	6.06	5.42
164-72205	G	5-pin female, latching	7.44	7.07	6.32
174-72303	I	3-pin male, latching	4.18	3.78	3.55
174-2303	I	3-pin male, non-latching	4.10	3.69	3.49
174-72304	I	4-pin male, latching	5.80	5.22	4.93
174-72305	I	5-pin male, latching	7.26	6.53	6.17

NON-REFLECTIVE BLACK CHROME FINISH

Cable Connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Connector Description	Industry Reference Number		Price Each		
					1	10	50
Silver Contacts							
164-7213	A	3-pin female	A3FB	- - -	3.93	3.59	3.42
164-7214	A	4-pin female	A4FB	- - -	6.03	5.50	5.24
164-7215	A	5-pin female	A5FB	- - -	7.29	6.66	6.34
174-7223	B	3-pin male	A3MB	- - -	3.13	2.86	2.72
174-7224	B	4-pin male	A4MB	- - -	4.53	4.14	3.94
174-7225	B	5-pin male	A5MB	- - -	5.52	5.04	4.80
Gold Contacts							
164-7223	A	3-pin female	A3FBAU	NC3FX-B	4.39	3.97	3.76
164-7224	A	4-pin female	- - -	NC4FX-B	6.78	6.14	5.81
164-7225	A	5-pin female	- - -	NC5FX-B	7.94	7.18	6.80
174-7233	B	3-pin male	A3MBAU	NC3MX-B	3.65	3.32	2.92
174-7234	B	4-pin male	- - -	NC4MX-B	5.39	4.90	4.31
174-7235	B	5-pin male	- - -	NC5MX-B	6.46	5.87	5.17

Plastic Backshell Cable Connectors

For quantities greater than listed, call for quote.

Silver Contacts							
164-8213	C	3-pin female	A3FB	- - -	3.21	2.92	2.57
164-8214	C	4-pin female	A4FB	- - -	4.99	4.54	3.99
164-8215	C	5-pin female	A5FB	- - -	6.01	5.47	4.81
174-8223	D	3-pin male	A3MB	- - -	2.90	2.63	2.32
174-8224	D	4-pin male	A4MB	- - -	3.83	3.48	3.07
174-8225	D	5-pin male	A5MB	- - -	4.54	4.13	3.64
Gold Contacts							
164-8223	C	3-pin female	A3FBAU	NC3FX-B	4.05	3.69	3.24
164-8224	C	4-pin female	- - -	NC4FX-B	5.79	5.27	4.63
164-8225	C	5-pin female	- - -	NC5FX-B	6.91	6.28	5.52
174-8233	D	3-pin male	A3MBAU	NC3MX-B	3.30	3.00	2.64
174-8235	D	5-pin male	- - -	NC5MX-B	5.08	4.62	4.06

Panel Mount Connectors

For quantities greater than listed, call for quote.

Silver Contacts							
164-7233	E	3-pin female	D3FB	- - -	3.30	3.00	2.85
164-7234	E	4-pin female	D4FB	- - -	5.54	5.04	4.79
164-7235	E	5-pin female	D5FB	- - -	6.51	5.92	5.62
174-7243	F	3-pin male	D3MB	- - -	2.69	2.56	2.30
174-7244	F	4-pin male	D4MB	- - -	3.19	3.04	2.74
174-7245	F	5-pin male	D5MB	- - -	4.14	3.94	3.55
Gold Contacts							
164-7243	E	3-pin female	D3FBAU	NC3FP-B	5.86	5.29	4.91
164-7244	E	4-pin female	- - -	NC4FP-B	9.70	8.76	8.14
164-7245	E	5-pin female	- - -	NC5FP-B	11.01	9.94	9.23
174-7253	F	3-pin male	D3MBAU	NC3MP-B	3.36	3.07	2.92
174-7254	F	4-pin male	- - -	NC4MP-B	4.44	4.05	3.86
174-7255	F	5-pin male	- - -	NC5MP-B	5.43	4.96	4.72

Universal Panel Mount Connectors

- Front or rear panel moun

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	50
Silver Contacts					
164-7183	G	3-pin female, latching	4.44	4.05	3.86
164-1803	H	3-pin female, non-latching	4.35	3.97	3.78
164-7184	G	4-pin female, latching	5.93	5.42	5.16
164-7185	G	5-pin female, latching	7.15	6.53	6.22
174-7193	I	3-pin male, latching	3.93	3.59	3.42
174-7194	I	4-pin male, latching	5.70	5.21	4.96
174-7195	I	5-pin male, latching	6.92	6.32	6.02
Gold Contacts					
164-72403	G	3-pin female, latching	5.08	4.83	4.32
164-2403	H	3-pin female, non-latching	4.96	4.71	4.22
164-72404	G	4-pin female, latching	6.38	6.06	5.42
164-72405	G	5-pin female, latching	7.44	7.07	6.32
174-72503	I	3-pin male, latching	4.18	3.78	3.55
174-2503	I	3-pin male, non-latching	4.10	3.69	3.49
174-72504	I	4-pin male, latching	5.80	5.22	4.93
174-72505	I	5-pin male, latching	7.26	6.53	6.17

CHANNEL IDENTIFICATION SYSTEM

This unique colour coded system gives you durable, bright identification for both free cable or panel plugs and sockets, making the marking of panel mounted connectors foolproof. The 10 available coloured collars are numbered 0-9 using the standard industry resistor colour code system.

Colour Coded Connector Collars

Features:

- Full circular ring prevents ring from falling off
- Collars numbered with corresponding color for easy identification

2 rings required for complete collar assembly

MOUSER STOCK NO.	Description	Price Each		
		1	10	25
174-72809	Assorted Bag of 50	5.00	4.00	3.87

MOUSER STOCK NO.	No.	Color	Price Each		
			1	25	100
174-7280	0	Black	.12	.10	.09
174-7281	1	Brown	.12	.10	.09
174-7282	2	Red	.12	.10	.09
174-7283	3	Orange	.12	.10	.09
174-7284	4	Yellow	.12	.10	.09
174-7285	5	Green	.12	.10	.09
174-7286	6	Blue	.12	.10	.09
174-7287	7	Violet	.12	.10	.09
174-7288	8	Grey	.12	.10	.09
174-7289	9	White	.12	.10	.09

Colour Coded Panel Buttons

Features:

- 3 protruding lugs provide positive retention in panel connector
- 2 buttons may be used giving up to 100 possible identification combinations

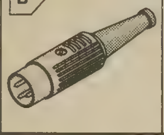
MOUSER STOCK NO.	Description	Price Each		
		1	10	25
164-72609	Assorted Bag of 50	2.50	1.50	1.18

MOUSER STOCK NO.	Color	Price Each		
		1	25	100
164-7260	Black	.06	.05	.04
164-7261	Brown	.06	.05	.04
164-7262	Red	.06	.05	.04
164-7263	Orange	.06	.05	.04
164-7264	Yellow	.06	.05	.04
164-7265	Green	.06	.05	.04
164-7266	Blue	.06	.05	.04
164-7267	Violet	.06	.05	.04
164-7268	Grey	.06	.05	.04
164-7269	White	.06	.05	.04

DGS PRO AUDIO DELTRON Professional DIN Connectors

PROFESSIONAL DIN CONNECTORS

A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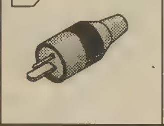
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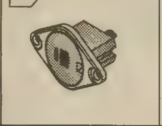
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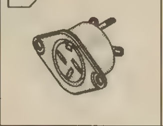
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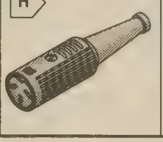
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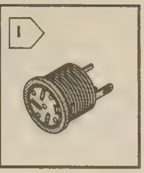

I

Features:
- Fully shielded housing
- Suitable for audio/instrumentation applications

Specifications:
- Voltage rating: 100V
- Current rating: 4A
- Contact resistance: <2mΩ
- Temperature range: -25°C to +70°C

DIN Plugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Degree of Arc	Price Each			
				1	10	100	500
Bright Nickel Finish							
17HR593	A	3 pin lockable	180°	3.10	2.67	2.43	2.21
17HR595	A	5 pin lockable	180°	3.55	3.07	2.79	2.54
17HR598	A	8 pin lockable	270°	4.57	3.81	3.47	3.15
17HR613	B	3 pin	180°	2.12	1.68	1.51	1.39
17HR615	B	5 pin	180°	2.23	1.83	1.66	1.50
17HR618	B	8 pin	270°	3.36	2.80	2.54	2.31
Matte Black Finish							
174-2312	A	3 pin lockable	180°	3.40	2.84	2.58	2.35
174-2512	A	5 pin lockable	180°	3.90	3.25	2.96	2.69
174-2311	B	3 pin	180°	2.28	1.90	1.73	1.57
174-2411	B	4 pin	180°	2.93	2.44	2.22	2.02
174-2511	B	5 pin	180°	2.41	2.01	1.83	1.66
174-2611	B	6 pin	240°	2.55	2.12	1.93	1.75
PVC Molded Body							
17HR802	C	2 pin Speaker Plug	N/A	.69	.55	.50	.45
17HR803	D	3 pin	180°	.81	.62	.56	.51
17HR804	D	4 pin	180°	.93	.74	.68	.60
17HR805	D	5 pin	180°	1.05	.87	.79	.72
17HR806	D	6 pin	240°	1.25	1.04	.94	.76
17HR808	D	8 pin	270°	1.45	1.21	1.10	1.00

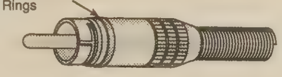
DIN Receptacles

For quantities greater than listed, call for quote.

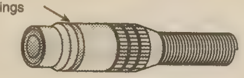
MOUSER STOCK NO.	Fig.	Description	Degree of Arc	Price Each			
				1	10	100	500
Bright Nickel Finish							
16HR632	E	2 pin chassis Speaker Jack	N/A	1.56	1.22	1.11	1.01
16HR633	F	3 pin chassis	180°	1.99	1.67	1.52	1.38
16HR634	F	4 pin chassis	180°	2.49	2.08	1.89	1.72
16HR635	F	5 pin chassis	180°	2.30	1.92	1.74	1.58
16HR636	F	6 pin chassis	240°	2.59	2.13	1.94	1.76
16HR638	F	8 pin chassis	270°	3.19	2.61	2.37	2.15
16HR653	G	3 pin chassis	180°	3.99	3.33	3.02	2.75
16HR654	G	4 pin chassis	180°	4.39	3.67	3.33	3.03
16HR655	G	5 pin chassis	180°	4.05	3.37	3.07	2.79
16HR656	G	6 pin chassis	240°	4.31	3.59	3.27	2.97
16HR658	G	8 pin chassis	270°	4.89	4.06	3.69	3.35
Matte Black							
164-2313	H	3 pin in-line	180°	2.90	2.42	2.20	1.99
164-2513	H	5 pin in-line	180°	3.11	2.59	2.36	2.14
164-2321	F	3 pin chassis	180°	1.99	1.67	1.57	1.51
164-2421	F	4 pin chassis	180°	2.66	2.22	2.02	1.83
164-2521	F	5 pin chassis	180°	2.47	2.06	1.87	1.70
164-2322	G	3 pin chassis	180°	4.13	3.44	3.13	2.84
164-2522	G	5 pin chassis	180°	4.19	3.49	3.19	2.88
164-2331	I	3 pin PCB	180°	3.13	2.61	2.37	2.16
164-2431	I	4 pin PCB	180°	3.20	2.67	2.43	2.21
164-2531	I	5 pin PCB	180°	3.66	3.06	2.77	2.52
164-2345	Hex mntg. nut for 164-2331, 164-2431, 164-2531			.49	- - -	.42	- - -

PROFESSIONAL RCA PHONO PLUGS AND LINE SOCKETS

A range of high quality UK manufactured phono plugs and line sockets made from machined brass with various plating options


Optional Colour Coded I.D. Rings

Plug


Optional Colour Coded I.D. Rings

Line Socket

Plugs

- Ground contact with unique "T" shape slot provide maximum contact area

MOUSER STOCK NO.	Plating		Price Each		
	Center Contact	Body	1	10	100
Hollow Center Pin					
174-3300	Silver	Nickel	1.83	1.66	1.51
174-3310	Gold	Gold	2.34	2.13	1.94
174-3320	Gold	Black chrome	2.34	2.13	1.94
Solid Center Pin					
174-3330	Silver	Nickel	1.99	1.81	1.64
174-3340	Gold	Gold	2.49	2.27	2.06
174-3350	Gold	Black chrome	2.49	2.27	2.06

Specifications:
- Center contact: brass with silver or gold plate
- Ground contact and cable clamp: brass with nickel or gold plate
- Body and spring strain relief: brass with nickel, gold, or black chrome plate
- Insulation: Noryl SE1
- Current rating: 5A @ 200VDC/150VAC
- Insulation resistance: 100MΩ @ 500VDC
- Maximum cable size: .22"

Line Sockets

- Spring center contact for secure cable connection

164-3400	Silver	Nickel	1.93	1.76	1.60
164-3410	Gold	Gold	2.55	2.31	2.10
164-3420	Gold	Black chrome	2.55	2.31	2.10

COLOUR CODED I.D. RINGS

These unique colour coded I.D. rings provide a durable, bright coding system for Deltron professional phono plugs and line sockets.

MOUSER STOCK NO.	Color	Price Each		
		1	25	100
174-3431	Black	.10	.09	.08
174-3432	Blue	.10	.09	.08
174-3434	Green	.10	.09	.08
174-3435	Red	.10	.09	.08
174-3436	White	.10	.09	.08
174-3437	Yellow	.10	.09	.08

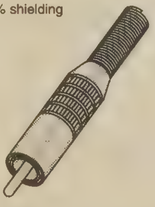
HIGH END PROFESSIONAL PHONO PLUGS

Designed and manufactured in the UK to the highest quality standards for use with Professional Audio Equipment.

Specifications:
- Current rating: 5A @ 200VDC/150VAC
- Insulation resistance: 100MΩ @ 500VDC
- Center contact, ground contact, and collet: 0.5 micron gold plated brass
- Insulator: PTFE for high dielectric constant

Features:
- Ground contact with "T" shaped slot fo effective spring contact retention
- Solid brass body provides 100% shielding

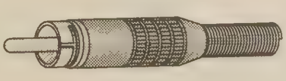
MOUSER STOCK NO.	Cap and Spring	Color Band	Price Each		
			1	10	100
174-3200	Gold flash	None	4.89	4.44	4.04
174-3205	Gold flash	Red	4.99	4.54	4.12
174-3206	Gold flash	White	4.99	4.54	4.12
174-3210	Black chrome	None	4.99	4.54	4.12
174-3215	Black chrome	Red	4.99	4.54	4.12
174-3216	Black chrome	White	4.99	4.54	4.12



COLOURED CAP PHONO PLUGS

A range of high quality UK manufactured phono plugs made from machined brass with various plating options. The aluminum housing is anodized in various colors for easy identification.

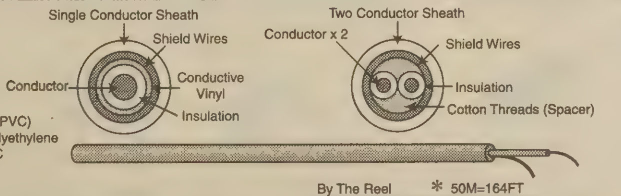
Features:
- "T" shape ground contact for maximum contact area
- Accepts cable diameters up to .216"
- Collet for cable gripping and dual grounding



Specifications:
- Current rating: 5A @ 200VDC/150VAC
- Insulation resistance: 100MΩ @ 500VDC
- Center contact, ground contact, and collet: brass with flash gold plate
- Body: anodized aluminum
- Spring: brass with black chrome plate
- Insulator: PTFE

MOUSER STOCK NO.	Cap Plating	Price Each		
		1	10	100
174-3461	Black anodized	3.43	3.12	2.84
174-3462	Blue anodized	3.43	3.12	2.84
174-3465	Red anodized	3.43	3.12	2.84
174-3467	Yellow anodized	3.43	3.12	2.84

OXYGEN-FREE COPPER (OFC) AUDIO CABLE



Features:
- OFC conductor/shield
- Super flexible
- Low noise
- High frequency response

Specifications:
- Jacket: soft vinyl (PVC)
- Insulation: soft polyethylene
- Shield: braid, OFC

By The Foot

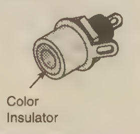
By The Reel

* 50M=164FT

MOUSER STOCK NO.	No. of Conductors	Conductor Stranding	Jacket O.D.	Color	Price Per Foot				MOUSER STOCK NO.	*Reel Length	Price Per Reel
					1	5	10	25			
172-6510FT	1	20 x .12mm	6.5mm	Black	1.16	1.05	.95	.87	172-6510	50M	118.46
172-6511FT	1	20 x .12mm	6.5mm	Blue	1.16	1.05	.95	.87	172-6511	50M	118.46
172-6522FT	2	12 x .18mm	6.5mm	Red	1.45	1.31	1.19	1.08	172-6522	50M	131.36

PROFESSIONAL PHONO CHASSIS SOCKETS

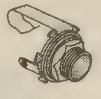
A turned brass, single nut, fixing panel socket. Available in nickel or gold plated finish and either red or black insulator material for identification purposes. A mounting hole of ø7.2mm is required.



MOUSER STOCK NO.	Contact Plating	Insulator	Price Each		
			1	10	100
164-4215	Nickel	Black	1.12	1.02	.93
164-4315	Nickel	Red	1.12	1.02	.93
164-4321	Gold	Black	1.37	1.24	1.14
164-4325	Gold	Red	1.37	1.24	1.14

Switchcraft® Jacks and Plugs

1/4" PHONE JACKS

A


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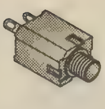

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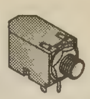

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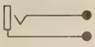

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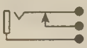

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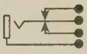

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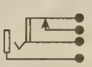

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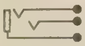

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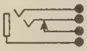

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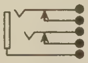

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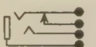


Littel-Jax

Phone jacks mount in single .375" hole in panels up to .150" thick, except stock numbers 502-L-11 and 502-L-12 which mounts in panels up to .25" thick.

2-Conductor Standard 1/4" I.D. Types

MOUSER STOCK NO.	Fig. *	Ckt. Dia.	Typical Mating Type	Description	Price Each		
					1	10	25
502-11	A	AA	250	Open tip	2.00	1.50	1.38
502-C-11	A	AA	440, 445, 470	Open tip, with locating pin	2.84	2.13	1.95
502-L-11	A	AA	250	Open tip, with .375" bushing	1.96	1.47	1.35
502-12A	A	BB	250	Closed tip	2.00	1.50	1.38
502-C-12A	A	BB	440, 445, 470	Closed tip, with locating pin	3.52	2.64	2.42
502-L-12A	A	BB	250	Closed tip, with .375" bushing	2.16	1.62	1.49
502-13A	A	CC	250	Transfer circuit	4.72	3.54	3.25
502-13E	A	DD	250	Isolated "break" circuit	4.96	3.72	3.41

3-Conductor Standard 1/4" I.D. Types

502-12B	A	EE	267	Open tip, open ring	2.08	1.56	1.43
502-C-12B	A	EE	480	Open tip, open ring, with locator pin	4.00	3.00	2.75
502-L-12B	A	EE	267	Open tip, open ring, w/ .375" bush.	2.28	1.71	1.57
502-13B	A	FF	267	Closed tip, open ring	4.80	3.60	3.30
502-14B	A	GG	267	Closed tip, closed ring	5.04	3.78	3.47

502-S-11	A	AA	S-250	Open tip	2.04	1.53	1.27

3-Conductor .210" I.D. Type for Polarized Connections

502-S-12B	A	EE	S-260	Open tip, open ring	3.08	2.31	2.12

* 502-C-11 is shown

Hi-D Jax, Enclosed

Small, compact phone jacks mate with standard .25" (6.35mm) phone plugs. The molded body protects the integral silver plated contacts. They feature low contact resistance, low electrical leakage and low capacity between contacts. Mounts in single .375" hole in panels up to .156" thick.

2-Conductor-Solder Type

MOUSER STOCK NO.	Fig.	Ckt. Dia.	Typical Mating Type	Description	Price Each		
					1	10	25
502-111	B	AA	250	Open tip	1.88	1.41	1.29
502-N-111	B	AA	250	Open tip, nylon bushing	2.24	1.68	1.54
502-112A	B	BB	250	Closed tip	1.92	1.44	1.32
502-N-112A	B	BB	250	Closed tip, nylon bushing	2.36	1.77	1.62

3-Conductor-Solder Type

502-112B	B	EE	267	Open tip, open ring	1.96	1.47	1.35
502-113B	B	FF	267	Closed tip, open ring	2.56	1.92	1.76
502-113F	B	HH	267	Open tip, closed ring	2.56	1.92	1.76
502-114B	B	GG	267	Closed tip, closed ring	2.64	1.98	1.82
502-L-114B	B	GG	267	Closed tip, closed ring, .375" bush.	2.76	2.07	1.90
502-N-114B	B	GG	267	Closed tip, closed ring, nylon bush.	3.08	2.31	2.12

2-Conductor-Printed Circuit Type

502-111PC	B	AA	250	Open tip	1.88	1.41	1.29
502-N111PC	B	AA	250	Open tip, nylon bushing	2.24	1.68	1.54
502-112APC	B	BB	250	Closed tip	1.92	1.44	1.32
502-RN-111PC	C	AA	250	Open tip, right angle	1.68	1.26	1.16
502-RN-112APC	C	BB	250	Closed tip, right angle	2.00	1.50	1.38

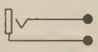
3-Conductor-Printed Circuit Type

502-112BPC	B	EE	267	Open tip, open ring	1.96	1.47	1.35
502-N-112BPC	B	EE	267	Open tip, open ring, nylon bushing	2.40	1.80	1.65
502-113BPC	B	FF	267	Closed tip, open ring	2.56	1.92	1.76
502-N-114BPC	B	GG	267	Closed tip, closed ring	3.08	2.31	2.12
502-RN-113BPC	C	FF	267	Closed tip, open ring	2.40	1.80	1.65
502-RN-114BPC	C	GG	267	Closed tip, closed ring	2.52	1.89	1.73

THICK PANEL JACKS

Extra shielded length eliminates microphone hum.

- 1.25" panel size
- .469" mounting hole

AA


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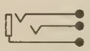
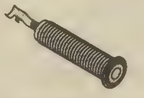
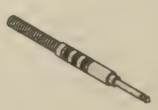




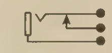
MOUSER STOCK NO.	Ckt. Dia.	Description	Price Each		
			1	10	25
502-151	AA	2 conductor	6.32	4.74	4.35
502-152B	BB	3 conductor	6.96	5.22	4.79

MITI-PLUG AUDIO PLUG

2-conductor phone plug with full shielding and resistance to extremely rough usage for electrified audio instruments, such as amplifiers, synthesizers, power heads, speaker systems etc. requiring high quality audio plugs. Typical mating type: 11



MOUSER STOCK NO.	Description	Price Each		
		1	10	25
502-174S	Brass with spring strain relief	8.48	6.36	5.83

AA


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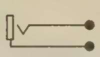
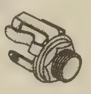
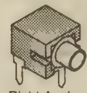


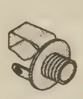


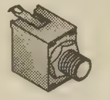


Right Angle PCB Type

A

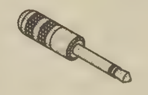
B





C

D

E


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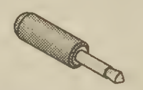


MINIATURE PHONE JACKS

Micro-Jax 2.5mm

2-conductor, miniaturized jack has single closed circuit design. Silver plated, tempered nickel plated contacts. Mounts in .190" diameter hole in panels up to .094" thick. Typical mating type: 850, 880

MOUSER STOCK NO.	Fig.	Ckt. Dia.	Contact	Price Each		
				1	10	25
502-TR-2A	A	AA	Open	2.56	1.92	1.76
502-MDPC-2A-RA	B	AA	Enclosed	2.28	1.71	1.57

Tini-Jax 3.5mm

Miniature 2-conductor phone jacks, approximately 1/3 the size of Littel-Jax jacks. Mounts in .25" diameter hole in panels up to .125" thick. Mating Switchcraft plug: 740, 745 screw terminal, 750, 755 solder terminal

502-41	C	BB	Open	1.76	1.32	1.21
502-42A	C	AA	Open	2.08	1.56	1.43
502-142A	D	AA	Enclosed	2.68	2.01	1.84

MINIATURE PHONE PLUGS

Micro-Plug 2.5mm

Subminiature 2-conductor phone plugs for use with Micro-Jax accommodate cables up to .125" (3.18mm) diameter. Typical mating type: TR-2A.

MOUSER STOCK NO.	Fig.	Handle	Price Each		
			1	10	25
502-850	E	Black	2.96	2.22	2.04
502-855	E	Red	2.96	2.22	2.04
502-880	E	Shielded	2.96	2.22	2.04

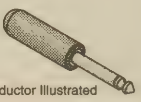
Tini-Plug 3.5mm

2-conductor phone plugs for use with Tini-Jax; 1/3 the size of standard phone plugs. Maximum cable O.D. is .218" (5.54mm). Typical mating type: 41

MOUSER STOCK NO.	Fig.	Handle	Terminal	Price Each		
				1	10	25
502-740	F	Black	Screw	3.12	2.34	2.15
502-750	F	Black	Solder	3.04	2.28	2.09
502-745	F	Red	Screw	3.12	2.34	2.15
502-755	F	Red	Solder	3.04	2.28	2.09

LITTEL PLUG PHONE PLUGS

Solder terminals include built-in cable clamps. Shielded metal handles are nickel plated brass. Maximum cable diameter is .297" (7.54mm).

A


2-Conductor Illustrated

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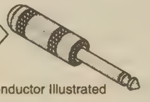

2-Conductor Illustrated

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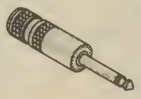

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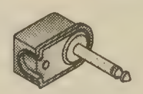

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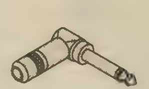


2-Conductor Standard 1/4" I.D. Types Typical mating type: 11

* 502-40: .28" cable O.D., 502-70: .38" cable O.D., 502-170: .25" cable O.D.

MOUSER STOCK NO.	Fig.	Handle	Terminal	Price Each		
				1	10	25
502-240	A	Black	Screw	3.40	2.55	2.34
502-250	A	Black	Solder	3.20	2.40	2.20
502-255	A	Red	Solder	3.20	2.40	2.20
502-270	B	Shielded	Screw	4.76	3.57	3.27
502-280	B	Shielded	Solder	3.96	2.97	2.72
502-40	A	Black	Solder	4.40	3.30	3.03
* 502-70	B	Shielded	Screw	6.00	4.50	4.13
* 502-170	C	Shielded	Solder	7.00	5.25	4.81
* 502-220	D	Black	Screw	4.76	3.57	3.27
502-226	E	Shielded	Solder	4.36	3.27	3.00
502-227	D	Black	Solder	3.68	2.76	2.53

3-Conductor Standard 1/4" I.D. Types

Typical mating type: 12B † 502-60: .28" cable O.D.

502-260	A	Black	Screw	5.32	3.99	3.66
502-267	A	Black	Solder	4.52	3.39	3.11
502-269	A	Red	Solder	4.52	3.39	3.11
502-297	B	Shielded	Solder	5.36	4.02	3.69
† 502-60	A	Black	Solder	4.88	3.66	3.36

2-Conductor .206" I.D. Types for Polarized Connections

Typical mating type: S-11

502-S-250	A	Black	Solder	3.48	2.61	2.39
502-S-280	B	Shielded	Solder	4.68	3.51	3.22

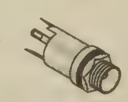
3-Conductor .206" I.D. Type for Polarized Connections

Typical mating type: S-12B

502-S-260	A	Black	Screw	7.08	5.31	4.87

POWER-JAX POWER CONNECTORS

Designed for AC-DC power connector and/or battery charger connections for electronics equipment. Split center, center pin, for more secure connection. Mounts in .312" diameter hole in panels up to .125".

A


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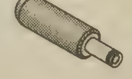


Jacks

MOUSER STOCK NO.	Fig.	Typ. Mating Type	Center Pin Dia.	Price Each		
				1	10	25
502-712A	A	760, 765	2.5mm	2.92	2.19	2.01
502-722A	A	S-760, S-765	2.1mm	2.92	2.19	2.01

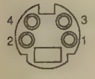
Plugs

1.42" (L) x .375" (D)

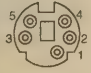
MOUSER STOCK NO.	Fig.	Typ. Mating Type	Color	Center Pin Dia.	Price Each		
					1	10	25
502-760	B	712A	Black	2.5mm	2.92	2.19	2.01
502-765	B	712A	Red	2.5mm	2.96	2.22	2.04
502-S-760	B	722A	Black	2.1mm	2.92	2.19	2.01

Mini-DIN and DIN Connectors

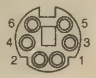
SHIELDED MINI-DIN CIRCULAR CONNECTORS



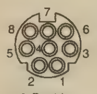
4-Position



5-Position



6-Position



8-Position

Features:
- Choice of plating
- Compact size
- Choice of 4, 5, 6, or 8 pin
- PCB or panel mounting
- Integral one piece shield
- Connector hold-downs

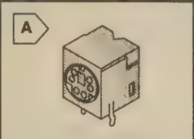
Specifications:
- Housing: 94V-0 thermoplastic
- Contacts: phosphor bronze plated with:
  a.) gold flash nickel underplate
  b.) 30µ nickel underplate
  c.) 15µ nickel underplate
- Recommended PC board thickness: .062"

Right Angle PCB

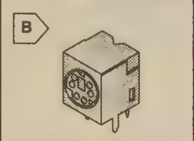
MOUSER STOCK NO.	Fig.	No. of Positions	Plating	Price Each		
				1	10	100
571-7492301	A	4	Gold flash	1.89	1.72	1.56
571-7491811	A	4	30µ	1.73	1.57	1.43
571-7500691	C	4	30µ	3.43	3.12	2.81
571-7492741	A	5	30µ	1.58	1.28	1.14
571-7492311	A	6	Gold flash	2.41	2.19	1.99
571-7491801	A	6	30µ	1.73	1.57	1.43
571-7492651	B	6	Gold flash	2.26	2.06	1.87
571-7492661	B	6	30µ	2.71	2.46	2.24
571-7500711	C	6	30µ	2.40	2.18	1.96
571-7492321	A	8	Gold flash	1.60	1.42	1.31
571-7492681	B	8	Gold flash	1.51	1.34	1.24
571-7500731	C	8	30µ	3.54	3.22	2.39

Panel Mount

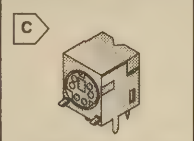
MOUSER STOCK NO.	Fig.	No. of Positions	Plating	Price Each		
				1	10	100
571-7503192	E	4	Gold flash	4.27	3.78	3.50
571-7501312	E	6	30µ	3.59	3.26	2.42
571-7503292	D	6	30µ	4.50	3.98	3.68
571-7503381	D	8	15µ	4.38	4.16	3.88
571-7503401	E	8	15µ	4.38	3.80	3.58
571-7503402	E	8	30µ	4.83	3.78	3.36



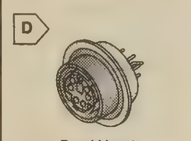
PCB with Hold-Down



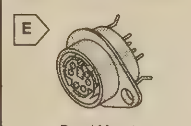
PCB without Hold-Down



PCB with Grounding Fingers

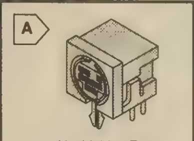


Panel Mount

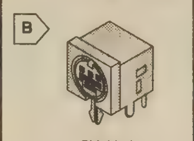


Panel Mount
with Screw Hold-Down

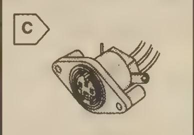
MINI-DIN CONNECTORS



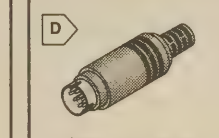
Unshielded Face



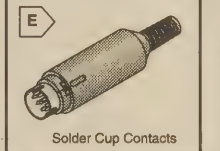
Shielded



8" 26 AWG UL Wire Leads



Solder post termination



Solder Cup Contacts

Features:
- Compact miniature design
- Ideal for I/O connector applications
- Versatile right angle PCB mounting
- Available 3-9 contact positions

Specifications:
- Voltage rating: 100VAC
- Current rating: 1A
- Insulation resistance: 50MΩ
- Breakdown voltage: 250VAC
- Contact resistance: 30MΩ

PCB Unshielded Jacks

MOUSER STOCK NO.	Fig.	Contact Positions	Price Each			
			1	10	100	500
161-2203	A	3 pin	.77	.67	.52	.41
161-2204	A	4 pin	.80	.69	.54	.43
161-2205	A	5 pin	.84	.73	.56	.45
161-2206	A	6 pin	.88	.77	.60	.47
161-2207	A	7 pin	.99	.87	.68	.54
161-2208	A	8 pin	1.09	.95	.74	.58
161-2209	A	9 pin	1.20	1.05	.81	.64

PCB Shielded Jacks

161-2303	B	3 pin	.97	.85	.66	.52
161-2304	B	4 pin	1.00	.87	.68	.54
161-2305	B	5 pin	1.04	.90	.70	.55
161-2306	B	6 pin	1.09	.95	.74	.58
161-2307	B	7 pin	1.21	1.05	.82	.65
161-2308	B	8 pin	1.29	1.13	.88	.69
161-2309	B	9 pin	1.42	1.24	.97	.76

Panel Mount Unshielded Jacks

161-2103	C	3 pin	1.62	1.42	1.10	.90
161-2104	C	4 pin	1.85	1.62	1.25	.99

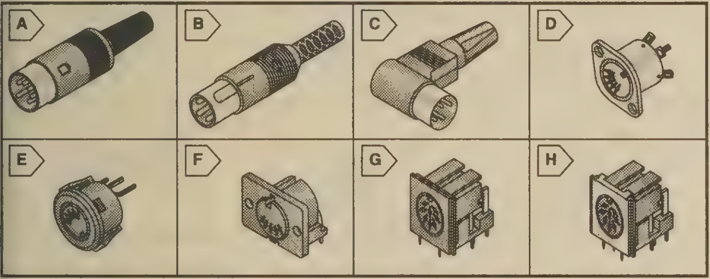
Plugs
- Solder posts
- 4 piece assembly
- Reduced size

171-2503	D	3 pin	.88	.77	.60	.47
171-2504	D	4 pin	.94	.82	.64	.50
171-2506	D	6 pin	1.06	.92	.72	.57
171-2508	D	8 pin	1.18	1.03	.80	.63

Plugs
- Solder cup
- 6 piece assembly

171-2603	E	3 pin	.88	.77	.60	.47
171-2604	E	4 pin	.94	.82	.64	.50
171-2606	E	6 pin	1.06	.92	.72	.57
171-2608	E	8 pin	1.18	1.03	.80	.63
171-2609	E	9 pin	1.57	1.31	1.19	1.08

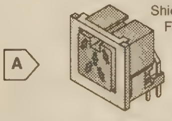
DIN CONNECTORS



MOUSER STOCK NO.	Fig.	Description	Degrees of Arc	Color	Price Each			
					1	10	100	500
DIN Plugs								
171-0273	A	3 pin with strain relief	180°	Black	.65	.44	.40	.36
171-0275	A	5 pin with strain relief	180°	Black	.65	.44	.40	.36
171-0276	A	6 pin with strain relief	240°	Black	.66	.51	.46	.42
171-0278	A	8 pin with strain relief	270°	Black	.74	.58	.52	.47
171-0288	A	8 pin with strain relief	270°	Gray	.74	.58	.52	.47
17PP075	B	3 pin with strain relief	180°	Gray	1.11	.86	.78	.71
17DN100	B	5 pin with strain relief	180°	Gray	1.12	.94	.85	.77
17DN101	B	5 pin with strain relief	180°	Black	1.12	.94	.85	.77
17PP048	B	6 pin with strain relief	240°	Gray	1.33	1.11	1.01	.93
Right Angle DIN Plugs								
171-1031	C	3 pin with strain relief	180°	Gray	1.08	.90	.82	.74
171-1051	C	5 pin with strain relief	180°	Gray	1.23	1.03	.94	.85
171-1080	C	8 pin with strain relief	270°	Black	1.50	1.26	1.12	1.02
171-1081	C	8 pin with strain relief	270°	Gray	1.50	1.26	1.12	1.02
DIN Receptacles								
161-0003	D	3 pin metal body	180°	- - -	.64	.61	.55	.48
161-0005	D	5 pin metal body	180°	- - -	.68	.62	.56	.49
161-0006	D	6 pin metal body	240°	- - -	.83	.75	.69	.62
16PJ102	D	3 pin metal body	180°	- - -	1.03	.79	.72	.65
16DN100	D	5 pin metal body	180°	- - -	1.05	.81	.73	.66
16PJ224	D	6 pin metal body	240°	- - -	1.20	.92	.84	.76
16PJ369	E	5 pin snap-in panel mount	180°	- - -	2.25	1.88	1.71	1.56
PCB DIN Receptacles ✻ Mates with 3 or 5 pins								
161-0503	F	5 pin rt angle PCB mount	180°	- - -	.93	.71	.65	.59
161-0504	G	5 pin unshielded	180°	- - -	.96	.80	.62	.56
161-0505	H	5 pin shielded	180°	- - -	1.10	.92	.71	.65
161-0507	G	8 pin unshielded	270°	- - -	.99	.91	.82	.75
161-0508	H	8 pin shielded	270°	- - -	1.08	.98	.89	.81

SQUARE DIN CONNECTORS

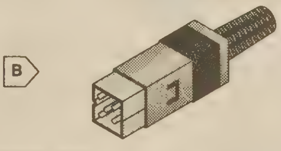
Receptacle



Specifications:
- Insulation resistance: 100MΩ min. @ 500VDC
- Rating: 100VAC 2A
- Dielectric strength: 1,000VAC for 1 minute
- Contact resistance: 20MΩ max.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
161-0215	A	5 pin square PC mount	1.29	1.07	.97	.89

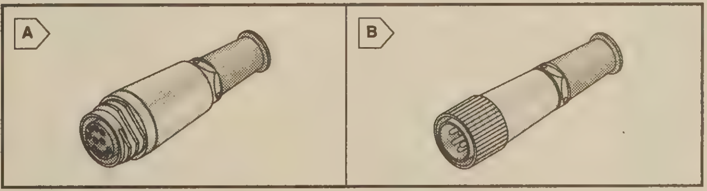
Plug With Strain Relief



Specifications:
- Rating: 12VDC 1A max.
- Insulation resistance: 50MΩ min. @ 250VDC
- Dielectric strength: 250VAC for 1 minute

MOUSER STOCK NO.	Fig.	No. of Pins	Max. Cable O.D. (In.)	Length (In.)	Color	Price Each			
						1	10	100	500
171-4405	B	5 pin	.28	2.7	Black	1.89	1.58	1.44	1.31

CIRCULAR CONNECTORS



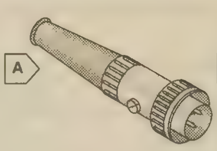
Features:
- 10 pin in-line video connectors designed for video tape recorders
- Metal body
- Strain relief

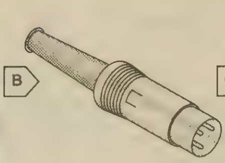
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
171-5830	A	10 pin jack	7.45	6.80	6.20	5.70
161-5820	B	10 pin plug	9.75	8.13	7.39	6.72

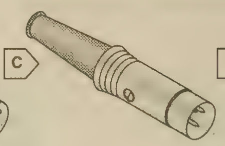
Switchcraft DIN, Weather Tight, and Audio Connectors

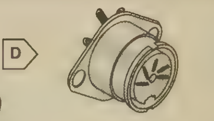
CIRCULAR DIN CONNECTORS

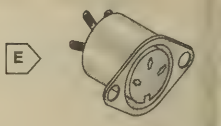
Designed for low level circuitry in computer, commercial, industrial, consumer, and military applications. They are exact replacements for many foreign built products. They are used extensively for computer keyboard, I/O, and peripheral applications.











DIN Cord End Plugs

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-05CL3M	A	3 pins @ 180° with lock ring	6.52	4.89	4.48	4.08
502-05CL5M	A	5 pins @ 180° with lock ring	7.68	5.76	5.28	4.80
502-12CL5M	A	5 pins @ 240° with lock ring	7.32	5.49	5.03	4.58
502-05GM3M	B	3 pins @ 180° with shielded barrel	3.12	2.34	2.15	1.95
502-05GM5M	B	5 pins @ 180° with shielded barrel	4.40	3.30	3.03	2.75
502-12GM5M	B	5 pins @ 240° with shielded barrel	4.48	3.36	3.08	2.80
502-05BL3M	C	3 pins @ 180° with extended barrel	3.56	2.67	2.45	2.23
502-05BL5M	C	5 pins @ 180° with extended barrel	4.72	3.54	3.25	2.95
502-12BL5M	C	5 pins @ 240° with extended barrel	4.72	3.54	3.25	2.95

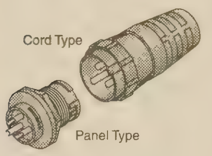
Panel Mount DIN Receptacles

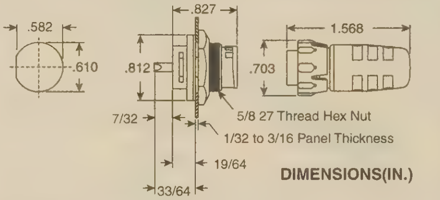
MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-57HA3F	D	3 pins @ 180° for lock ring plug	2.92	2.19	2.01	1.83
502-57HB5F	D	5 pins @ 180° for lock ring plug	3.32	2.49	2.28	2.08
502-61HA5F	D	5 pins @ 240° for lock ring plug	3.60	2.70	2.48	2.25
502-57GB3F	E	3 pins @ 180° for shielded / extended barrel plug	2.44	1.83	1.68	1.53
502-57GB5F	E	5 pins @ 180° for shielded / extended barrel plug	2.84	2.13	1.95	1.78
502-61GB5F	E	5 pins @ 240° for shielded / extended barrel plug	2.84	2.13	1.95	1.78

EN3™ MINI WEATHER TIGHT CONNECTOR SERIES

Features:

- Double-sealed for moisture & chemical resistance
- Integral O-ring and gasket - O-ring is molded onto cord housing and gasket is molded onto panel housing to prevent leakage and eliminate need for additional O-rings and gaskets
- Thermoplastic rubber body simulates closed entry contact system to prevent probe damage or accidental loss of spring retention due to misaligned or bent pins
- Easy contact removal
- Low insertion force required
- Choose cord plug or panel mount
- Abrasion-resistant thermoplastic boot provides strain relief and accepts cable diameter .195" to .265"
- Housing rated UL 94V-O against flammability
- Contact terminal: solder cup contacts
- Panel connector shell has a positioning keyway to prevent misalignments and a polarizing single "D" design for proper panel mounting and prevents rotational movement
- No grommets - cable clamp assembly has living hinges, which snap easily onto and holds the cable
- Exceeds Coast Guard specifications for water tightness (CFR 46 PART 110.20)





DIMENSIONS(IN.)

Applications:

- Process control
- Marine electronics
- Medical instrumentation
- Geothermal instrumentation
- Communication
- Transportation
- General industrial electronics

Protective Cap

• Not illustrated

• Covers the panel housing assembly when not in use

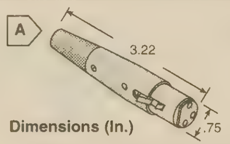
MOUSER STOCK NO.	Price Each 1	10	25
502-EN3CAP	.92	.69	.63

Receptacles

MOUSER STOCK NO.	Contact Positions	Price Each 1	10	25
Cord Type				
502-EN3C3F	3 pin	4.88	3.66	3.36
502-EN3C4F	4 pin	5.84	4.38	4.02
502-EN3C5F	5 pin	6.80	5.10	4.68
502-EN3C6F	6 pin	7.76	5.82	5.34
502-EN3C7F	7 pin	8.76	6.57	6.02
502-EN3C8F	8 pin	9.72	7.29	6.68
Panel Type				
502-EN3P3F	3 pin	4.32	3.24	2.97
502-EN3P4F	4 pin	5.24	3.93	3.60
502-EN3P5F	5 pin	6.16	4.62	4.24
502-EN3P6F	6 pin	7.12	5.34	4.90

Plugs

MOUSER STOCK NO.	Contact Positions	Price Each 1	10	25
Cord Type				
502-EN3C3M	3 pin	3.52	2.64	2.42
502-EN3C4M	4 pin	4.04	3.03	2.78
502-EN3C5M	5 pin	4.64	3.48	3.19
502-EN3C6M	6 pin	5.16	3.87	3.55
Panel Type				
502-EN3P3M	3 pin	3.12	2.34	2.15
502-EN3P4M	4 pin	3.64	2.73	2.50
502-EN3P5M	5 pin	4.20	3.15	2.89
502-EN3P6M	6 pin	4.76	3.57	3.27
502-EN3P7M	7 pin	5.28	3.96	3.63
502-EN3P8M	8 pin	5.84	4.38	4.02



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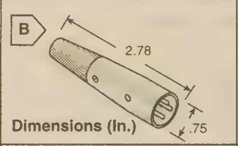

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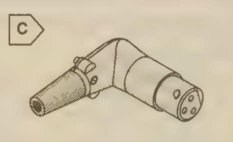

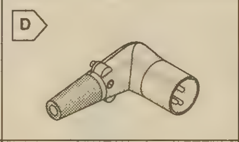

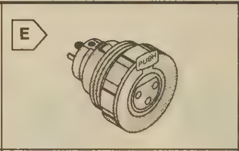

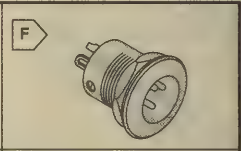

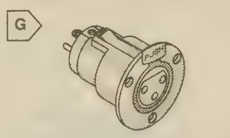

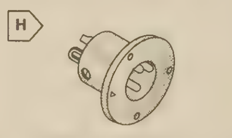

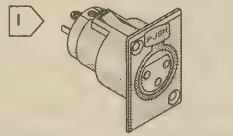

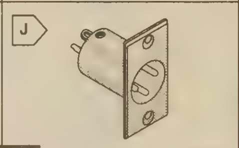

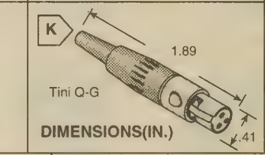

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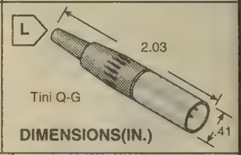
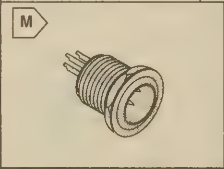
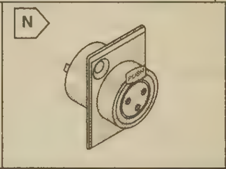
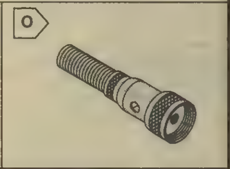


DIMENSIONS(IN.)







"Q-G" QUICK GROUND AUDIO CONNECTORS

"Q-G" connectors feature a separate ground terminal integral with the connector shell. The high-impact thermoplastic insert is retained by a loss preventing captive design screw, female connectors have positive latch lock system.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
Cord End Plugs						
502-A3F	A	3 pin female plug	5.60	4.20	3.85	3.50
502-A3FB	A	3 pin female plug (black)	5.60	4.20	3.85	3.50
502-A3M	B	3 pin male plug	4.96	3.72	3.41	3.10
502-A3MB	B	3 pin male plug (black)	4.96	3.72	3.41	3.10
502-A4F	A	4 pin female plug	7.80	5.85	5.36	4.88
502-A4M	B	4 pin male plug	5.72	4.29	3.93	3.58
502-A5F	A	5 pin female plug	12.72	9.54	8.75	7.95
502-A5M	B	5 pin male plug	10.08	7.56	6.93	6.30
502-R3F	C	3 pin female right angle plug	15.92	11.94	10.95	9.95
502-R3M	D	3 pin male right angle plug	14.68	11.01	10.09	9.18
Panel Mount Receptacles						
502-B3F	E	3 pin female receptacle	14.56	10.92	10.01	9.10
502-B3FB	E	3 pin female receptacle (black)	14.56	10.92	10.01	9.10
502-B3M	F	3 pin male receptacle	8.84	6.63	6.08	5.53
502-B3MB	F	3 pin male receptacle (black)	8.84	6.63	6.08	5.53
502-B4M	F	4 pin male receptacle	9.08	6.81	6.24	5.68
502-C3F	G	3 pin female receptacle	8.44	6.33	5.80	5.28
502-C3M	H	3 pin male receptacle	6.00	4.50	4.13	3.75
502-C4F	G	4 pin female receptacle	10.64	7.98	7.32	6.65
502-C4M	H	4 pin male receptacle	6.40	4.80	4.40	4.00
502-C5F	G	5 pin female receptacle	17.04	12.78	11.72	10.65
502-C5M	H	5 pin male receptacle	11.24	8.43	7.73	7.03
502-D3F	I	3 pin female receptacle	6.32	4.74	4.35	3.95
502-D3FBAU	I	3 pin female receptacle, black w/gold contacts	7.40	5.55	5.09	4.63
502-D3M	J	3 pin male receptacle, nickel	4.68	3.51	3.22	2.93
502-D3MB	J	3 pin male receptacle, black	4.68	3.51	3.22	2.93
502-D3MBAU	J	3 pin male receptacle, black w/gold contacts	6.08	4.56	4.18	3.80
502-D4F	I	4 pin female receptacle, nickel	8.96	6.72	6.16	5.60
502-D4M	J	4 pin male receptacle, nickel	5.56	4.17	3.82	3.48
502-D5F	I	5 pin female receptacle, nickel	14.48	10.86	9.96	9.06

TINI "Q-G" QUICK GROUND AUDIO CONNECTORS

Miniature connectors, ideal for use with slim lavaliere microphones and instrumentation using shielded or unshielded cables. Positive latch locking system and molded thermo plastic strain relief.

Cord End Plugs

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	25	100
502-TA3F	K	3 pin female plug	8.20	6.15	5.64	5.13
502-TA3M	L	3 pin male plug	6.84	5.13	4.70	4.28
502-TA4F	K	4 pin female plug	8.92	6.69	6.13	5.58
502-TA4M	L	4 pin male plug	7.44	5.58	5.12	4.65

Panel Mount Receptacles

502-TB3M	M	3 pin male receptacle	7.52	5.64	5.17	4.70
502-TB4M	M	4 pin male receptacle	8.28	6.21	5.69	5.18
502-TY3F	N	3 pin female receptacle	8.84	6.63	6.08	5.53
502-TY4F	N	4 pin female receptacle	9.56	7.17	6.57	5.98

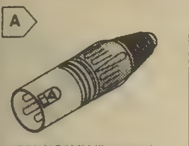
MICROPHONE CONNECTOR

Designed with 5/8-27 threads for use with single conductor microphones with cable O.D. No greater than .281". The coupling ring is removable for fast change from female to male type.

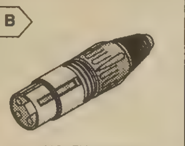
502-2501F	O	Female microphone connector	3.96	2.97	2.72	2.48

NEUTRIK USA Audio Connectors

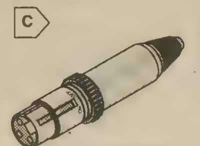
CONNECTING THE WORLD



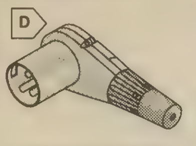
568-NC3MX Illustrated



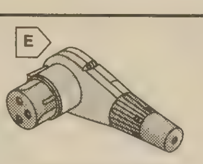
568-NC3FX Illustrated



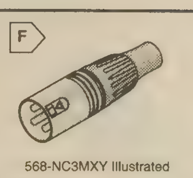
On-Off Switch



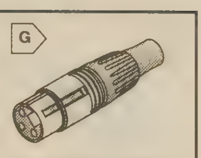
568-NC3MRC Illustrated



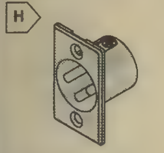
568-NC3FRC Illustrated



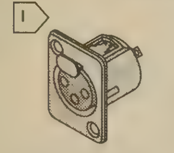
568-NC3MXY Illustrated



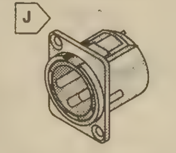
568-NC3FXY Illustrated



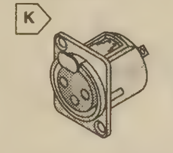
568-NC3MP Illustrated



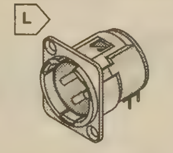
568-NC3FP-1 Illustrated



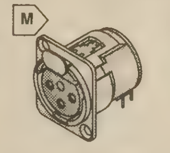
568-NC3MD-L-1 Illustrated



568-NC3FD-L-1 Illustrated



568-NC3MD-H Illustrated



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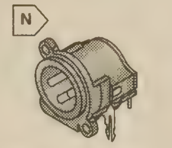
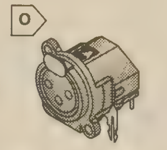


568-NC3MK-H Illustrated



568-NC3FK-H Illustrated

XLR SERIES CONNECTORS

Specifications:

- Current rating per contact: 3C = 16A, 4C = 10A, 5C = 7.5A, 6C = 7.5A, 7C = 5A
- Maximum wire gauge: 3C = 14AWG, 4C = 16AWG, 5C = 16AWG, 6C = 16AWG, 7C = 18AWG
- Contact resistance: ≤ 3mΩ

X Series Straight Cable Connectors

- Screwless assembly
- Compact design
- Die-cast shell
- Chuck type strain relief

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cont.	Gender	Housing	Contacts	Price Each		
						1	10	25
568-NC3MX	A	3	Male	Satin nickel	Silver	2.98	2.71	2.46
568-NC4MX	A	4	Male	Satin nickel	Silver	4.58	4.16	3.92
568-NC5MX	A	5	Male	Satin nickel	Silver	5.52	5.02	4.74
568-NC6MX	A	6	Male	Satin nickel	Silver	4.90	4.57	4.30
568-NC7MX	A	7	Male	Satin nickel	Silver	6.08	5.53	5.21
568-NC3FX	B	3	Female	Satin nickel	Silver	2.86	2.76	2.53
568-NC4FX	B	4	Female	Satin nickel	Silver	5.59	5.08	4.78
568-NC5FX	B	5	Female	Satin nickel	Silver	6.48	5.89	5.54
568-NC6FX	B	6	Female	Satin nickel	Silver	7.45	6.77	6.37
568-NC7FX	B	7	Female	Satin nickel	Silver	8.18	7.44	7.00
568-NC3FX-S	C	3	Female	Satin nickel	Silver	10.04	9.13	8.59
568-NC3MX-B	A	3	Male	Black chrome	Gold	4.03	3.66	3.33
568-NC4MX-B	A	4	Male	Black chrome	Gold	5.62	5.11	4.81
568-NC5MX-B	A	5	Male	Black chrome	Gold	6.55	5.95	5.60
568-NC3FX-B	B	3	Female	Black chrome	Gold	4.68	4.25	4.00
568-NC4FX-B	B	4	Female	Black chrome	Gold	7.16	6.51	6.13
568-NC5FX-B	B	5	Female	Black chrome	Gold	6.48	5.89	5.54

RC Series Right Angle Cable Connectors

- 7 x 45° indexing
- Chuck type cable clamp

For quantities greater than listed, call for quote.

568-NC3MRC	D	3	Male	Satin nickel	Silver	8.23	7.48	7.05
568-NC4MRC	D	4	Male	Satin nickel	Silver	9.35	8.50	8.00
568-NC3FRC	E	3	Female	Satin nickel	Silver	9.86	8.96	8.43
568-NC4FRC	E	4	Female	Satin nickel	Silver	11.13	10.12	9.52
568-NC3MRC-B	D	3	Male	Black chrome	Gold	9.45	8.59	8.08
568-NC4MRC-B	D	4	Male	Black chrome	Gold	10.60	9.64	9.07
568-NC3FRC-B	E	3	Female	Black chrome	Gold	10.31	9.37	8.82
568-NC4FRC-B	E	4	Female	Black chrome	Gold	12.02	10.93	10.29

XY Series Non-Soldering 3-Pole Cable XLR's

Features:

- Insulation displacement technology
- No assembly tools necessary
- Choice of shell grounding
- Same basic elements as "X" series

Specifications:

- Current rating per contact: 3A
- Maximum wire gauge: 24AWG
- Contact resistance: < 3mΩ

For quantities greater than listed, call for quote.

568-NC3MXY-B	F	3	Male	Black chrome	Gold	3.58	3.25	3.06
568-NC3FXY-B	G	3	Female	Black chrome	Gold	4.20	3.82	3.60

XLR SERIES RECEPTACLES

Specifications:

- Current rating per contact: 3C = 16A, 4C = 10A, 5C = 7.5A, 6C = 7.5A
- Maximum wire gauge: 3C = 14AWG, 4C = 16AWG, 5C = 16AWG, 6C = 16AWG
- Contact resistance: ≤ 3mΩ
- Rated voltage: 250VAC

P Series Rectangular Flanged Panel Receptacles

- Smallest available

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cont.	Gender	Housing	Contacts	Price Each		
						1	10	25
568-NC3MP	H	3	Male	Satin nickel	Silver	3.21	2.92	2.65
568-NC4MP	H	4	Male	Satin nickel	Silver	4.07	3.70	3.49
568-NC5MP	H	5	Male	Satin nickel	Silver	6.92	6.29	5.93
568-NC6MP	H	6	Male	Satin nickel	Silver	8.04	7.31	6.88
568-NC3FP-1	I	3	Female	Satin nickel	Silver	3.49	3.17	2.88
568-NC4FP-1	I	4	Female	Satin nickel	Silver	6.73	6.12	5.76
568-NC5FP-1	I	5	Female	Satin nickel	Silver	9.50	8.64	8.13
568-NC6FP-1	I	6	Female	Satin nickel	Silver	12.56	11.42	10.75
568-NC3MP-B	H	3	Male	Black chrome	Gold	4.51	4.10	3.86
568-NC4MP-B	H	4	Male	Black chrome	Gold	5.50	5.00	4.71
568-NC5MP-B	H	5	Male	Black chrome	Gold	8.02	7.29	6.86
568-NC3FP-1-B	I	3	Female	Black chrome	Gold	4.94	4.49	4.08
568-NC4FP-1-B	I	4	Female	Black chrome	Gold	7.74	7.04	6.62
568-NC5FP-1-B	I	5	Female	Black chrome	Gold	11.17	10.15	9.55

DL Series Rectangular Flanged Panel Receptacles

- Unified metal shell for male and female
- RF-protected
- Solder cups
- No. of contacts: 3

568-NC3MD-L-1	J	3	Male	Satin nickel	Silver	3.20	2.91	2.74
568-NC3FD-L-1	K	3	Female	Satin nickel	Silver	3.52	3.20	2.91
568-NC3MD-L-1-B	J	3	Male	Black chrome	Gold	3.76	3.42	3.22
568-NC3FD-L-1-B	K	3	Female	Black chrome	Gold	3.85	3.51	3.28
568-103F	- -	Single NC3FD-L-1 female wall plate receptacle				9.72	8.84	8.32

D Series Rectangular Flanged Panel Receptacles

- Unified metal shell for male and female
- RF-protected
- PCB
- No. of contacts: 3

MOUSER STOCK NO.	Fig.	Mount	Gender	Housing	Contacts	Price Each		
						1	10	25
568-NC3MD-V	L	Vert.	Male	Satin nickel	Silver	3.87	3.52	3.31
568-NC3MD-H	L	Horiz.	Male	Satin nickel	Silver	3.87	3.52	3.31
568-NC3FD-V	M	Vert.	Female	Satin nickel	Silver	4.03	3.66	3.33
568-NC3FD-H	M	Horiz.	Female	Satin nickel	Silver	4.03	3.66	3.33

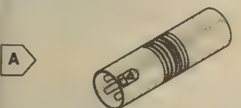
K Series Rectangular Flanged Panel Receptacles

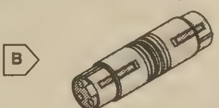
- Metal brackets secure the socket to the PCB
- Machine insertable

For quantities greater than listed, call for quote.

568-NC3MK-V	N	Vert.	Male	HD-Zytel	Silver	2.98	2.71	2.46
568-NC3MK-H	N	Horiz.	Male	HD-Zytel	Silver	2.98	2.71	2.46

ADAPTERS FOR PROFESSIONAL AUDIO





For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
568-NA3MM/W	A	XLR male to XLR male, pre-wired	9.99	9.08	8.54
568-NA3FF/W	B	XLR female to XLR female, pre-wired	12.23	11.12	10.46

XLR RECEPTACLES A-SERIES/B-SERIES

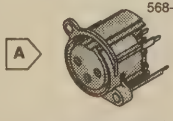
Specifications:

- Current rating per contact: 6A
- Rated voltage: 250VAC
- Contact resistance: female < 5mΩ, male: < 3mΩ

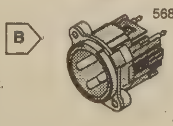
Features:

- Same dimensions for male and female
- Hard gold plated contacts

"A" Series: one piece high impact plastic shell. Internal shell and chassis contact.
"B" Series: metal shell with plastic insert. Shell of F-version connected to mating shell with grounding contacts.



568-NC3FAV-0 Illustrated



568-NC3MBV Illustrated

∗ No chassis ground
∗∗ Pin 1 directly connected to chassis and shell ground

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cont.	Gender	Series	Mount	Price Each		
						1	10	25
568-NC3FAH-O	A	3	Female	"A" ∗	Horiz.	1.11	1.01	.95
568-NC3FAV-O	A	3	Female	"A" ∗	Vert.	1.11	1.01	.95
568-NC3FBH-1	A	3	Female	"B" ∗∗	Horiz.	3.38	3.07	2.89
568-NC3FBV-1	A	3	Female	"B" ∗∗	Vert.	3.38	3.07	2.89
568-NC3MAH	B	3	Male	"A"	Horiz.	1.75	1.59	1.50
568-NC3MAV	B	3	Male	"A"	Vert.	1.75	1.59	1.50
568-NC3MAH-0	B	3	Male	"A" ∗	Horiz.	1.75	1.59	1.50
568-NC3MAV-0	B	3	Male	"A" ∗	Vert.	1.75	1.59	1.50
568-NC3MBH	B	3	Male	"B"	Horiz.	2.97	2.70	2.54
568-NC3MBV	B	3	Male	"B"	Vert.	2.97	2.70	2.54

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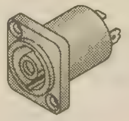

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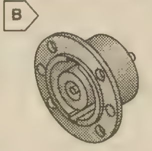

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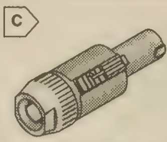
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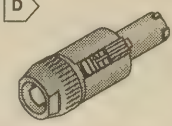
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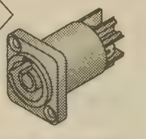
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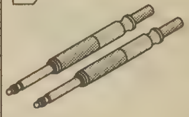

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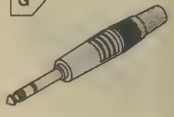
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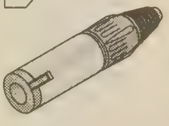

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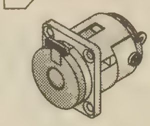

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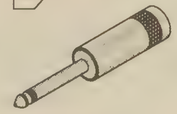
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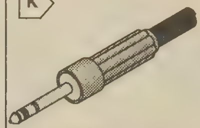
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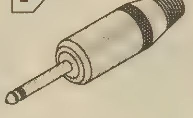
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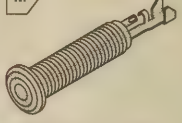
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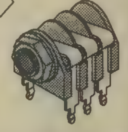
568-NYS218 Illustrated

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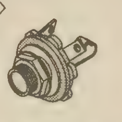
568-NYS229 Illustrated

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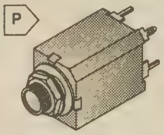
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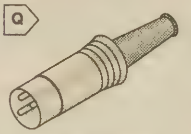
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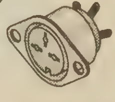
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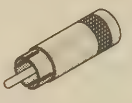

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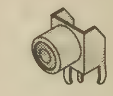

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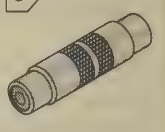


SPEAKON® LOUDSPEAKER AMPLIFIER CONNECTORS

- Current rating per contact: 40A for 1 minute
- Contact resistance: ≤ 3mΩ after 5000 insertions
- Rated voltage: 250VAC
- Terminations are solderless
- Panel cutouts the same as existing audio connector types

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Gender	Mount	Price Each		
					1	10	25
568-NL4MP	A	4-pole	Male	Chassis mount	3.41	3.18	2.98
568-NL4MPR	B	4-pole	Male	Chassis mount, round flange	4.43	4.10	3.84
568-NL4FC	C	4-pole	Female	Cable mount	6.62	6.02	5.67
568-NL4MM	- -	4-pole	Male	Coupler mount	7.43	6.75	6.35
568-NL8MPR	B	8-pole	Male	Chassis mount, round flange	8.17	7.43	6.99
568-NL8FC	C	8-pole	Female	Cable mount	10.44	10.35	9.73

POWERCON® LOCKING 3-POLE CONNECTION SYSTEM

- Rated current: 20A rms @ wire size 2.5mm²
- Rated voltage: 250VAC
- Contact resistance: ≤3mΩ after 5000 insertion withdrawal operations
- Cable OD range: 5-15mm
- Wiring:
  cable: screw type terminals
  chassis: flat tabs

MOUSER STOCK NO.	Fig.	Mount	Gender	Type	Price Each		
					1	10	25
568-NAC3FCA	D	Cable	Female	Power in	5.68	5.08	4.63
568-NAC3FCB	D	Cable	Female	Power out	5.68	5.08	4.63
* 568-NAC3MPA	E	Chassis	Male	Power in	2.85	2.55	2.33
* 568-NAC3MPB	E	Chassis	Male	Power out	2.85	2.55	2.33
568-NAC3MM	- -	Coupler (for coupling NAC3FCA to NAC3FCB)	- - -	- - -	11.65	10.42	9.50

* The chassis connectors are panel compatible with Neutrik D-Series and SPEAKON NL4MP

PATCH CORD ASSEMBLIES

- Stranding 24AWG: 60 x 0.0028"

MOUSER STOCK NO.	Fig.	Length (In.)	Color	Nominal O.D. (In.)	Price Each		
					1	10	25
568-NKTT05-BLK	F	24	Black	.18	17.48	15.89	14.96
568-NKTT05-R	F	24	Red	.18	17.48	15.89	14.96

JACKS AND PLUGS

1/4" Professional Phone Plugs

- Diecast shell
- Soldering terminations
- Chuck-type strain relief
- Plastic sleeve for optimal cable protection

MOUSER STOCK NO.	Fig.	No. of Cont.	Housing	Contacts	Price Each		
					1	10	25
568-NP2C	G	2	Nickel satin	Nickel	3.19	2.90	2.73
568-NP2C-BAG	G	2	Black chrome	Nickel	3.19	2.90	2.73
568-NP3C	G	3	Nickel satin	Nickel	3.93	3.57	3.36
568-NP3C-BAG	G	3	Black chrome	Nickel	3.93	3.57	3.36

1/4" Right Angle Professional Phone Plug

- Chuck-type strain relief
- Ground termination without soldering

568-NP2RCS	- -	2	Nickel satin	Nickel	3.52	3.20	3.01

Longframe TB Phone Plugs

- All metal
- Soldering terminations
- Chuck-type strain relief
- No rivets or screws

568-NP3TB-B	- -	3	Black	Nickel	7.56	6.87	6.46
568-NP3TB-R	- -	3	Red	Nickel	7.56	6.87	6.46

Locking 1/4" Cable-Jack

- Mates with all mono or stereo plugs
- Provides secure lockable interconnection with latch release

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Housing	Contacts	Terminations	Price Each		
					1	10	25
568-NJ3FC6	H	Nickel satin	Silver	Soldering	6.34	5.76	5.42

JACKS AND PLUGS (cont.)

Locking 1/4" Chassis-Jack

- Mates with all mono or stereo plugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Housing	Contacts	Terminations	Price Each		
					1	10	25
568-NJ3FP6C	I	Nickel satin	Silver	PCB-soldering	6.39	5.81	5.47

ECONOMICAL 1/4" PHONE PLUGS

MOUSER STOCK NO.	Fig.	Description	Competitive Equivalent	Price Each		
				1	10	25
568-NYS201	J	Mono, short handle		1.23	1.05	.97
568-NYS202	J	Stereo, short handle		1.72	1.48	1.36
568-NYS203	K	Mono, plastic handle	Switchcraft 250	1.16	1.00	.92
568-NYS204	K	Stereo, plastic handle	Switchcraft 267	1.27	1.09	1.00
568-NYS224	J	Mono, long handle	Switchcraft 280	1.27	1.09	1.00
568-NYS224L	J	Mono, long handle, outlet D=9.5mm	Switchcraft 285L	1.33	1.15	1.05
568-NYS228	J	Stereo, long handle	Switchcraft 297	2.34	2.02	1.85
568-NYS225	L	Mono, lg. shell for speaker cable	Switchcraft 187	2.47	2.13	1.96
568-NYS225B	L	Mono, black large shell for speaker cable	Switchcraft 1878	2.47	2.13	1.96

ECONOMICAL 1/4" PHONE JACKS

568-NYS220	M	Mono, long bushing	Switchcraft 151	2.04	1.76	1.62
568-NYS220/3	M	Stereo, long bushing	Switchcraft 152B	2.13	1.83	1.68
568-NYS221	M	Stereo, for guitar strap		2.13	1.83	1.68
568-NYS212	N	Stereo, solder tabs		.65	.56	.51
568-NYS212/2	N	Mono, solder tabs		.62	.54	.49
568-NYS215	N	Stereo	ReAn M223-03	.80	.68	.63
568-NYS215/2	N	Mono		.77	.67	.61
568-NYS216	N	Stereo	ReAn M203-03	.65	.56	.51
568-NYS216/2	N	Mono		.62	.54	.49
568-NYS218	N	Stereo		.62	.54	.49
568-NYS218/2	N	Mono		.65	.56	.51
568-NYS219	N	Stereo		.65	.56	.51
568-NYS219/2	N	Mono	ReAn M223-03	.62	.54	.49
568-NYS229	O	Mono	Switchcraft 11	.92	.80	.73
568-NYS229L	O	Mono, .205" faston tabs		.84	.72	.66
568-NYS230	O	Stereo	Switchcraft 12B	1.03	.89	.82
568-NYS234	P	Stereo, tip open, ring open		.88	.76	.70
568-NYS234-3	P	Stereo, tip closed, ring closed		.54	.46	.43

ECONOMICAL DIN CONNECTORS

MOUSER STOCK NO.	Fig.	Description	Competitive Equivalent	Price Each		
				1	10	25
568-NYS321	Q	3 pin plug	Switchcraft 05BL3M	1.20	1.04	.95
568-NYS322	Q	5 pin plug	Switchcraft 05BL5M	1.25	1.07	.99
568-NYS323	Q	7 pin plug	Switchcraft 15BL7M	1.31	1.13	1.04
568-NYS324	R	3 pin receptacle	Switchcraft 57GB3F	.49	.43	.39
568-NYS325	R	5 pin receptacle	Switchcraft 57GB5F	.56	.48	.44
568-NYS326	R	7 pin receptacle	Switchcraft 62GB7F	.62	.54	.49

ECONOMICAL PHONO CONNECTORS

568-NYS352	S	Plug	Switchcraft 3502L, 3502A	.88	.76	.70
568-NYS354	T	Receptacle	- - -	.54	.46	.43
568-NYS355	U	Adapter	Switchcraft 349A	1.81	1.55	1.43

NYLON XLR PANEL MOUNT STUDIO CONNECTORS

The XLR connectors manufactured by Re án (made in the United Kingdom), over the last several years, have firmly established themselves as offering exceptional value coupled with superb contact performance. The inherent cost advantages of flat pin contact technology are undisputed over older style pins. Their latest generation of XLR's now eature a new and much larger "shell" type contact. These new contacts offer performance improvements in higher current applications, like output circuits, especially where repeated insertions are typical.

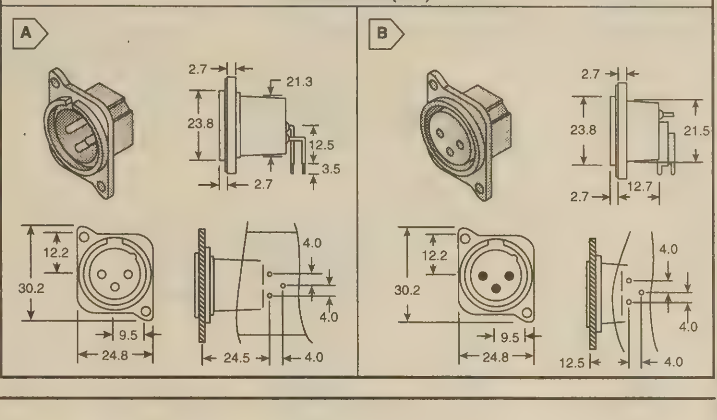
Features:
- Body material: heavy duty nylon
- Contact material: nickel silver/silver

Electrical Specifications:
- Contact resistance: <0.10Ω
- Temperature range: 0°C to +70°C

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
550-90601	A	3-pin male with right angle PCB terminals	1.58	1.32	1.20
550-90701	B	3-pin female with right angle PCB terminals	.89	.72	.65
550-50000	-	Re án XFIX-01 Quick release mounting screws	.12	.10	.097

DIMENSIONS (mm)



DIECAST .173" STUDIO JACKS SOLDER TERMINALS

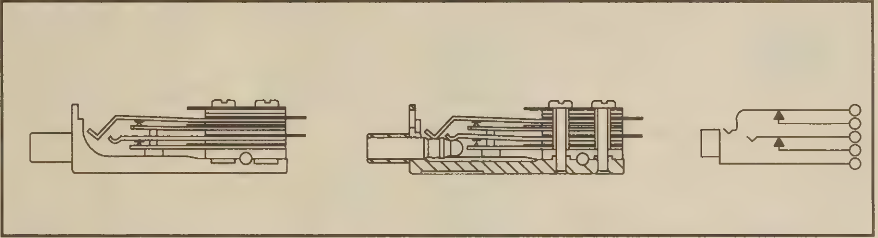
A brand new range of patch bay jacks designed by Re án to exceed the performance of the world's best. The exclusive precision die cast chassis eliminates flex and the chance of intermittent contact performance. Solid palladium contacts, welded to high grade nickel silver spring leaves for maximum contact pressure, provide the best possible electrical performance.

Features:
- Chassis: rigid die cast alloy
- Spring: solid nickel silver
- Contact: solid palladium

Electrical Specifications:
- Contact rating: 750mA
- Voltage rating: 100VDC
- Temperature range: -40°C to +75°C

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	10	100
550-50003	3 cond. with 2 N-C switches	2.86	2.69	2.60



NYLON 1/4" STANDARD JACK SOCKETS

Material Specifications:
- Body material: heavy duty nylon
- Contact material: solid nickel silver

Electrical Specifications:
- Insulation resistance: >7000 MΩ@ 50VDC
- Test voltage: 2000V
- Temperature range: 0°C ~ +70°C

Standard Mono

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Circuit Type	Terminal Type	Nose Type	Price Each		
					1	10	100
550-10021	A	Single, single	S	1	.68	.52	.47
550-10201	A	Break, break	P	1	.73	.56	.51
550-12202	A	Break, break	P	3	1.11	.87	.79

Standard Stereo

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Circuit Type	Terminal Type	Nose Type	Price Each		
					1	10	100
550-20301	B	Break, break, break	P	1	.74	.57	.52
550-22302	B	Break, break, break	P	3	1.36	1.07	.97

NYLON 1/4" SLIM JACK SOCKETS

Material Specifications:
- Body material: heavy duty nylon
- Contact material: solid nickel silver
- 19% space saving advantage over standard socket

Electrical Specifications:
- Contact resistance: <0.025 MΩ
- Temperature range: 0°C ~ +70°C

*Chassis Grounding

Slim Mono

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Fig.	Circuit Type	Nose Type	Price Each		
				1	10	100
550-10284	C	Break, break	1	.69	.54	.49
550-15284	C	Break, break	2	.69	.54	.49

Slim Stereo

For quantities greater than listed call for quote.

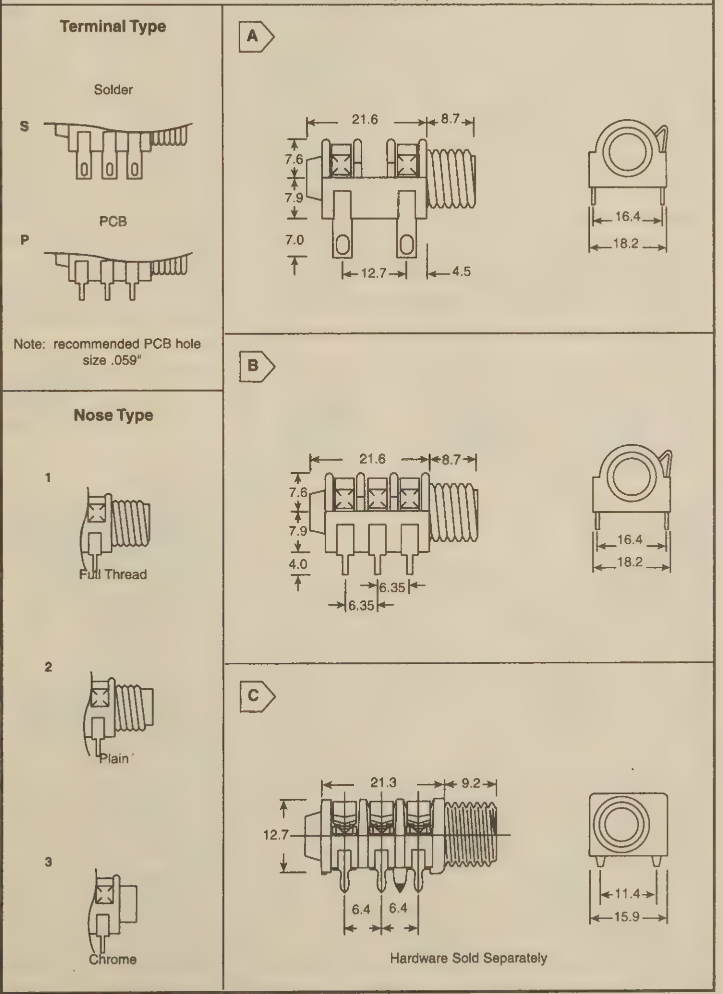
MOUSER STOCK NO.	Fig.	Circuit Type	Nose Type	Price Each		
				1	10	100
550-20311	C	Break, break, break	1	.88	.68	.62
550-20384	C	Break, break, break	1	.90	.70	.64
550-25301	C	Break, break, break	2	.88	.68	.62

Nuts for Standard and Slim Jack Sockets

For quantities greater than listed call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	10	100
550-1005	Standard plastic nut	.13	.12	.10
550-1001	Nickel plated slotted ring nut	.68	.52	.47

DIMENSIONS (mm)



Note: recommended PCB hole size .059"

Hardware Sold Separately

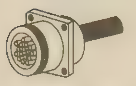
tyco Electronics **AMP**

CPC Circular Connectors

"SERIES 1" CPC CIRCULAR PLASTIC CONNECTORS (SIZE 16 CONTACTS)

∗ STD. Gender= Pin contacts in receptacle housings, socket contacts in plug housings
∗ REV. Gender= Socket contacts in receptacle housings, pin contacts in plug housings

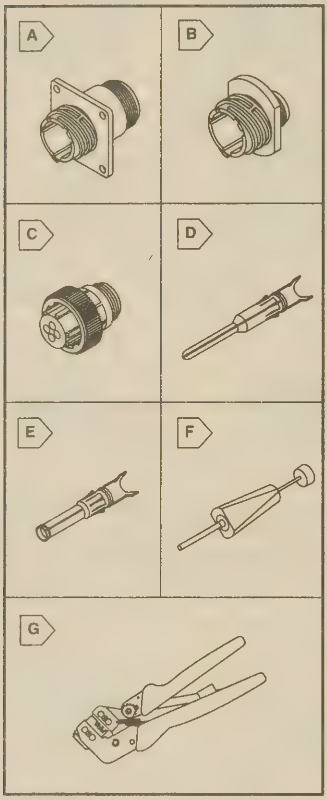
- **.062" Pin Diameter**


Standard Receptacle (with pin contacts)

Standard Receptacle (with socket contacts and optional cable clamps)

E28476 LR16455

NEW!



Connectors

Pins and sockets must be ordered separately.
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size / No. of Contact	Gender ∗	Price Each		
				1	10	100
Square Flange Receptacles						
571-2060611	A	11 - 4	Std.	1.98	1.32	.92
571-2064301	A	11 - 4	Rev.	2.04	1.36	.95
571-2067051	A	13 - 9	Std.	2.13	1.42	.99
571-2060431	A	17 - 14	Rev.	2.25	1.50	1.05
571-2060361	A	17 - 16	Std.	2.25	1.50	1.05
571-2068381	A	23 - 24	Std.	2.82	1.88	1.32
571-2061511	A	23 - 37	Std.	2.58	1.72	1.20
571-2063061	A	23 - 37	Rev.	2.58	2.40	2.18
Free Hanging Receptacles						
571-2061531	B	11 - 4	Std.	2.16	1.44	1.13
571-2064302	B	11 - 4	Rev.	2.04	1.36	.95
571-2067052	B	13 - 9	Std.	2.19	1.46	1.22
571-2060433	B	17 - 14	Rev.	3.03	2.02	1.61
571-2060363	B	17 - 16	Std.	2.25	1.50	1.26
571-2068382	B	23 - 24	Std.	4.05	2.70	2.22
571-2061512	B	23 - 37	Std.	4.51	4.10	3.73
571-2063062	B	23 - 37	Rev.	2.79	2.54	2.00
Plugs						
571-2060601	C	11 - 4	Std.	2.46	1.64	1.15
571-2064291	C	11 - 4	Rev.	2.49	1.66	1.16
571-2067081	C	13 - 9	Std,	2.70	1.80	1.26
571-2060441	C	17 - 14	Rev.	2.82	1.88	1.32
571-2060371	C	17 - 16	Std.	2.82	1.88	1.32
571-2068371	C	23 - 24	Std.	3.63	2.42	2.11
571-2061501	C	23 - 37	Std.	3.24	2.16	1.89
571-2063051	C	23 - 37	Rev.	3.24	2.16	1.81
Square Flange Receptacles, VDE Tested						
571-2114011	A	13 - 7	Std.	2.77	2.63	2.34
571-2117671	A	17 - 9	Std.	3.04	2.74	2.28
571-2117711	A	23 - 19	Std.	3.62	3.13	2.55
571-2113981	A	13 - 7	Rev.	3.18	2.79	2.65
571-2117691	A	17 - 9	Rev.	3.53	2.62	2.25
571-2117731	A	23 - 19	Rev.	3.32	2.99	2.49
Plugs, VDE Tested						
571-2113991	C	13 - 7	Std.	2.48	2.35	2.10
571-2117661	C	17 - 9	Std.	4.08	2.62	2.32
571-2117702	C	23 - 19	Std.	4.86	4.37	3.65
571-2114001	C	13 - 7	Rev.	3.81	3.34	3.16
571-2117681	C	17 - 9	Rev.	3.76	2.41	2.03
571-2117721	C	23 - 19	Rev.	4.06	3.65	3.05

Connectors (cont.)

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Shell Size / No. of Contact	Gender ∗	Price Each		
				1	10	100
Square Flange Receptacles with Peripheral Seal						
571-2064303	A	11 - 4	Rev.	4.64	4.39	4.13
571-2067053	A	13 - 9	Std.	3.78	2.52	1.67
571-2060364	A	17 - 16	Std.	4.20	3.78	3.05
571-2060434	A	17 - 4	Rev.	2.92	2.63	2.19
571-2068383	A	23 - 24	Std.	3.12	2.81	2.34
Free Hanging Receptacles with Peripheral Seal						
571-2067054	B	13 - 9	Std.	3.54	3.19	2.66
571-2060365	B	17 - 16	Std.	3.62	3.26	2.72
571-2060435	B	17 - 4	Rev.	4.34	3.91	3.26
571-2068384	B	23 - 24	Std.	4.34	3.91	3.26
571-2061514	B	23 - 37	Std.	3.46	3.11	2.60

Contacts

For quantities greater than listed, call for quote

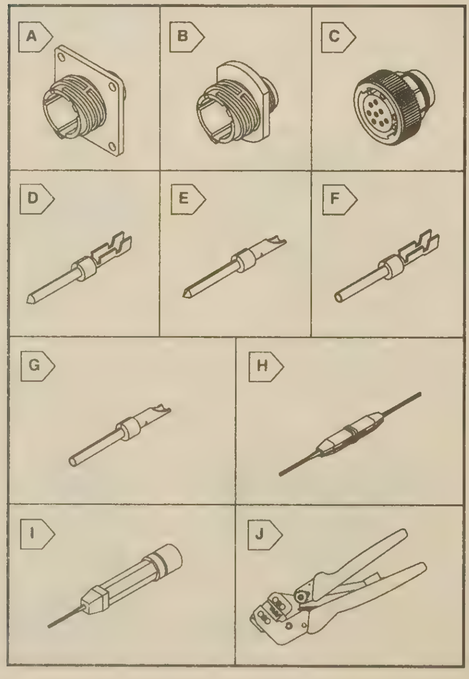
MOUSER STOCK NO.	Fig.	AWG	I.D. Range (In.)	Finish	Price Each			
					1	100	1000	5000
Pin Contacts								
571-661072	D	26-24	.035 - .055	Tin	.25	.17	.12	.11
571-661074	D	26-24	.035 - .055	Gold	.37	.25	.17	.16
571-664001	D	24-20	.080 - .100	Tin	.25	.16	.12	.10
571-664004	D	24-20	.080 - .100	Gold	.37	.25	.17	.16
571-665911	D	22-18	.055 - .110	Tin	.19	.13	.09	.08
571-665891	D	18-16	.080 - .100	Tin	.21	.14	.10	.09
571-660992	D	18-16	.080 - .100	Tin	.25	.17	.15	.13
571-660994	D	18-16	.080 - .100	Gold	.37	.25	.17	.16
571-663612	D	18-14	.080 - .100	Tin	.24	.16	.11	.10
571-663614	D	18-14	.080 - .100	Gold	.38	.25	.18	.16
571-666021	D	18-14	.110 - .150	Tin	.25	.18	.15	.13
571-666022	D	18-14	.110 - .150	Gold	.29	.24	.22	.20
571-2022362	D	Solder Tab	- - - - -	Tin	.60	.40	.28	.26
Socket Contacts								
571-661092	E	26-24	.035 - .055	Tin	.49	.32	.28	.25
571-661094	E	26-24	.035 - .055	Gold	.49	.32	.28	.25
571-663991	E	24-20	.080 - .100	Tin	.29	.20	.14	.12
571-663994	E	24-20	.080 - .100	Gold	.45	.30	.21	.19
571-665921	E	22-18	.055 - .110	Tin	.21	.14	.10	.09
571-665901	E	18-16	.080 - .100	Tin	.24	.16	.11	.10
571-661012	E	18-16	.080 - .100	Tin	.37	.25	.17	.13
571-661014	E	18-16	.080 - .100	Gold	.45	.30	.21	.19
571-663602	E	18-14	.080 - .100	Tin	.29	.19	.13	.12
571-663604	E	18-14	.080 - .100	Gold	.56	.37	.26	.24
571-2022372	E	Solder Tab	- - - - -	Tin	.66	.44	.31	.28
571-666011	E	18-14	.110 - .150	Tin	.37	.25	.17	.16
571-666012	E	18-14	.110 - .150	Gold	.32	.26	.24	.22

Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
571-305183	F	Contact extraction tool	10.92
571-584951	G	28-16 AWG Pro-Crimper II	133.90

"SERIES 2" CPC CIRCULAR PLASTIC CONNECTORS (SIZE 20 CONTACTS)



.040 Pin Diameter

Designed for such commercial applications as automotive, aircraft, instrumentation, and computer/peripheral equipment. "Series 2" connectors are designed for normal, unsealed applications. Higher density is achieved through the use of 20 DF precision formed pin and socket contacts with .040 pin diameters.

∗STD. Gender= Pin contacts in receptacle housings, socket contacts in plug housings
∗REV. Gender= Socket contacts in receptacle housings, pin contacts in plug housings

Materials:

- UL recognized
- 94V-1 rated
- Heat stabilized
- Fire resistant
- Self extinguishing black thermoplastic

Connectors

Pins and sockets must be ordered separately.
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size / No. of Contact	Gender ∗	Price Each		
				1	10	100
Square Flange Receptacles						
571-2058411	A	11 - 8	Std.	3.95	2.64	2.35
571-2064331	A	11 - 8	Rev.	3.49	2.66	2.53
571-2064861	A	11 - 9	Std.	3.66	2.44	2.12
571-2058403	A	17 - 28	Std.	4.29	2.86	2.27
571-2060381	A	17 - 28	Rev.	2.17	2.78	2.20
571-2064381	A	23 - 57	Rev.	6.57	4.38	3.47
571-2058431	A	23 - 63	Std.	6.33	4.22	3.33
Free Hanging Receptacles						
571-2058412	B	11 - 8	Std.	3.93	2.62	2.07
571-2064332	B	11 - 8	Rev.	3.99	2.66	2.19
571-2064862	B	11 - 9	Std.	3.99	2.66	1.86
571-2061521	B	17 - 28	Std.	5.04	3.36	2.77
571-2060382	B	17 - 28	Rev.	5.10	3.40	2.69
571-2064382	B	23 - 57	Rev.	10.53	7.02	5.56
571-2058432	B	23 - 63	Std.	6.69	4.46	3.85
Plugs						
571-2058381	C	11 - 8	Std.	3.30	3.00	2.61
571-2064341	C	11 - 8	Rev.	4.50	3.00	2.61
571-2064851	C	11 - 9	Std.	4.68	3.12	2.45
571-2058393	C	17 - 28	Std.	4.74	3.16	2.77
571-2060391	C	17 - 28	Rev.	4.95	3.30	2.60
571-2064371	C	23 - 57	Rev.	4.49	4.09	3.58
571-2058421	C	23 - 63	Std.	6.72	4.48	3.56

E28476 LR16455

Contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	AWG	Finish	Price Each		
				1	100	1000
Pin Contacts						
571-665079	D	28-24	Gold	.18	.12	.09
571-665069	D	24-20	Gold	.27	.21	.16
571-665703	E	18max	Gold	.37	.28	.22
Socket Contacts						
571-665059	F	28-24	Gold	.20	.14	.10
571-665049	F	24-20	Gold	.29	.22	.17
571-665693	G	18max	Gold	.44	.34	.26

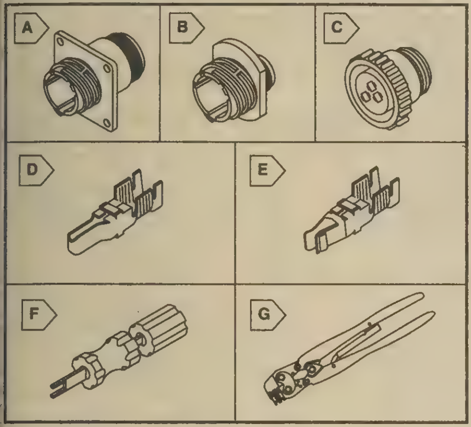
Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
571-910672	H	Insertion/extraction tool	3.37
571-912851	I	Insertion/extraction tool	8.70
571-584482	J	Pro-Crimper II hand tool	133.90

tyco Electronics AMP CPC Circular Connectors and Accessories

"SERIES 3" CIRCULAR PLASTIC CONNECTORS TYPE XII CONTACTS



Designed for such commercial applications as automotive, aircraft, instrumentation, and computer/peripheral equipment. "Series 3" connectors are designed for low density power applications with type XII contacts capable of carrying up to 25 amps of current.

E28476 LR16455

✻ STD. Gender= Pin contacts in receptacle housings, socket contacts in plug housings

✻ REV. Gender= Socket contacts in receptacle housings, pin contacts in plug housings

Connectors

Pins and sockets must be ordered separately.
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size / No. of Contact	Gender ✻	Price Each 1	10	100
Square Flange Receptacles						
571-2060362	A	17 - 3	Std.	2.12	1.91	1.54
571-2064251	A	17 - 3	Rev.	2.12	1.91	1.54
571-2061371	A	23 - 7	Std.	3.26	2.93	2.36
571-2062271	A	23 - 7	Rev.	2.50	2.25	1.88
Free Hanging Receptacles						
571-2062071	B	17 - 3	Std.	2.12	1.91	1.54
571-2064252	B	17 - 3	Rev.	2.74	2.47	2.06
571-2061372	B	23 - 7	Std.	3.34	3.01	2.42
571-2062272	B	23 - 7	Rev.	3.62	3.26	2.62
Plugs						
571-2060372	C	17 - 3	Std.	2.74	2.47	2.06
571-2064261	C	17 - 3	Rev.	3.78	3.40	2.84
571-2061361	C	23 - 7	Std.	3.00	2.70	2.25
571-2062261	C	23 - 7	Rev.	3.06	2.75	2.30

Contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	AWG	Finish	Price Each 1	100	1000	5000
Pin Contacts, Type XII							
571-662592	D	8-10	Gold	2.10	1.89	1.56	1.33
571-662591	D	10-8	Tin	.80	.72	.599	.51
571-662612	D	12-16	Gold	2.02	1.82	1.72	1.62
571-662611	D	16-12	Tin	.80	.72	.599	.51
Socket Contacts, Type XII							
571-667416	E	8-10	Gold	2.76	2.48	2.06	1.75
571-667418	E	10-8	Tin	1.93	1.74	1.54	1.45
571-667406	E	12-16	Gold	2.48	2.23	1.98	1.86
571-667408	E	16-12	Tin	3.48	2.13	1.94	1.77

Tools

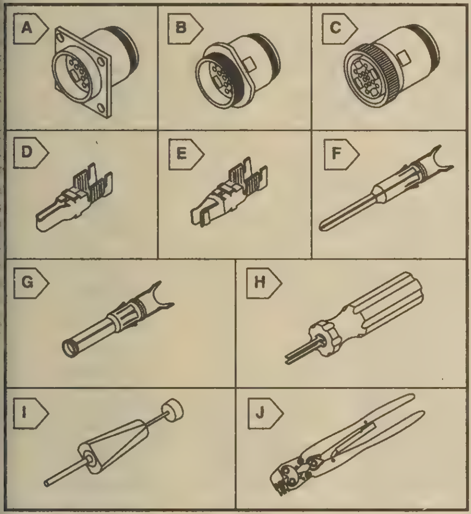
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
571-910193	F	Extraction tool	107.90
571-903822	G	Certi-Crimp, 12-16 AWG, type XII	572.83
571-903841	G	Certi-Crimp, 8-10 AWG, type XII	595.37

"SERIES 4" CPC CIRCULAR PLASTIC CONNECTORS TYPE XII AND SIZE 16 CONTACTS

AMP CPC connectors are designed for such commercial applications as automotive, aircraft, instrumentation, computer, and peripheral equipment. They offer many advanced design features to assure top quality performance. Series 4 connectors accept size 16 multimate signal contacts and type XII power contacts, thus combining signal circuit capability with power circuit capability, both in a single connector housing.

NEW!



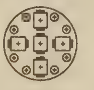
Features:

- UL recognized, CSA certified
- Panel or free hanging versions
- Light-weight, all plastic construction
- Combined power and signal applications

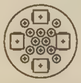
E28476 LR16455

Connectors

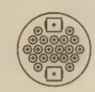
Pins and sockets must be ordered separately. For quantities greater than listed, call for quote.



Arrangement 23-13M



Arrangement 23-16M



Arrangement 23-22M

MOUSER STOCK NO.	Fig.	Shell Size / No. of Contact	Gender ✻	Price Each 1	10	100
Square Flange Receptacles						
571-2118251	A	23 - 13	Std.	5.32	4.79	3.99
571-2074861	A	23 - 16	Std.	2.50	2.23	1.78
571-2066131	A	23 - 22	Std.	2.46	2.21	1.78
Free Hanging Receptacles						
571-2118252	B	23 - 13	Std.	3.92	3.53	2.94
571-2074862	B	23 - 16	Std.	3.62	3.26	2.62
571-2066133	B	23 - 22	Std.	3.29	2.92	2.30
Plugs						
571-2118241	C	23 - 13	Std.	5.62	5.06	4.22
571-2074851	C	23 - 16	Std.	2.79	2.50	1.98
571-2066121	C	23 - 22	Std.	3.47	3.04	2.46

✻STD. Gender= Pin contacts in receptacle housings, socket contacts in plug housings

✻REV. Gender= Socket contacts in receptacle housings, pin contacts in plug housings

Contacts

MOUSER STOCK NO.	Fig.	AWG	Finish	Price Each 1	100	1000	5000
Type XII Pin Contacts							
571-662614	D	16-12	Silver	1.92	1.78	1.73	1.63
571-662612	D	12-16	Gold	2.02	1.82	1.72	1.62
571-662592	D	8-10	Gold	2.10	1.89	1.56	1.33
571-662594	D	10	Silver	1.92	1.78	1.73	1.63
Type XII Socket Contacts							
571-667402	E	16-12	Silver	3.02	2.87	2.72	2.43
571-667406	E	12-16	Gold	2.48	2.23	1.98	1.86
571-667416	E	8-10	Gold	2.76	2.48	2.06	1.75
571-667412	E	10	Silver	4.36	4.16	3.25	2.76
Size 16 Signal Pin Contacts							
571-665911	F	18-22	Tin	.19	.14	.11	.08
571-665891	F	16-18	Tin	.21	.16	.13	.09
Size 16 Signal Socket Contacts							
571-665921	G	18-22	Tin	.21	.16	.13	.09
571-665901	G	16-18	Tin	.24	.18	.14	.10

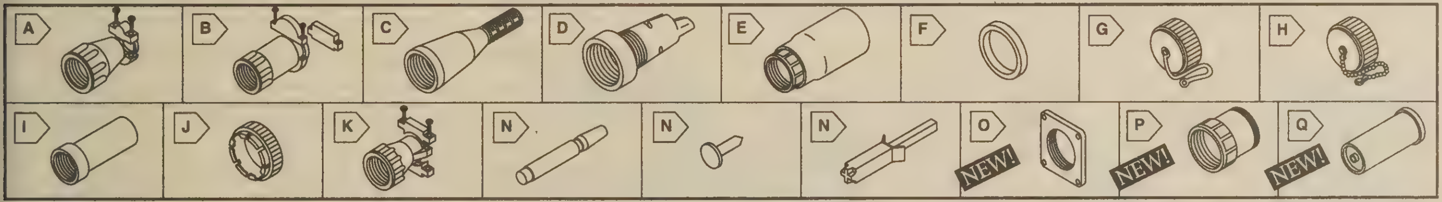
Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
571-911241	H	Extraction, for type XII	23.80
571-305183	I	Extraction, for size 16 signal con.	10.92
571-903822	J	Certi-Crimp, 12-16 AWG, type XII	595.37
571-903841	J	Certi-Crimp, 8-10 AWG, type XII	595.37

CIRCULAR PLASTIC CONNECTORS CPC ACCESSORIES

For quantities greater than listed, call for quote.



MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each 1	10	100	500
571-2060621	A	11	Std cable clamp, screw lth .375"	2.42	2.18	1.82	1.69
571-2060623	A	11	Std cable clamp, screw lth .500"	2.42	2.18	1.82	1.69
571-2063581	B	11	Large cable clamp	2.42	2.18	1.82	1.69
571-2074891	C	11	Flexible cable boot	1.66	1.49	1.25	1.16
571-2074901	D	11	Internal cable grip	1.80	1.46	1.35	1.20
571-540101	E	11	Heat shrink sealing boot	5.76	4.69	4.32	3.86
571-2064031	F	11	Peripheral seal	.45	.40	.33	.31
571-2069031	G	11	Sealing cap plastic strap	2.52	2.27	1.89	1.76
571-2088001	H	11	Sealing cap metal chain	4.22	3.80	3.17	2.95
571-2063041	I	11	Rubber boot	3.22	2.64	2.42	2.17
571-2138111	J	11	Replacement coupling ring	.54	.51	.49	.44
571-2072991	O	11	Panel mount flange for plug	5.04	3.85	3.69	3.51
571-2069661	A	13	Standard cable clamp	2.44	2.20	1.83	1.71
571-2070081	B	13	Large cable clamp	2.56	2.30	1.92	1.79
571-541231	E	13	Heat shrink sealing boot	6.36	5.20	4.77	4.28
571-2064034	F	13	Peripheral seal	.66	.54	.50	.44
571-2118701	G	13	Sealing cap plastic strap	2.30	1.89	1.73	1.55
571-2134851	H	13	Sealing cap metal chain	5.00	4.50	3.75	3.50
571-2138131	J	13	Replacement coupling ring	.99	.89	.74	.70
571-2072992	O	13	Panel mount flange for plug	2.56	1.95	1.87	1.78
571-2060701	A	17	Standard cable clamp	2.44	2.20	1.83	1.71
571-2063221	B	17	Large cable clamp	2.72	2.45	2.04	1.90
571-2072411	C	17	Flexible cable boot	3.00	2.70	2.25	2.10
571-2073871	D	17	Small internal cable grip	2.50	2.06	1.88	1.69
571-2073872	D	17	Large internal cable grip	2.42	1.99	1.82	1.64

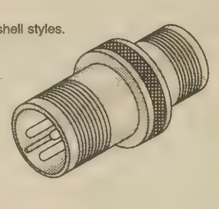
MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each 1	10	100	500
571-540111	E	17	Heat shrink sealing boot	6.26	5.63	4.70	4.38
571-2064032	F	17	Peripheral seal	.51	.41	.38	.84
571-2074451	G	17	Sealing cap plastic strap	2.72	2.21	2.04	1.82
571-2086521	H	17	Sealing cap metal chain	4.06	3.65	3.05	2.84
571-2138101	J	17	Replacement coupling ring	.79	.71	.59	.55
571-2072993	O	17	Panel mount flange for plug	2.82	2.52	2.24	1.95
571-2061381	A	23	Standard cable clamp	2.52	2.27	1.89	1.76
571-2065121	B	23	Large cable clamp	3.20	2.88	2.40	2.24
571-2077741	K	23	Self-centering cable clamp	3.72	3.03	2.79	2.49
571-540121	E	23	Heat shrink sealing boot	7.02	5.73	5.27	4.72
571-2064033	F	23	Peripheral seal	.92	.75	.69	.62
571-2072994	O	23	Panel mount flange for plug	1.99	1.54	1.40	1.27
571-2070551	P	23	Back-shell extender	3.02	2.43	2.25	2.10
571-2074461	G	23	Sealing cap plstc strp Series 1,3,4	3.14	2.57	2.36	2.11
571-2074462	G	23	Sealing cap plastic strap, Series 2	6.12	5.51	4.59	3.89
571-2070521	Q	23	Jacketed cable seal .30" - .45"	14.38	12.94	10.79	9.13
571-2070522	Q	23	Jacketed cable seal .45" - .60"	22.54	20.29	16.91	14.31
571-2070523	Q	23	Jacketed cable seal .60" - .875"	12.58	11.32	9.44	7.99
571-2086801	H	23	Sealing cap metal chain	4.88	3.98	3.66	3.28
571-2138121	J	23	Replacement coupling ring	1.27	1.14	.95	.89
571-2008211	L	Type III +	Series 1 and 4 keying plug	.14	.12	.10	.10
571-2065091	M	20 DM&DF	Series 2 keying plug	.34	.28	.25	.23
571-2065081	N	Type XII	Series 3 and 4 keying plug sockets	.51	.42	.38	.34
571-2075971	N	Type XII	Series 3 and 4 keying plug pins	1.72	1.40	1.29	1.16

Amphenol® Connectors

97 SERIES SOLDER TYPE RECEPTACLES

Low cost, general duty, non-environmental MIL-C-5015 type connectors. Available in either A solid or B split shell styles. Used extensively in the machine tool industry, welding industry and numerous commercial applications.

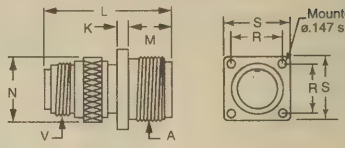
- Single key/keyway polarization
- Threaded coupling
- Hard dielectric inserts made of diallyl-phthalate
- Aluminum alloy components with a conductive cadmium plate finish and olive chromate after-treatment
- Contacts: solder type, silver plated with pre-tinned solder cups
- Cable clamps: zinc alloy with olive drab/green chromate finish



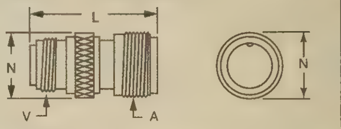
Underwriters Laboratories Approved Recognition File E115497
Canadian Standards Association Certification File LR69183

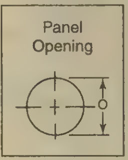
Shell Size	A Coupling Thread	K Ref. (In.)	L Max. (In.)	L1 Max. (In.)	M Ref. (In.)	N Ref. (In.)	N1 Ref. (In.)	O Ref. (In.)	R Ref. (In.)	S Ref. (In.)	V Fitting Thread
10SL	5/8-24	5/64	1-9/32	61.64	9/16	3/4	11/16	.812	23/32	1	5/8-24
12S	3/4-20	5/64	1-15/32	31/32	9/16	25/32	11/16	.812	13/16	1-3/32	5/8-24
14S	7/8-20	5/64	1-15/32	61/64	9/16	7/8	3/4	.938	29/32	1-3/16	3/4-20
16S	1-20	5/64	1-15/32	61/64	9/16	1	7/8	1.062	31/32	1-9/32	7/8-20
18	1-1/8-18	1/8	1-63/64	1-3/8	3/4	1-1/8	1	1.188	1-1/16	1-3/8	1-20
20	1-1/4-18	1/8	1-57/64	1-3/8	3/4	1-1/4	1-1/8	1.312	1-5/32	1-1/2	1-3/16-18
22	1-3/8-18	1/8	1-63/64	1-3/8	3/4	1-3/8	1-1/4	1.438	1-1/4	1-5/8	1-3/16-18
24	1-1/2-18	1/8	2-1/4	1-3/8	13/16	1-1/2	1-3/8	1.562	1-3/8	1-3/4	1-7/16-18
28	1-3/4-18	1/8	2-1/4	1-3/8	13/16	1-3/4	1-5/8	1.812	1-9/16	2	1-7/16-18

MS3100A Wall Mount Receptacle

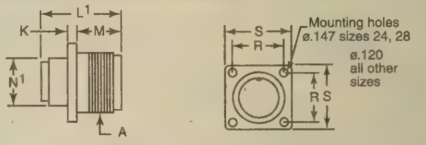


MS3101A Cable Receptacle





MS3102A Box Mount Receptacle



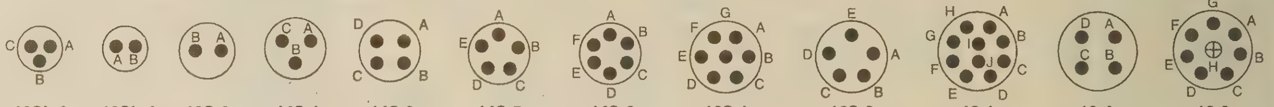
Contact Legend

● 16 ⊕ 12

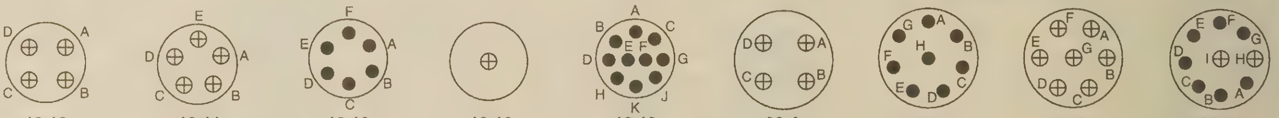
SERVICE RATING:		INST.	A	D	C
Limited Operating	DC	250	700	1250	4200
Voltages @ sea level	AC (rms)	200	500	900	3000

Test Current: Contact Size 16 = 13A; Contact Size 12 = 23A

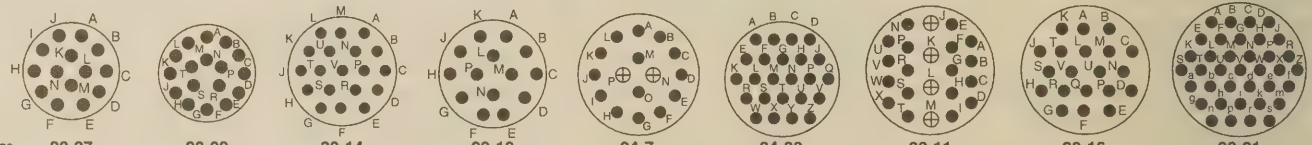
Transients were not considered in calculating these values. Limiting operating voltages @ 50,000 ft. altitude are approx. 25% of sea level values.



Insert Arrange.	10SL-3	10SL-4	12S-3	14S-1	14S-2	14S-5	14S-6	16S-1	16S-8	18-1	18-4	18-8
Service Rating	A	A	A	A	INST.	INST.	INST.	A	A	B, C, F, G=A other=INST.	D	A



Insert Arrange.	18-10	18-11	18-12	18-16	18-19	20-4	20-7	20-15	20-16
Service Rating	A	A	A	C	A	D	A, B, H, G=D C, D, E, F=A	A	A



Insert Arrange.	20-27	20-29	22-14	22-19	24-7	24-28	28-11	28-16	28-21
Service Rating	A	A	A	A	A	INST.	A	A	A

- All connectors shipped assembled

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Receptacle	Cont-acts	Shell Size	Insert Arrange.	No. of Cont.	Cont. Size	Price Each 1	10	50
654-97-3101A-10SL-3P	Cable	Pin	10SL	10SL-3	3	16	14.35	11.48	9.90
654-97-3102A-10SL-3P	Box mount	Pin	10SL	10SL-3	3	16	8.24	6.59	6.23
654-97-3102A-12S-3P	Box mount	Pin	12S	12S-3	2	16	7.48	5.39	4.65
654-97-3102A-12S-3S	Box mount	Socket	12S	12S-3	2	16	7.10	5.14	4.43
654-97-3100A-14S-1P	Wall mount	Pin	14S	14S-1	3	16	10.94	8.75	7.54
654-97-3100A-14S-1S	Wall mount	Socket	14S	14S-1	3	16	12.36	8.74	7.53
654-97-3100A-14S-2P	Wall mount	Pin	14S	14S-2	4	16	12.10	8.60	7.41
654-97-3100A-14S-2S	Wall mount	Socket	14S	14S-2	4	16	12.85	10.18	8.78
654-97-3100A-14S-5P	Wall mount	Pin	14S	14S-5	5	16	13.33	9.41	8.11
654-97-3100A-14S-5S	Wall mount	Socket	14S	14S-5	5	16	13.60	9.65	8.32
654-97-3101A-14S-5P	Cable	Pin	14S	14S-5	5	16	14.44	10.19	9.07
654-97-3101A-14S-5S	Cable	Socket	14S	14S-5	5	16	15.96	11.27	9.72
654-97-3100A-14S-6P	Wall mount	Pin	14S	14S-6	6	16	12.69	10.06	8.67
654-97-3100A-14S-6S	Wall mount	Socket	14S	14S-6	6	16	12.92	10.24	8.83
654-97-3101A-14S-6P	Cable	Pin	14S	14S-6	6	16	16.49	11.64	10.03
654-97-3101A-14S-6S	Cable	Socket	14S	14S-6	6	16	15.04	12.03	10.37
654-97-3102A-16S-1P	Box mount	Pin	16S	16S-1	7	16	8.87	6.45	5.56
654-97-3102A-16S-1S	Box mount	Socket	16S	16S-1	7	16	10.80	7.68	6.62
654-97-3102A-16S-8P	Box mount	Pin	16S	16S-8	5	16	8.74	6.35	5.47
654-97-3102A-16S-8S	Box mount	Socket	16S	16S-8	5	16	10.23	7.33	6.32
654-97-3102A-18-1P	Box mount	Pin	18	18-1	10	16	13.21	9.31	8.03
654-97-3102A-18-1S	Box mount	Socket	18	18-1	10	16	13.47	9.77	8.42
654-97-3102A-18-4P	Box mount	Pin	18	18-4	4	16	8.50	6.17	5.32
654-97-3102A-18-4S	Box mount	Socket	18	18-4	4	16	9.79	6.97	6.01
654-97-3102A-18-8P	Box mount	Pin	18	18-8	8	1#12, 7#16	12.21	8.87	7.65
654-97-3102A-18-8S	Box mount	Socket					12.91	9.39	8.09
654-97-3102A-18-10P	Box mount	Pin	18	18-10	4	12	10.69	8.46	7.29
654-97-3102A-18-10S	Box mount	Socket	18	18-10	4	12	12.91	9.39	8.09
654-97-3102A-18-11P	Box mount	Pin	18	18-11	5	12	10.48	8.38	7.22

- All connectors shipped assembled

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Receptacle	Cont-acts	Shell Size	Insert Arrange.	No. of Cont.	Cont. Size	Price Each 1	10	50
654-97-3102A-18-11S	Box mount	Socket	18	18-11	5	12	11.40	9.12	7.86
654-97-3102A-18-12P	Box mount	Pin	18	18-12	6	16	10.40	8.24	7.10
654-97-3102A-18-12S	Box mount	Socket	18	18-12	6	16	10.48	8.38	7.22
654-97-3102A-18-19S	Box mount	Socket	18	18-19	10	16	13.94	10.13	8.73
654-97-3102A-20-4P	Box mount	Pin	20	20-4	4	12	10.51	8.32	7.17
654-97-3102A-20-4S	Box mount	Socket	20	20-4	4	12	19.49	15.10	13.02
654-97-3102A-20-7P	Box mount	Pin	20	20-7	8	16	12.10	8.60	7.41
654-97-3102A-20-7S	Box mount	Socket	20	20-7	8	16	13.74	9.65	8.32
654-97-3102A-20-15P	Box mount	Pin	20	20-15	7	12	13.81	9.77	8.42
654-97-3102A-20-15S	Box mount	Socket	20	20-15	7	12	17.91	12.52	10.79
654-97-3102A-20-16P	Box mount	Pin	20	20-16	9	2#12, 7#16	11.76	9.63	8.30
654-97-3102A-20-16S	Box mount	Socket					15.22	10.76	9.28
654-97-3102A-20-27P	Box mount	Pin	20	20-27	14	16	13.60	9.89	8.53
654-97-3102A-20-27S	Box mount	Socket	20	20-27	14	16	16.30	11.49	9.91
654-97-3102A-20-29P	Box mount	Pin	20	20-29	17	16	15.06	10.63	9.16
654-97-3102A-20-29S	Box mount	Socket	20	20-29	17	16	16.53	13.23	11.41
654-97-3102A-22-14P	Box mount	Pin	22	22-14	19	16	17.38	12.05	10.39
654-97-3102A-22-14S	Box mount	Socket	22	22-14	19	16	20.73	14.52	12.52
654-97-3102A-22-19P	Box mount	Pin	22	22-19	14	16	14.28	11.68	10.07
654-97-3102A-22-19S	Box mount	Socket	22	22-19	14	16	14.93	12.21	10.53
654-97-3102A-24-7S	Box mount	Socket	24	24-7	16	2#12, 14#16	22.42	15.63	14.57
654-97-3102A-24-28P	Box mount	Pin	24	24-28	24	16	20.82	15.28	14.13
654-97-3102A-24-28S	Box mount	Socket	24	24-28	24	16	23.46	16.29	15.40
654-97-3102A-28-11P	Box mount	Pin	28	28-11	22	4#12, 18#16	23.81	16.55	15.54
654-97-3102A-28-11S	Box mount	Socket					26.75	21.88	19.88
654-97-3102A-28-16P	Box mount	Pin	28	28-16	20	16	21.68	17.74	16.08
654-97-3102A-28-21P	Box mount	Pin	28	28-21	37	16	27.51	22.01	18.97
654-97-3102A-28-21S	Box mount	Socket	28	28-21	37	16	36.97	25.50	21.98

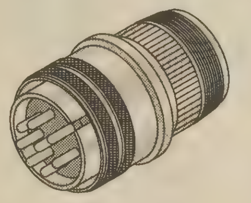
NEW THIS ISSUE NEW THIS ISSUE NEW THIS ISSUE NEW THIS ISSUE NEW THIS ISSUE

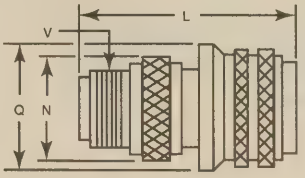
97 SERIES STRAIGHT PLUGS WITH SOLID SHELLS

MS3106A Straight Plug: Coupling ring machined from solid aluminum bar stock for high tensile strength. Mates with all types of 97 Series receptacles. Front shell includes polarization keyway. Solid shell. Threaded backshell.

Underwriters Laboratories Approved Recognition File E115497
Canadian Standards Association Certification File LR69183

Shell Size	L Max. (In.)	N Ref. (In.)	Q Ref. (In.)	V Fitting Thread
10SL	1-3/8	3/4	7/8	5/8-24
12S	1-7/16	25/32	1	5/8-24
14S	1-15/32	7/8	1-1/8	3/4-20
16S	1-15/32	1	1-1/4	7/8-20
18	1-31/32	1-1/8	1-11/32	1-20
20	1-7/8	1-1/4	1-15/32	1-3/16-18
22	1-31/32	1-3/8	1-19/32	1-3/16-18
24	2-1/4	1-1/2	1-23/32	1-7/16-18
28	2-1/4	1-3/4	1-31/32	1-7/16-18





- All connectors shipped assembled

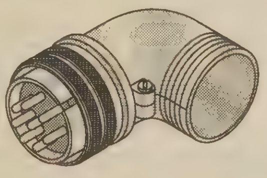
For quantities greater than listed, call for quote.

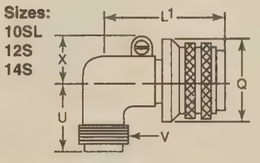
MOUSER STOCK NO.	Contacts	Shell Size	Insert Arrange.	No. of Cont.	Cont. Size	Price Each		
						1	10	50
654-97-3106A-10SL-3S	Socket	10SL	10SL-3	3	16	12.24	9.79	8.44
654-97-3106A-10SL-4S	Socket	10SL	10SL-4	2	16	11.58	9.26	7.98
654-97-3106A-12S-3P	Pin	12S	12S-3	2	16	10.95	7.79	7.06
654-97-3106A-12S-3S	Socket	12S	12S-3	2	16	10.04	7.95	7.64
654-97-3106A-14S-1P	Pin	14S	14S-1	3	16	12.15	8.64	7.45
654-97-3106A-14S-1S	Socket	14S	14S-1	3	16	11.02	8.81	7.59
654-97-3106A-14S-2P	Pin	14S	14S-2	4	16	11.76	8.32	7.17
654-97-3106A-14S-2S	Socket	14S	14S-2	4	16	14.22	10.05	8.66
654-97-3106A-14S-5P	Pin	14S	14S-5	5	16	13.33	9.41	8.11
654-97-3106A-14S-5S	Socket	14S	14S-5	5	16	13.74	9.65	8.32
654-97-3106A-14S-6P	Pin	14S	14S-6	6	16	12.69	10.06	8.67
654-97-3106A-14S-6S	Socket	14S	14S-6	6	16	12.92	10.24	8.83
654-97-3106A-16S-1P	Pin	16S	16S-1	7	16	13.74	9.65	8.32
654-97-3106A-16S-1S	Socket	16S	16S-1	7	16	14.99	10.62	9.16
654-97-3106A-16S-8P	Pin	16S	16S-8	5	16	13.36	9.43	8.13
654-97-3106A-16S-8S	Socket	16S	16S-8	5	16	13.04	10.02	8.64
654-97-3106A-18-1P	Pin	18	18-1	10	16	17.34	12.18	10.50
654-97-3106A-18-1S	Socket	18	18-1	10	16	18.20	13.56	11.69
654-97-3106A-18-4P	Pin	18	18-4	4	16	13.46	9.79	8.44
654-97-3106A-18-4S	Socket	18	18-4	4	16	14.54	10.68	9.21
654-97-3106A-18-8P	Pin	18	18-8	8	1#12, 7#16	16.17	12.94	11.16
654-97-3106A-18-8S	Socket					17.72	13.00	11.21
654-97-3106A-18-10P	Pin	18	18-10	4	12	16.77	11.83	10.20
654-97-3106A-18-10S	Socket	18	18-10	4	12	16.87	13.49	11.63
654-97-3106A-18-11P	Pin	18	18-11	5	12	15.27	12.22	10.53
654-97-3106A-18-11S	Socket	18	18-11	5	12	16.17	12.94	11.16
654-97-3106A-18-12P	Pin	18	18-12	6	16	13.97	11.18	9.64
654-97-3106A-18-12S	Socket	18	18-12	6	16	15.12	12.10	10.43
654-97-3106A-18-19P	Pin	18	18-19	10	16	22.65	16.63	14.34
654-97-3106A-18-19S	Socket	18	18-19	10	16	18.44	13.53	11.66
654-97-3106A-20-4P	Pin	20	20-4	4	12	20.07	14.04	12.10
654-97-3106A-20-4S	Socket	20	20-4	4	12	26.34	21.07	18.16
654-97-3106A-20-7P	Pin	20	20-7	8	16	20.07	14.04	12.10
654-97-3106A-20-7S	Socket	20	20-7	8	16	21.41	14.94	12.88
654-97-3106A-20-15P	Pin	20	20-15	7	12	20.48	16.38	14.12
654-97-3106A-20-15S	Socket	20	20-15	7	12	28.14	19.49	16.80
654-97-3106A-20-16P	Pin	20	20-16	9	2#12, 7#16	19.13	15.65	13.49
654-97-3106A-20-16S	Socket					21.75	17.40	15.00
654-97-3106A-20-27P	Pin	20	20-27	14	16	23.14	16.12	13.90
654-97-3106A-20-27S	Socket	20	20-27	14	16	22.47	17.97	15.49
654-97-3106A-20-29P	Pin	20	20-29	17	16	24.52	17.09	14.73
654-97-3106A-20-29S	Socket	20	20-29	17	16	24.91	19.93	17.18
654-97-3106A-22-14P	Pin	22	22-14	19	16	24.42	16.96	14.62
654-97-3106A-22-14S	Socket	22	22-14	19	16	26.32	21.05	18.15
654-97-3106A-22-19P	Pin	22	22-19	14	16	21.40	17.51	15.09
654-97-3106A-22-19S	Socket	22	22-19	14	16	21.91	17.93	15.46
654-97-3106A-24-7S	Socket	24	24-7	16	2#12, 14#16	31.15	21.52	20.46
654-97-3106A-24-28P	Pin	24	24-28	24	16	28.81	23.05	19.87
654-97-3106A-24-28S	Socket	24	24-28	24	16	32.16	25.72	22.17
654-97-3106A-28-11P	Pin	28	28-11	22	4#12, 18#16	31.36	25.09	21.63
654-97-3106A-28-11S	Socket					39.06	29.15	25.13
654-97-3106A-28-16P	Pin	28	28-16	20	16	33.53	25.41	21.91
654-97-3106A-28-21P	Pin	28	28-21	37	16	38.66	28.91	24.92
654-97-3106A-28-21S	Socket	28	28-21	37	16	43.65	32.25	27.80

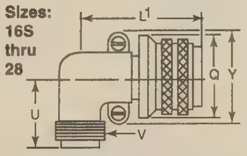
97 SERIES ANGLE PLUGS WITH SPLIT SHELLS

MS3108B Angle Plug: Shell is split longitudinally for convenient solder or inspection. Front shell is keyed to allow the 90° angle housing to be rotated and locked at any 45° increment.

Shell Size	L1 Max. (In.)	Q Ref. (In.)	U Ref. (In.)	X Ref. (In.)	Y Ref. (In.)	V Fitting Thread
14S	1-23/32	1-1/8	1-1/16	- -	21/32	3/4-20
18	2-5/32	1-11/32	1-3/16	1-41/64	1-41/64	1-20







- All connectors shipped assembled

MOUSER STOCK NO.	Contacts	Shell Size	Insert Arrange.	No. of Cont.	Cont. Size	Price Each		
						1	10	50
654-97-3108B-14S-1P	Pin	14S	14S-1	3	16	13.44	9.45	8.15
654-97-3108B-14S-1S	Socket	14S	14S-1	3	16	13.74	9.65	8.32
654-97-3108B-14S-2P	Pin	14S	14S-2	4	16	14.00	10.28	8.86
654-97-3108B-14S-2S	Socket	14S	14S-2	4	16	14.21	10.76	9.28
654-97-3108B-14S-5P	Pin	14S	14S-5	5	16	14.43	10.15	8.75
654-97-3108B-14S-5S	Socket	14S	14S-5	5	16	15.30	11.10	9.57
654-97-3108B-14S-6P	Pin	14S	14S-6	6	16	14.83	10.65	9.18
654-97-3108B-18-1P	Pin	18	18-1	10	16	20.40	16.32	14.07
654-97-3108B-18-1S	Socket	18	18-1	10	16	21.55	17.24	14.86
654-97-3108B-18-4P	Pin	18	18-4	4	16	19.77	14.83	12.78
654-97-3108B-18-4S	Socket	18	18-4	4	16	20.97	15.73	13.56
654-97-3108B-18-8P	Pin	18	18-8	8	1#12, 7#16	23.34	17.49	15.08
654-97-3108B-18-8S	Socket					21.07	16.86	14.53
654-97-3108B-18-10P	Pin	18	18-10	4	12	22.42	16.82	14.50
654-97-3108B-18-10S	Socket	18	18-10	4	12	21.07	16.86	14.53
654-97-3108B-18-11P	Pin	18	18-11	5	12	19.30	15.44	13.31
654-97-3108B-18-11S	Socket	18	18-11	5	12	23.34	17.49	15.08
654-97-3108B-18-12P	Pin	18	18-12	6	16	21.20	15.92	13.72
654-97-3108B-18-12S	Socket	18	18-12	6	16	22.42	16.82	14.50
654-97-3108B-18-19P	Pin	18	18-19	10	16	28.62	21.46	18.50
654-97-3108B-18-19S	Socket	18	18-19	10	16	24.79	18.58	16.02

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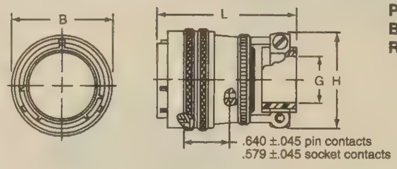
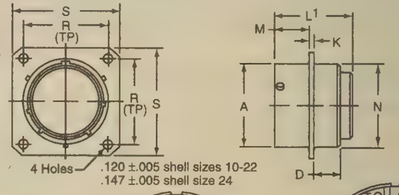
CIRCULAR PT BAYONET LOCK CONNECTORS

Aluminum shell components. Standard olive drab, electrically conductive cadmium plated. Dependable 5 key/keyway polarization with bayonet lock coupling assures positive mating. Spring tension provided by a wave washer in the coupling nut ensures maintenance of interfacial seal between mating halves. Insert and main joint gasket molded from resilient neoprene. **Solder contacts** are installed. Pins and sockets are copper alloy/gold plated. **Strain relief** is included on plug.

PT06E Straight Plug

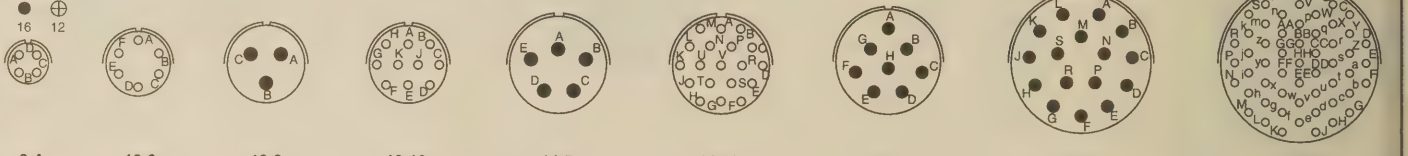


PT02A Box Mount Receptacle



Contact Legend

● 16 ⊕ 12



PT Series with Solder Contacts

• All connectors shipped assembled

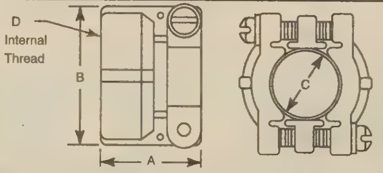
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Description	Shell Size	Insert Arrange.	No. of Cont.	Cont. Size	A Dia. +.001 -.005	B Dia. Max.	G ±.010	H Max.	K +.020 -.010	L Max.	L1 Max.	M +.010 -.000	N Dia. Max.	R (TP)	S Max.	Z Max.	Price Each 1	10	50
654-PT06E8-4P-SR	PT06E8-4P(SR)	Plug-pin contacts	8	8-4	4	20		.750	.125	.812		1.906							22.15	17.82	15.41
654-PT06E8-4S-SR	PT06E8-4S(SR)	Plug-socket contacts	8	8-4	4	20		.750	.125	.812		1.906							23.29	18.73	16.20
654-PT02A8-4P	PT02A8-4P	Recept.-pin contacts	8	8-4	4	20	.473				.493		.825	.431	.449	.594	.812	.465	10.43	8.39	7.26
654-PT02A8-4S	PT02A8-4S	Recept.-socket cont.	8	8-4	4	20	.473				.493		.825	.431	.449	.594	.812	.465	11.57	9.31	8.05
654-PT06E10-6P-SR	PT06E10-6P(SR)	Plug-pin contacts	10	10-6	6	20		.859	.188	.875		1.906							24.67	19.84	17.16
654-PT06E10-6S-SR	PT06E10-6S(SR)	Plug-socket contacts	10	10-6	6	20		.859	.188	.875		1.906							26.38	21.22	18.35
654-PT02A10-6P	PT02A10-6P	Recept.-pin contacts	10	10-6	6	20	.590				.493		.825	.431	.573	.719	.938	.465	11.58	9.31	8.06
654-PT02A10-6S	PT02A10-6S	Recept.-socket cont.	10	10-6	6	20	.590				.493		.825	.431	.573	.719	.938	.465	13.29	10.69	9.25
654-PT06E12-3P-SR	PT06E12-3P(SR)	Plug-pin contacts	12	12-3	3	16		1.013	.312	1.000		1.906							25.26	20.31	17.57
654-PT06E12-3SSR	PT06E12-3S(SR)	Plug-socket contacts	12	12-3	3	16		1.013	.312	1.000		1.906							26.88	21.62	18.70
654-PT02A12-3P	PT02A12-3P	Recept.-pin contacts	12	12-3	3	16	.750				.493		.825	.431	.699	.812	1.031	.465	12.05	9.69	8.38
654-PT02A12-3S	PT02A12-3S	Recept.-socket cont.	12	12-3	3	16	.750				.493		.825	.431	.699	.812	1.031	.465	13.79	11.09	9.60
654-PT06E12-10P-SR	PT06E12-10P(SR)	Plug-pin contacts	12	12-10	10	20		1.013	.312	1.000		1.906							26.20	21.08	18.23
654-PT06E12-10S-SR	PT06E12-10S(SR)	Plug-socket contacts	12	12-10	10	20		1.013	.312	1.000		1.906							29.14	23.44	20.27
654-PT02A12-10P	PT02A12-10P	Recept.-pin contacts	12	12-10	10	20	.750				.493		.825	.431	.699	.812	1.031	.465	12.88	10.36	8.96
654-PT02A12-10S	PT02A12-10S	Recept.-socket cont.	12	12-10	10	20	.750				.493		.825	.431	.699	.812	1.031	.465	15.82	12.72	11.00
654-PT06E14-5P-SR	PT06E14-5P(SR)	Plug-pin contacts	14	14-5	5	16		1.156	.375	1.125		1.906							28.99	23.32	20.16
654-PT06E14-5S-SR	PT06E14-5S(SR)	Plug-socket contacts	14	14-5	5	16		1.156	.375	1.125		1.906							31.57	25.39	21.96
654-PT02A14-5P	PT02A14-5P	Recept.-pin contacts	14	14-5	5	16	.875				.493		.825	.431	.699	.812	1.031	.465	14.62	11.76	10.17
654-PT06E14-19P-SR	PT06E14-19P(SR)	Plug-pin contacts	14	14-19	19	20		1.156	.375	1.125		1.906							30.82	24.79	21.44
654-PT06E14-19S-SR	PT06E14-19S(SR)	Plug-socket contacts	14	14-19	19	20		1.156	.375	1.125		1.906							36.15	29.08	25.15
654-PT02A14-19P	PT02A14-19P	Recept.-pin contacts	14	14-19	19	20	.875				.493		.825	.431	.699	.812	1.031	.465	16.52	13.28	11.49
654-PT02A14-19S	PT02A14-19S	Recept.-socket cont.	14	14-19	19	20	.875				.493		.825	.431	.699	.812	1.031	.465	21.85	17.58	15.20
654-PT06E16-8P-SR	PT06E16-8P(SR)	Plug-pin contacts	16	16-8	8	16		1.281	.500	1.188		2.047							35.32	28.41	24.57
654-PT06E16-8S-SR	PT06E16-8S(SR)	Plug-socket contacts	16	16-8	8	16		1.281	.500	1.188		2.047							39.57	31.83	27.52
654-PT02A16-8S	PT02A16-8S	Recept.-socket cont.	16	16-8	8	16	1.000				.493		.825	.431	.699	.812	1.031	.465	21.91	17.62	15.24
654-PT06E20-16PSR	PT06E20-16P(SR)	Plug-pin contacts	20	20-16	16	16		1.531	.625	1.438		2.250							46.58	37.47	32.40
654-PT06E20-16SSR	PT06E20-16S(SR)	Plug-socket contacts	20	20-16	16	16		1.531	.625	1.438		2.250							54.40	43.76	37.84
654-PT02A20-16P	PT02A20-16P	Recept.-pin contacts	20	20-16	16	16	1.250				.650		1.076	.556	1.199	1.156	1.438	.526	25.78	20.73	17.93
654-PT02A20-16S	PT02A20-16S	Recept.-socket cont.	20	20-16	16	16	1.250				.650		1.076	.556	1.199	1.156	1.438	.526	33.60	27.02	23.37
654-PT06E22-55P-SR	PT06E22-55P(SR)	Plug-pin contacts	22	22-55	55	20		1.656	.750	1.625		2.250							61.02	49.08	42.45
654-PT06E22-55S-SR	PT06E22-55S(SR)	Plug-socket contacts	22	22-55	55	20		1.656	.750	1.625		2.250							84.16	67.70	58.55
654-PT02A22-55P	PT02A22-55P	Recept.-pin contacts	22	22-55	55	20	1.375				.650		1.076	.556	1.323	1.250	1.562	.526	38.35	30.85	26.68
654-PT02A22-55S	PT02A22-55S	Recept.-socket cont.	22	22-55	55	20	1.375				.650		1.076	.556	1.323	1.250	1.562	.526	61.49	49.46	42.78

ACCESSORIES FOR 97 SERIES CONNECTORS

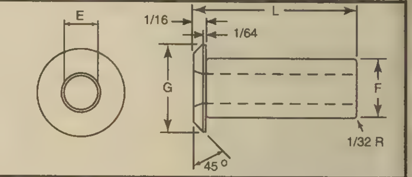
Cable Clamp MS3057A Type

For jacketed cable or wires protected by tubing. Both clamping halves float for maximum strain relief. For unjacketed cable or wires, use corresponding MS3420 bushing. Clamp and bushing can be ordered together.



Bushing MS3420

Rubber bushing specifically designed for MS3057A type cable clamp. Can also be used as a reducing bushing. Order separately or with cable clamp.



When clamp and bushing are ordered together for shell sizes 10SL and 12S, bushing 97-79-513-4 will be furnished.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Shell Size	Max. O.D. Cable	A (In.)	B (In.)	C Dia.	D Internal Thread	E (In.)	F (In.)	G (In.)	L (In.)	Price Each 1	10	50
654-97-3057-1004	Cable clamp	10SL, 12S	5/16	.795	.842	5/16	5/8-24					4.41	3.19	2.75
654-97-79-513-3	Bushing	10SL, 12S	5/16					.130	.210	.374	2.875	.74	.63	.54
654-97-79-513-4	Bushing	10SL, 12S	5/16					.220	.302	.500	2.750	.86	.72	.62
654-97-3057-1004-1*	Cable clamp w/bushing	10SL, 12S	5/16									5.17	4.36	3.76
654-97-3057-1007	Cable clamp	12SL, 14S	7/16	.850	.995	7/16	3/4-20					4.60	3.34	2.88
654-97-79-513-6	Bushing	12SL, 14S	7/16					.312	.427	.614	2.625	.85	.72	.62
654-97-3057-1007-1	Cable clamp w/bushing	12SL, 14S	7/16									5.22	4.40	3.79
654-97-3057-1008	Cable clamp	16, 16S	9/16	.920	1.120	9/16	7/8-20					4.95	3.93	3.57
654-97-79-513-8	Bushing	16, 16S	9/16					.437	.552	.739	2.500	.74	.63	.54
654-97-3057-1008-1	Cable clamp w/bushing	16, 16S	9/16									5.38	4.69	4.04
654-97-3057-1010	Cable clamp	18	5/8	.920	1.216	5/8	1-20					3.62	2.91	2.72
654-97-79-513-10	Bushing	18	5/8					.562	.615	.889	2.375	.73	.62	.53
654-97-3057-1010-1	Cable clamp w/bushing	18	5/8									4.89	3.98	3.43
654-97-3057-1012	Cable clamp	20, 22	3/4	.927	1.403	3/4	1-3/16-18					4.24	3.01	2.59
654-97-79-513-12	Bushing	20, 22	3/4					.625	.740	1.084	2.250	.84	.71	.61
654-97-3057-1012-1	Cable clamp w/bushing	20, 22	3/4									4.85	4.04	3.48
654-97-3057-1016	Cable clamp	24, 28	15/16	1.015	1.683	15/16	1-7/16-18					4.46	3.54	3.22
654-97-79-513-12	Bushing	24, 28	15/16					.625	.740	1.084	2.250	.84	.71	.61
654-97-79-513-16	Bushing	24, 28	15/16					.750	.927	1.309	2.125	1.10	.91	.78
654-97-3057-1016-1	Cable clamp w/bushing	24, 28	15/16									5.32	4.23	3.65

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Amphenol® RFX Connectors

RFX BNC COMMERCIAL CONNECTORS

Designed for the requirements of commercial applications that do not require performance above 1-3GHz.

- Temperature range: -65°C to 165°C (Teflon insulators)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω)	Description	RG Cable Type	Price Each			
					1	10	25	100
Plugs								
523-31-5136RFX	A	50	BNC Suretwist plug	59, 59A, 62, 62A	2.37	1.79	1.22	1.06
523-31-5137-RFX	A	50	BNC Suretwist plug	58	2.37	1.79	1.22	1.06
523-31-2-RFX	B	50	Clamp type plug	58	2.26	1.71	1.16	1.06
523-31-212-RFX	B	50	Clamp type plug	59, 62	2.37	1.80	1.22	1.06
523-31-5556-RFX	C	50	Crimp type plug, with preinstalled pin	59, 62	2.48	1.88	1.28	1.11
Receptacles								
523-31-10-RFX	D	50	Front mount, bulkhead, isolated ground	- - - - -	2.45	1.86	1.26	1.10
523-31-221-RFX	E	50	Front mount, bulkhead receptacle	- - - - -	1.62	1.23	.84	.75
523-31-221-75RFX	E	75	Front mount, bulkhead receptacle	- - - - -	1.62	1.23	.84	.75
523-31-203-RFX	F	50	BNC panel receptacle	- - - - -	3.82	2.89	1.96	1.71
523-31-318-RFX	G	50	Bulkhead jack with crimp termination	174, 188, 316	4.69	3.55	2.41	1.83
523-31-245-RFX	G	50	Bulkhead jack with crimp termination	179, 187	4.69	3.55	2.41	1.83
523-31-5538-10-RFX	H	50	Right angle PCB receptacle	- - - - -	1.11	1.08	.99	.97
Adapters								
523-31-9-RFX	I	50	Right angle BNC jack to BNC plug	- - - - -	4.50	3.41	2.66	2.15
523-31-218-RFX	J	50	BNC straight adapter plug-plug	- - - - -	3.18	2.41	1.63	1.42
523-31-218-75RFX	J	75	Adapter plug/plug	- - - - -	4.28	3.24	2.19	1.91
523-31-219-RFX	K	50	BNC straight adapter jack-jack	- - - - -	2.58	2.15	1.49	1.42
523-31-220N-RFX	L	50	BNC bulkhead, jack-jack, non-sealed	- - - - -	3.74	2.84	1.94	1.78
523-31-220G-RFX	L	50	BNC bulkhead, jack-jack, gasketed	- - - - -	4.08	3.09	2.09	1.93
523-31-220N-75RFX	L	75	BNC bulkhead, jack-jack	- - - - -	3.74	2.84	1.94	1.78
523-31-208-RFX	M	50	BNC tee adapter jack-plug-jack	- - - - -	4.69	3.55	2.40	2.09
523-46650-51-RFX	N	50	Male cap, resistor terminated, 5% 1W	- - - - -	2.59	1.96	1.33	1.16
523-46650-75RFX	N	75	Male cap, resistor terminated, 5% 1W	- - - - -	2.59	1.96	1.33	1.16
523-46650-93RFX	N	93	Male cap, resistor terminated, 5% 1W	- - - - -	2.59	1.96	1.33	1.16
523-31-10152-RFX	O	50	Grounding lug	- - - - -	.59	.45	.31	.26

RFX BNC 3 PIECE HEX CRIMP CABLE MOUNT CONNECTORS

- Freq. range: 50Ω cables 0-4GHz, 75Ω cables 0-2GHz
- Voltage rating: 500V peak
- Temperature range: -65°C to 165°C (Teflon insulators)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	RG Cable Type	Imp. (Ω)	Use RFX Crimp Tool	Price Each			
					1	10	25	100
Plugs								
523-31-320-RFX	C	58	50	523-CTL-1	1.76	1.33	1.01	.82
523-31-321-RFX	C	59, 62	50	523-CTL-1	1.76	1.33	1.01	.82
523-31-71008-RFX	C	59, 62	75	523-CTL-1	1.76	1.33	1.01	.82
523-68175-5RFX	C	59 (20AWG)	50	523-CTL-1	1.45	1.22	.99	.81
523-31-315-RFX	C	174, 188, 316	50	523-CTL-2	2.27	1.72	1.16	1.01
523-31-71013-RFX	C	179, 187	75	523-CTL-2	2.27	1.72	1.16	1.01
523-31-321-10RFX	C	Belden 8281	50	523-CTL-2	2.38	1.78	1.18	1.01
523-31-4541-RFX	B	59	50	523-CTL-1	4.84	3.67	2.49	2.16
523-31-71000-RFX	C	6, Beldon 9248	75	523-CTL-2	2.96	2.25	1.52	1.33
523-36650-3RFX	C	Plenum 58	50	523-CTL-2	1.64	1.24	.84	.74
523-68175-11RFX	C	Plenum 59, 62	50	523-CTL-5	1.76	1.33	1.01	.91
523-31-242-RFX	C	179, 187	50	523-CTL-2	2.27	1.72	1.16	1.01
Jacks								
523-31-71014-RFX	P	179	75	523-CTL-2	2.60	1.97	1.34	1.16
Bulkhead Jacks								
523-31-342-RFX	G	58	50	523-CTL-1	3.41	2.58	1.75	1.53
523-31-343-RFX	G	59	50	523-CTL-1	3.41	2.58	1.75	1.53
523-31-71011-RFX	G	59	75	523-CTL-1	3.29	2.49	1.69	1.49
523-31-71016-RFX	G	179	75	523-CTL-2	3.99	3.03	2.05	1.81

RFX N CONNECTORS

- Voltage rating: 1500V peak
- Frequency range: 0-11GHz
- Impedance: 50Ω
- Temperature range: -65°C to 165°C (Teflon insulators)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	100
Plugs						
523-82-5375-RFX	Q	With crimp termination, fits RG 58, 141, and 142 A	4.58	3.47	2.35	2.11
523-82-202-RFX	R	N clamp, fits RG 8, 9, 144, 165, 213, 214, 216, and 225	6.09	4.25	2.83	2.67
523-82-4426-11RFX	Q	Crimp-crimp N, fits Belden 89880 (FEP) and 9880 (PVC)	4.99	3.79	2.45	2.22
Receptacle						
523-82-97-RFX	S	Front or rear mount with solder cup termination	4.62	2.42	2.34	2.25
523-82-101-RFX	T	N adapter jack to jack	4.78	3.62	2.45	2.31
523-82-100-RFX	U	N adapter plug to plug	7.81	5.93	4.04	3.51

RFX BETWEEN SERIES ADAPTERS

For quantities greater than listed, call for quote.

523-31-216-RFX	V	BNC jack to N plug	10.29	7.80	5.29	4.60
523-31-217-RFX	W	BNC plug to N jack	13.75	11.18	7.98	7.50
523-31-28-RFX	X	BNC jack to UHF plug	18.09	13.71	10.34	8.58

RFX TWINAXIAL WEATHERPROOF CONNECTORS

- Temperature range: -55°C to 85°C (Styrene insulators)

For quantities greater than listed, call for quote.

523-82-5588-RFX	Y	Adapter, twinax female to female	6.19	4.69	3.26	2.98
523-82-5589-RFX1	Z	Keyed twin plug, fits Belden 8227, 9207	6.62	5.29	4.87	4.23
523-82-5590-RFX	AA	Twinax receptacle, front mounted, solder cup terminals	8.36	6.66	4.55	3.96

RFX UHF CONNECTORS

- Voltage rating: 500V peak
- Frequency range: 0-300 MHz
- Temperature range: -55°C to 149°C (Phenolic insulators)

523-83-58FCP-RFX	BB	Plug, fits RG 58, 141	2.69	2.15	1.49	1.30
523-83-1SP-15RFX	CC	Plug, solder type, fits RG 8,9,11,13,63,87A,149,213,214,216,225	2.11	1.69	1.17	1.03
523-83-1R-RFX	DD	Receptacle, panel	3.08	2.32	1.74	1.58
523-83-878-RFX	EE	Receptacle, bulkhead	3.47	2.67	1.82	1.59
523-83-185-RFX	FF	Adapter, reducing, fits RG 55 (except 55A), 58, 141, 142	.45	.34	.28	.23
523-83-168-RFX	FF	Adapter, reducing, fits RG 59, 62, 71, 140, 210	.45	.34	.24	.23

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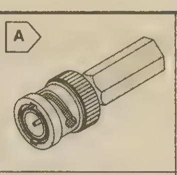
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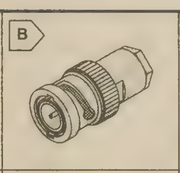
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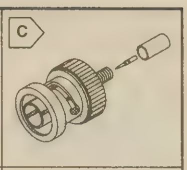
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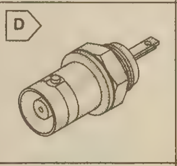
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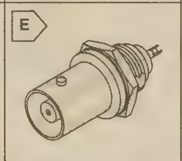
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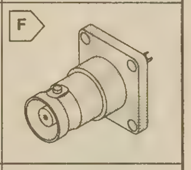
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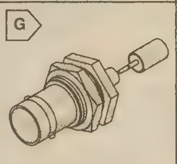
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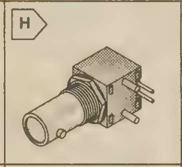
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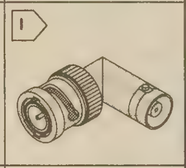
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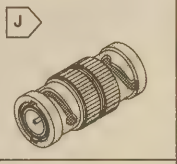
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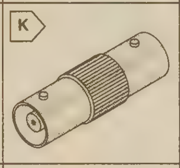
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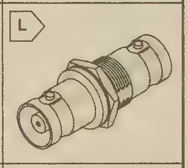
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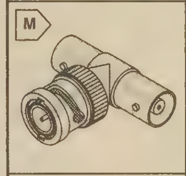
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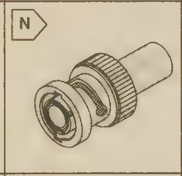
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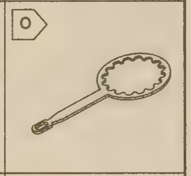
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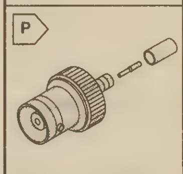
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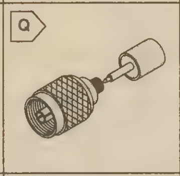
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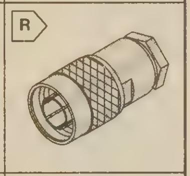
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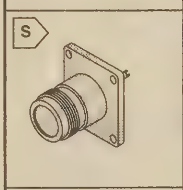
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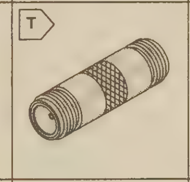
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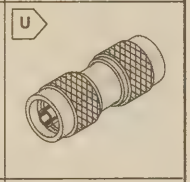
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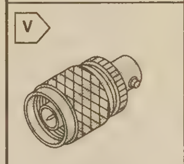
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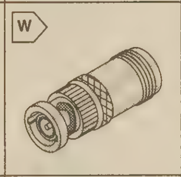
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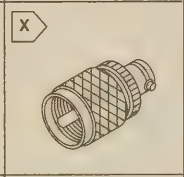
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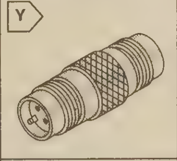
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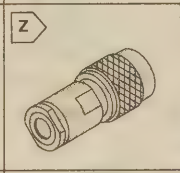
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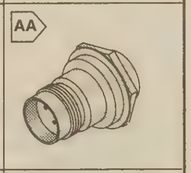
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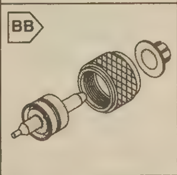
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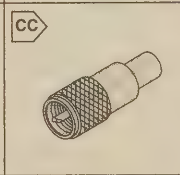
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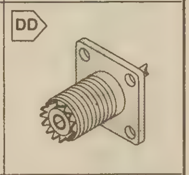
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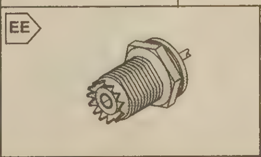
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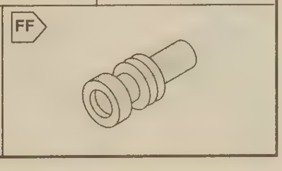

Amphenol® RF Connectors

BNC COAXIAL CONNECTORS

Amphenol BNC connectors are miniature, light weight units designed to operate satisfactorily up to 11GHz.The connectors typically yield low reflection up to 4GHz. BNC connectors are recognized under the component program of Underwriter's Laboratories, Inc.

- Temperature range: -65°C to 165°C (Teflon insulators)

Plugs

* Silver plated **Nickel plated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω)	MIL Type	RG Cable Type	Price Each			
					1	10	25	100
523-31-2	A	50	UG-88/U	58, 141, 142, 400	4.60	3.48	2.36	2.05
523-31-12	A	50	UG-260	59, 62, 61, 140, 210, 302,	5.53	4.99	4.62	4.38
523-31-202	A	50	UG-88C	55, 58, 141, 142, 223, 400	4.34	3.29	2.22	1.94
523-31-212	A	50	UG-260B	59, 62, 71, 140, 210	4.46	3.38	2.29	2.00
523-6775	A	50	UG-959/U	8, 9, 11, 213, 214	13.28	10.06	6.82	5.93
523-15875	A	50	- - - - -	178, 196	8.33	6.31	4.27	3.72
523-69475	A	50	- - - - -	174, 179, 187, 188, 316	8.66	6.56	4.45	3.87
523-31-242	B	50	- - - - -	179, 187	7.74	5.86	3.98	3.46
523-31-315	B	50	- - - - -	174, 188, 316	6.29	4.77	3.23	2.81
523-31-320	B	50	M23329/3-01,3-03	55, 58, 141, 142, 223, 400	5.67	4.30	2.91	2.53
** 523-31-320-1006	B	50	- - - - -	Belden 9907, 89907	5.38	4.08	2.76	2.40
523-31-321	B	50	M23329/3-05	59, 62, 140, 210	5.81	4.40	2.98	2.60
523-31-321-1000	B	50	- - - - -	Belden 8281, 88281	6.62	5.02	3.40	2.96
523-31-326	B	50	M23329/3-02, 3-04	55, 142, 223, 400	6.78	5.14	3.48	3.04
523-31-3212	B	50	UG-260D	59	5.60	4.24	2.88	2.50
523-31-4320	B	50	M39012/16-0013	55, 58, 141, 142, 223, 400	6.29	4.77	3.23	2.81
* 523-31-4321	B	50	M39012/16-0015	59, 62, 140, 210	6.89	5.22	3.53	3.08
523-31-70008	B	75	- - - - -	59	7.48	5.67	3.84	3.34
523-31-71008	B	75	- - - - -	59, 62	4.17	3.16	2.15	1.86
523-31-71008-2000	B	75	- - - - -	Plenum 59	5.03	3.81	2.58	2.25
523-31-71013	B	75	- - - - -	179, 187	5.03	3.81	2.58	2.25
523-36775	B	50	- - - - -	58, 141	5.81	4.40	2.98	2.60
523-36875	B	50	- - - - -	55, 142, 223, 400	6.01	4.55	3.08	2.68
523-68175	B	50	- - - - -	59, 140, 210, 302	5.28	4.00	2.71	2.36
523-68175-1003	B	50	- - - - -	Belden 9259	5.38	4.08	2.76	2.40
523-68175-1004	B	50	- - - - -	59, 62, 140, 210, 302	5.41	4.10	3.62	3.08
523-68175-1005	B	50	- - - - -	59	5.85	4.43	3.00	2.61
523-31-5136	C	50	- - - - -	59, 59A, 62, 62A, 140, 210	5.15	3.90	2.65	2.30
523-31-5137	C	50	- - - - -	58	7.25	5.49	3.72	3.23
523-31-5369	C	50	- - - - -	Plenum 59,62,Belden 89269,86262	7.97	6.04	4.09	3.56
523-31-4541	D	50	- - - - -	59, 62, 140, 210	7.19	6.25	5.69	5.19
523-31-4542	D	50	- - - - -	Belden 9268	8.55	6.48	4.39	3.82
523-31-4700	E	50	- - - - -	58	6.57	4.97	3.37	2.94
523-31-4702	E	50	- - - - -	59	6.10	4.62	3.13	2.73
523-31-371	F	50	- - - - -	174, 179, 187, 188, 316	15.72	11.91	8.06	7.02
523-31-335	G	50	- - - - -	55, 58, 141, 142, 223, 400	26.51	20.09	13.61	11.85
523-31-336	G	50	- - - - -	59, 62, 140, 210	21.50	16.28	11.03	9.60
523-8575	H	50	- - - - -	59, 62, 71, 140, 210	33.32	25.24	17.11	14.89

Receptacles

† Hardware sold seperately

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω)	Description	MIL Type	RG Cable Type	Price Each			
						1	10	25	100
523-31-342	I	50	Blkhd. mount	M23329/3-15, 3-17	58,141	8.04	6.09	4.13	3.59
† 523-31-5431	J	50	Std., round pins	- - - - -	- - - - -	5.94	4.50	3.05	2.66
† 523-31-5431-1010	J	50	Std., fork pins	- - - - -	- - - - -	5.93	4.49	3.04	2.65
† 523-31-5486-1010	J	50	Low profile, fork	- - - - -	- - - - -	5.94	4.50	3.05	2.66
† 523-31-5640	J	50	Std., round pins	- - - - -	- - - - -	6.20	4.70	3.18	2.77
† 523-31-5640-1010	J	50	Std., fork pins	- - - - -	- - - - -	6.20	4.70	3.18	2.77
523-31-5329	K	50	PC mount 3 leg	- - - - -	- - - - -	6.73	5.10	3.45	3.01
523-31-203	L	50	Flange mount	UG-290A/U	- - - - -	7.38	5.59	3.79	3.30
523-31-10	M	50	Front mnt.,Isol.	- - - - -	- - - - -	5.81	4.40	2.98	2.60
523-31-10-75	M	75	Front mnt.,Isol.	- - - - -	- - - - -	6.13	4.65	3.15	2.99
523-31-70018	N	75	Front mnt.	- - - - -	- - - - -	7.61	5.77	3.90	3.40
523-31-102	N	50	Fnt mnt. pres.	UG-657/U	- - - - -	8.08	4.62	3.13	2.73
523-31-221	N	50	Front mnt.	UG-1094/U	- - - - -	2.69	2.04	1.38	1.21
523-31-2221	N	50	Front mnt.	UG-1094A/U	- - - - -	3.18	2.41	1.64	1.42
523-31-236	N	50	Front mnt.	UG-625B/U	- - - - -	2.99	2.27	1.53	1.33
523-31-239	N	50	Fnt mnt. pres.	UG-657A/U	- - - - -	8.32	6.30	4.27	3.72
523-5575	N	50	Front mnt.	UG-625/U	- - - - -	4.67	3.54	2.29	1.88
523-31-5	O	50	Straight jack	UG-89	58,141,142,223,400	6.31	4.78	3.24	2.82
523-31-15	P	50	Straight jack	UG-261/U	59,62,71,140,210	10.02	7.59	5.15	4.48
523-31-4328	Q	50	Straight jack	UG-261/U	59,62,71,140,210	10.00	8.09	7.88	7.01
523-31-317	R	50	Crimp jack	- - - - -	174, 188, 316	12.44	9.42	6.39	5.55
† **Hardware for BNC PCB Bulkhead Receptacles**									
523-31-5652	- -		Nickel plated hex nut			1.05	.80	.54	.47
523-31-5653	- -		Nickel plated lockwasher			1.07	.81	.55	.48

Adapters and Accessories

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω)	MIL Type	Description	Price Each			
					1	10	25	100
523-31-218	S	50	UG-491A/U	Adapter, BNC plug to BNC plug	9.75	7.39	5.01	4.36
523-31-219	T	50	UG-914/U	Adapter, BNC jack to BNC jack	5.64	4.27	2.89	2.52
523-31-70019	T	75	- - - - -	Adapter, BNC jack to BNC jack	6.27	4.75	3.21	2.80
523-31-9	U	50	UG-306/U	Adapter, 90° BNC jack to BNC plug	13.98	10.59	7.18	6.24
523-31-209	U	50	UG-306A/U	Adapter, 90° BNC jack to BNC plug	15.25	11.56	7.83	6.82
523-31-220H	V	50	UG-492A/U	Sealed bulkhead adapter jack to jack	9.61	7.28	4.93	4.30
523-31-220N	V	50	- - - - -	Adapter, bulkhead jack to jack	8.33	6.31	4.27	3.72
523-31-3220	V	50	UG-4920/U	Adapter, bulkhead jack to jack	12.26	9.29	6.29	5.48
523-31-4803	V	50	- - - - -	Adapter, bulkhead mount jack to jack	13.51	10.24	6.94	6.04
523-31-8	W	50	UG-274/U	Adapter, TEE-BNC jack-plug-jack	13.26	10.04	6.81	5.92
523-31-208	W	50	UG-274A/U	Adapter, TEE-BNC jack-plug-jack	11.03	8.35	5.65	4.92
523-35650-75	X	75	- - - - -	Cap-resistor term. with chain	16.70	12.65	8.57	7.46
523-46650-51	X	51	- - - - -	Cap-resistor term. without chain	16.18	12.26	8.30	7.23
523-46650-75	X	75	- - - - -	Cap-resistor term. without chain	12.21	9.25	5.97	4.90
523-31-17	Y	- -	CW-159/U	Male shooting cap and chain	7.96	6.03	3.90	3.20
523-31-759	Z	50	IBM-2245373	Shield, grounding lug	.62	.47	.32	.28

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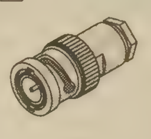

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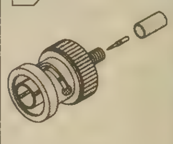

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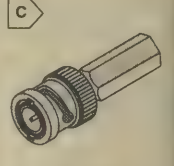

Suretwist®

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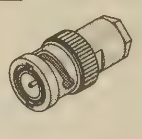

Quick-trim®

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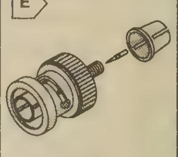

FCP

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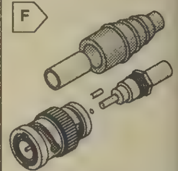

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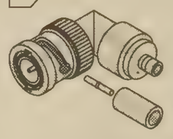

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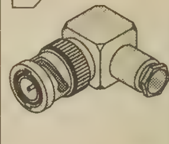

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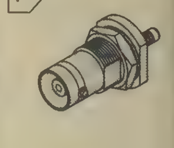

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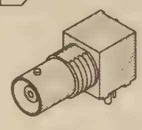

PC Mount
Hardware Optional

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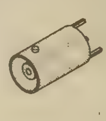

PC Mount

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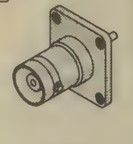

Solder

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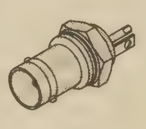

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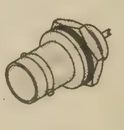

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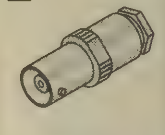

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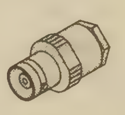

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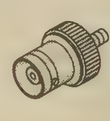

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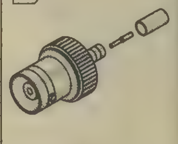

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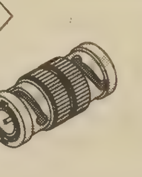

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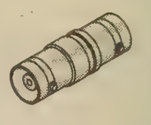

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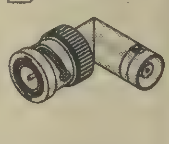

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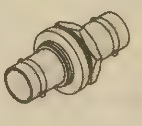

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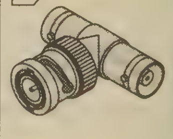

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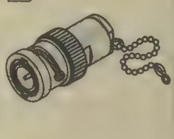

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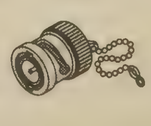

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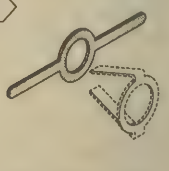

Amphenol® RF Connectors

BETWEEN SERIES ADAPTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	100
523-31-216	A	BNC jack to N plug	12.29	9.83	6.67	5.80
523-79675	B	BNC jack to TNC plug	21.58	20.44	14.77	14.20
523-31-28	C	BNC jack to UHF plug	19.21	14.56	10.99	9.11
523-4400	D	N plug to UHF jack	18.84	14.50	9.86	8.96
523-31-217	E	BNC plug to N jack	13.86	11.75	7.99	7.54
523-79025	F	BNC plug to TNC jack	30.77	24.62	20.51	16.81
523-2900	G	BNC plug to UHF jack	14.69	10.88	7.61	6.34
523-901-167	H	BNC jack to SMA jack, BeCu body plating	33.84	27.07	23.54	20.47
523-901-166	I	BNC jack to SMA plug, BeCu body plating	36.14	28.91	25.14	21.86

TNC CONNECTORS 50Ω Impedance

- Temperature range: -65°C to +165°C (Teflon insulators)
- Frequency range: 0-11GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
Plugs							
523-31-2368	J	Straight, crimp	59, 62	5.53	4.19	2.84	2.47
523-36825	J	Straight, crimp	58, 141	5.88	4.45	3.02	2.63
523-77175	K	Straight, clamp, brass contact	55, 58, 141, 142, 223, 400	23.88	20.24	17.62	15.33
523-79875	K	Str., clamp, berillium copper contact	55, 58, 141, 142, 223, 400	8.46	7.31	6.53	6.04
Receptacles							
523-31-2300	L	Panel mnt., 3-56 tapped flangehole	- - - - -	10.08	7.64	4.93	4.05
523-31-2301	M	Bulkhead, front mnt.	- - - - -	8.67	6.57	4.24	3.48
Adapters							
523-31-4791	N	Straight, jack to jack	- - - - -	13.71	10.39	7.04	6.13
523-31-4804	O	Bulkhead, jack to jack isolated	- - - - -	17.04	12.92	8.34	6.85

N WEATHER PROOF COAXIAL CONNECTORS 50Ω Impedance

MEETS MIL SPECS

- Temperature range: -65°C to +165°C (Teflon insulators)
- Frequency range: 0-11GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	MIL Type	RG Cable Type	Price Each			
					1	10	25	100
Plugs								
523-82-340	Q	Crimp, w/safety wire holes	M39012/1B0007	8, 213	10.56	8.00	5.42	4.72
523-82-4425	Q	Crimp, w/safety wire holes	01-0501	214, 225, 393	12.02	9.11	6.17	5.36
523-82-4426-1001	Q	Crimp, gold plated	- - - - -	Belden 89880	16.77	9.39	8.95	8.45
523-82-5370	Q	Crimp	- - - - -	55, 142, 223	8.12	6.15	4.15	3.62
523-82-5375	Q	Crimp	- - - - -	58, 141	8.38	6.35	4.30	3.74
523-82-61	R	Clamp, N plug	UG-21B	8,9,144,165,213	9.98	7.56	5.12	4.46
523-82-202	R	Clamp w/safety wire holes	UG-21D	8,9,122,165,213	7.55	5.71	3.81	3.59
523-82-202-1006	R	Clamp, w/non-captive pin	- - - - -	Belden 9913	8.92	6.29	4.19	3.95
523-82-312	R	Clamp, N plug	UG-1185	8,9,144,165,213	7.80	4.10	4.01	3.93
523-34000	R	Clamp, N plug	UG-536	58, 141, 142	17.12	12.97	11.27	10.25
523-34025	R	Clamp	UG-536B	58, 141, 142	8.57	6.49	4.40	3.82
Receptacles								
523-82-63	S	In-line	UG-23B	8,9,87A,144,213,214	11.26	8.53	5.78	5.03
523-82-811	M	Bulkhead, front mount	UG-680	- - - - -	31.83	23.57	16.84	15.31
523-82-97	L	Panel mount	UG-58A	- - - - -	6.27	4.30	4.22	4.13
Adapters and Accessories								
523-82-100	T	Straight N-plug to N-plug	UG-57B	- - - - -	11.54	7.45	5.73	5.41
523-82-65	U	Straight N-jack to N-jack	UG-29A	- - - - -	15.75	11.93	7.70	6.32
523-82-101	U	Straight N-jack to N-jack	UG-29B	- - - - -	10.19	8.15	5.82	5.49
523-82-64	V	90° N-jack to N-plug	UG-27A	- - - - -	27.14	20.56	13.93	12.12
523-82-213	V	90° N-jack to N-plug	UG-27C	- - - - -	23.02	17.73	11.82	11.15
523-82-66	W	Bulkhead mnt. N-J to N-J	UG-30	- - - - -	25.03	18.96	12.85	11.19
523-82-5721-1000	X	Term. cap, 49.9Ω, 1%, 1W	- - - - -	- - - - -	31.94	24.19	16.40	14.28

TWINAXIAL WEATHERPROOF CONNECTORS

- Temperature range: -55°C to +85°C (Styrene insulators)
- Frequency range: 0-200MHz
- Voltage rating: 500V peak

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
Plugs							
523-31-224	Y	BNC with1 male/1 female contact	108A	10.52	8.28	5.60	4.87
523-31-2226	Y	Polarized BNC V groove clamp	108A	14.37	10.89	7.37	6.42
523-82-5589	R	Screw-on plug	Belden 8227, 9207	12.52	9.99	6.82	5.93
523-82-GB635-CR	R	Clamp and solder/crimp keyed 90°	- - -	13.80	10.22	7.86	7.15
Receptacles							
523-31-223	Z	Bulkhead polarized BNC	- - -	19.95	15.71	10.61	9.23
523-31-2225	Z	Bulkhead polarized BNC, TFE insul.	- - -	18.41	14.00	9.49	8.25
Adapters							
523-82-5588	AA	Adapter, twinax female to female	- - -	26.50	20.38	14.17	12.32
Contacts for 523-82-5589							
523-82-10588	- -	Bag of 50 contacts for 523-82-5589 only		73.26	55.50	37.61	32.73

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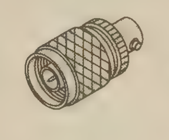

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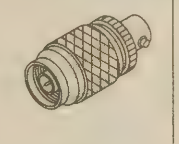

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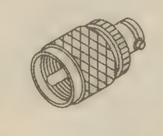

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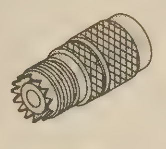

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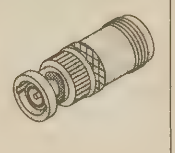

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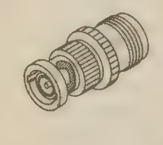

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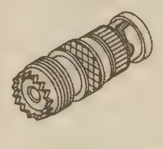

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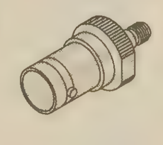

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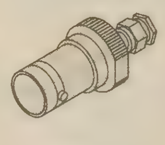

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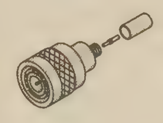

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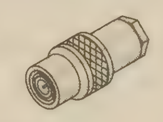

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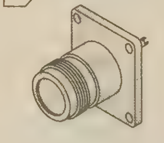

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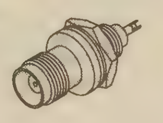

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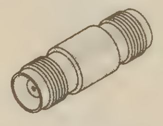

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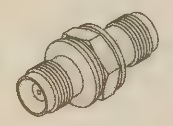

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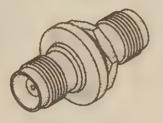

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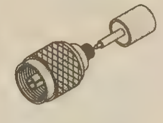

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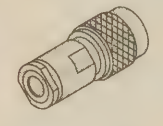

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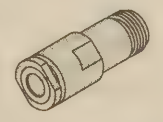

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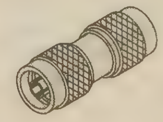

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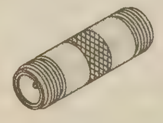

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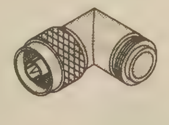

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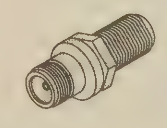

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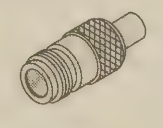

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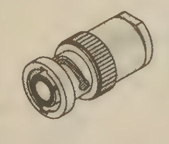

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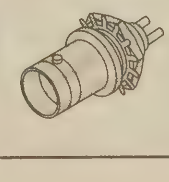

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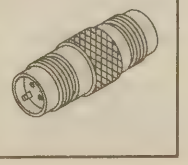

Amphenol® Subminature Coaxial RF Connectors

SMA STAINLESS STEEL CONNECTORS

- 50Ω impedance
- Temperature range: -65°C to +165°C (Teflon insulators)
- Frequency range: 0-18GHz
- Stainless steel

MEETS MIL SPECS™

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
Plugs Cable attachment: outer-crimp, inner-solder							
523-901-9723	A	Passivated nut	405	4.91	3.93	3.42	2.97
523-901-9201-1A	A	Gold plated nut, w/out cont. & insul.	405	8.37	6.70	5.82	5.06
523-901-9511-1	B	Gold plated body and nut	55, 142, 223, 400	7.47	5.97	5.19	4.52
523-901-9511-3	B	Gold plated body and nut	174, 179, 187, 188, 316	6.79	5.43	4.72	4.11
523-901-9511-3SF	B	Passivated body and nut	174, 179, 187, 188, 316	5.59	4.47	3.89	3.38
523-901-9531-1	C	RA, gold plated body and nut	55, 142, 223, 400	10.43	8.35	7.26	6.31
523-901-9531-3	C	RA, gold plated body and nut	174, 179, 187, 188, 316	10.87	8.70	7.56	6.58
523-901-9531-1SF	C	RA, passivated body	SF142B, AA2423	7.03	5.62	4.89	4.25
523-901-9531-3SF	C	RA, passivated body	174, 179, 187, 188, 316	7.03	5.62	4.89	4.25
523-901-9601-3	D	Gold plated body and nut	174, 179, 187, 188, 316	16.76	13.41	11.66	10.14
523-901-9601-3SF	D	Passivated body and nut	174, 179, 187, 188, 316	13.08	10.46	9.10	7.91
Receptacles							
523-901-9202-2A	E	Jack	405	15.02	12.01	10.45	9.08
523-901-9610-3	F	Gold plated, jack	- - - - -	16.04	12.84	11.16	9.71
523-901-144	G	Gold plated, PCB panel jack	- - - - -	8.10	6.48	5.63	4.90
523-901-143	H	Gold plated, PCB right angle jack	- - - - -	10.11	8.09	7.03	6.11
523-901-9215	I	Gold plated body, panel jack	- - - - -	16.70	13.36	11.62	10.10
523-901-9211	J	Gold plated, bulkhead jack, rear mnt.	- - - - -	17.94	14.35	12.48	10.85
523-901-9211-SF	J	Passivated, bulkhead jack, rear mnt.	- - - - -	15.73	12.61	10.96	9.53
523-901-9220	K	Gold plated, bulkhead, fr. or rear mnt.	- - - - -	9.36	7.49	6.51	5.66
523-901-9220-SF	K	Passivated, bulkhead, fr. or rear mnt.	- - - - -	9.02	7.21	6.27	5.45
In-Series and Between Series Adapters							
523-901-9209-A	L	SMA jack to SMA jack, gold plating	- - - - -	13.01	10.41	9.05	7.87
523-901-9209-ASF	L	SMA jack to SMA jack, passivated	- - - - -	11.37	9.10	7.91	6.88
523-901-9217	M	SMA jack to SMA jack, gold plating	- - - - -	38.57	30.86	26.83	23.33
523-901-167	N	BNC jack to SMA jack, BeCu plating	- - - - -	33.75	27.00	23.48	20.59
523-901-166	O	BNC jack to SMA plug, BeCu plating	- - - - -	35.97	28.89	25.89	22.71

SMA BRASS COAXIAL CONNECTORS

- 50Ω impedance
- Frequency range: 0-18GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
Plugs							
523-901-9867	A	Gold plated	.085 S/R	3.02	2.46	2.15	1.87
523-901-9870	P	Gold plated crimp	RG-58	4.65	3.72	3.23	2.81
523-901-9871	P	Gold plated crimp	RG-223, 141	4.87	3.89	3.39	2.94
523-901-9876-RFX	P	Nickel plated crimp	RG-58	2.64	2.11	1.84	1.60
523-901-9877-RFX	P	Nickel plated crimp	RG-174, 188, 316	2.64	2.11	1.84	1.60
523-901-9916	P	Gold plated crimp	RG-174, 188, 316	4.63	3.70	3.22	2.80
523-901-9872	Q	Gold plated right angle	RG-174, 188, 316	7.84	6.27	5.45	4.74
523-901-9873	Q	Gold plated right angle	RG-58	8.51	6.81	5.92	5.15
523-901-9874	Q	Gold plated right angle	RG-141, 223	7.84	6.27	5.45	4.74
523-901-9880-RFX	Q	Nickel plated right angle	RG-58	4.43	3.54	3.08	2.68
523-901-9881-RFX	Q	Nickel plated right angle	RG-174, 188, 316	3.32	3.16	3.01	2.73
Jacks							
523-901-9875	R	Bulkhead jack gold plated	RG-174, 188, 316	7.57	6.06	5.27	4.58
523-901-9879-RFX	R	Bulkhead jack nickel plated	RG-174, 188, 316	5.89	4.72	4.10	3.57
523-901-9893-RFX	S	Panel jack solder cup	- - - - -	4.34	3.48	3.02	2.63
523-901-9891-RFX	T	Panel jack post terminal	- - - - -	6.09	4.87	4.24	3.68
523-901-9892-RFX	I	Panel jack solder cup	- - - - -	4.50	3.60	3.13	2.72
523-901-9887-RFX	I	Panel jack post terminal	- - - - -	6.50	5.20	4.53	3.93
523-901-9889-RFX	J	Bulkhead receptacle front mount	- - - - -	3.73	2.99	2.60	2.26
523-901-9890-RFX	J	Bulkhead receptacle rear mount	- - - - -	3.73	2.99	2.60	2.26
PCB Plugs/Jacks							
523-901-9895-RFX	U	PCB plug gold plated	- - - - -	3.47	2.70	2.41	2.10
523-901-9894-RFX	V	Right angle PCB plug gold plated	- - - - -	6.46	5.17	4.49	3.91
523-901-144-8RFX	G	PCB jack gold plated	- - - - -	3.01	2.41	2.10	1.82
523-901-143-6RFX	H	PCB r/a jack gold plated	- - - - -	5.13	4.10	3.57	3.10

SMB STAINLESS STEEL CONNECTORS

- Frequency range: 0-4GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
Plugs Cable attachment: outer-crimp, inner-solder							
523-903-370P-51S	V	Plug, nickel plating	174, 179, 187, 188, 316	5.57	4.45	3.87	3.37
523-903-285P-51S	W	Plug, gold plating	174, 179, 187, 188, 316	8.95	7.16	6.23	5.41
523-903-371P-51S	W	Plug, nickel plating	178, 196	6.11	4.89	4.25	3.70
523-903-287P-51S	W	Plug, gold plating	178, 196	14.69	11.75	10.22	8.89
523-903-367P-51A	X	Right angle plug, nickel plating	174, 179, 187, 188, 316	6.40	5.12	4.45	3.87
523-903-289P-51A	X	Right angle plug, gold plating	174, 179, 187, 188, 316	6.44	5.15	4.48	3.90
523-903-368P-51A	X	Right angle plug, nickel plating	178, 196	6.72	5.38	4.68	4.07
523-903-291P-51A	X	Right angle plug, gold plating	178, 196	10.70	8.56	7.44	6.47
Receptacles							
523-903-415J-51P	Y	PCB jack, gold plating	- - - - -	5.26	4.21	3.66	3.24
523-903-373J-51A	Z	PCB, RA jack, tin-lead plating	- - - - -	5.85	4.68	4.07	3.54

SMC STAINLESS STEEL CONNECTORS

- Freq. range: 0-10GHz
- Cable att.: outer-crimp, inner-solder

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
523-903-288P-52A	AA	Right angle plug, gold plating	174, 179, 187, 188, 316	16.55	13.24	11.51	10.01

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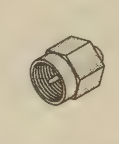

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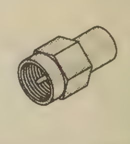

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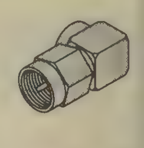

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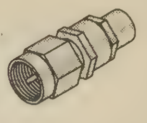

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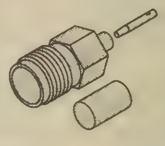

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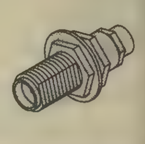

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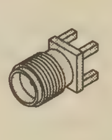

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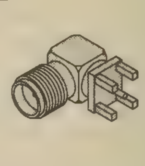

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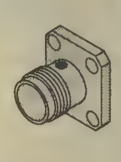

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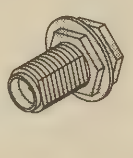

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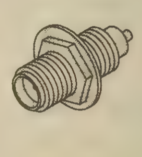

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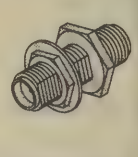

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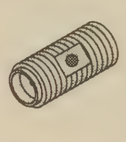

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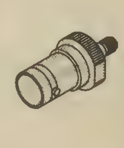

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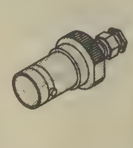

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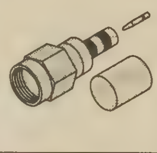

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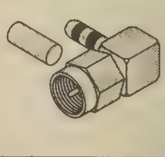

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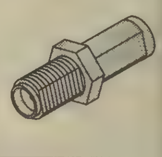

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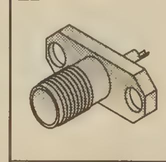

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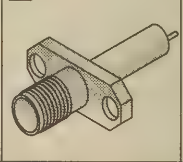

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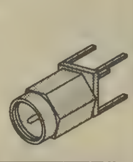

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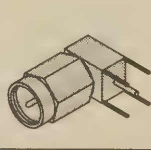

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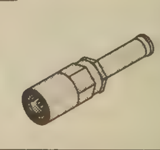

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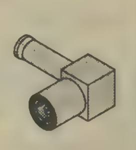

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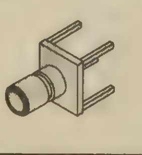

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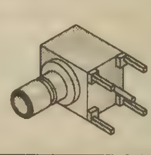

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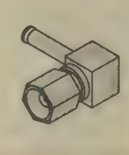

Amphenol® Connectors, Accessories, and Tools

MCX SUBMINIATURE RF CONNECTORS

Features: • Quick connect/disconnect; snap on mating • Low profile series • Broadband performance with low reflection; DC to 6 GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	25	100
Plugs							
523-120P-51SX	A	Plug, gold plating	.086/SR	6.18	4.95	4.30	3.74
523-121P-51SX	B	Plug, gold plating	RG178	6.08	4.87	4.23	3.68
523-101P-51SX	C	Plug, gold plating	RG316	5.31	4.25	3.69	3.21
523-101P-51S1X	C	Plug, nickel plating	RG316	4.94	3.95	3.44	2.99
523-102P-51AX	D	RA plug, gold plating	.086/SR	7.91	6.33	5.50	4.79
523-103P-51AX	E	RA plug, gold plating	.141/SR	7.91	6.33	5.50	4.79
523-122P-51AX	F	RA plug, gold plating	RG178	6.18	4.95	4.30	3.74
523-104P-51AX	F	RA plug, gold plating	RG316	5.76	4.61	4.00	3.48
523-104P-51A1X	F	RA plug, nickel plating	RG316	5.35	4.28	3.72	3.24
Receptacles							
523-114J-51SX	G	Jack, gold plating	.086/SR	6.02	4.82	4.19	3.64
523-107J-51SX	B	Jack, gold plating	RG316	4.74	3.79	3.30	2.87
523-107J-51S1X	B	Jack, nickel plating	RG316	4.43	3.55	3.08	2.68
523-109J-51PX	H	PCB jack, gold plating	- - -	4.03	3.22	2.80	2.44
523-119J-51AX	I	RA PCB jack, gold plating	- - -	6.29	5.03	4.37	3.80
523-118J-51P	-	SMT jack, gold plating	- - -	6.61	5.29	4.60	4.00

UHF AND MINI-UHF COAXIAL CONNECTORS

For quantities greater than listed, call for quote.

• Temperature range: -55°C to +149°C (Phenolic insulators) • Frequency range: 0-300MHz • Voltage rating: 500V peak

MOUSER STOCK NO.	Fig.	Description	MIL Type	RG Cable Type	Price Each			
					1	10	25	100
Miniature 50Ω Plugs								
523-81-115	J	Crimp plug	- - - - -	58/A,B,C	2.37	1.79	1.22	1.05
523-81-120	K	Bulkhead receptacle	- - - - -	- - - - -	2.17	1.67	1.19	.99
523-81-116	L	Crimp jack	- - - - -	58, 141, 142A	2.42	1.92	1.50	1.42
Standard Plugs								
523-83-1SP	M	Plug, solder	PL-259	*	3.90	2.96	2.01	1.74
523-83-1SP-1050	M	Plug, UG standard	PL-259	8, 9, 11	2.43	1.93	1.35	1.18
523-83-750	M	Plug, solder	UG-111/U	59, 62, 140, 210	4.79	3.68	2.50	2.15
523-83-822	M	Plug, solder	PL-259	*	4.20	3.18	2.15	1.87
523-83-58FCP	N	Plug, FCP	Standard	58, 141	3.75	2.99	2.41	2.19
523-83-58SP	O	Plug, crimp	- - - - -	58, 141	5.74	4.58	3.18	2.76
Standard Receptacles								
523-83-1R	P	Receptacle, standard	SO-239	- - - - -	3.29	2.63	1.89	1.60
523-83-798	P	Panel receptacle	SO-239	- - - - -	5.51	4.29	2.91	2.53
523-83-875-1002	Q	Front mount	- - - - -	- - - - -	9.71	7.35	5.75	5.23
523-83-878	Q	Rear mount	- - - - -	- - - - -	3.55	2.73	1.86	1.63
Standard Adapters and Accessories								
523-83-1J	R	Straight jack to jack	PL-258	- - - - -	4.33	3.45	2.93	2.38
523-83-1F	S	Bulkhead, jack to jack	UG-363	- - - - -	14.24	10.55	7.54	7.32
523-83-1AP	T	90° jack to plug	UG-646	- - - - -	7.49	5.97	5.46	4.26
523-83-1T	U	Tee, jack/plug/jack	M-358	- - - - -	11.83	9.10	6.82	6.48
523-83-185	V	Reducer	UG-175	58, 141, 142	.80	.64	.42	.38
523-83-168	V	Reducer	UG-176	59, 62, 71,140, 210	.82	.66	.55	.49
523-83-765	W	Hood	UG-177/U	- - - - -	2.69	2.08	1.41	1.22
523-83-1AC	X	Male cap and chain	- - - - -	- - - - -	9.65	7.43	6.49	6.17

* RG cable type: 8, 9, 11, 13, 63, 87A, 149, 213, 214, 216, 225

HIGH VOLTAGE MHV CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	MIL Type	RG Cable Type	1	10	25	100
Plugs								
523-29100	Y	Standard clamp	- - - - -	55, 141, 142	14.20	10.76	7.29	6.34
523-28000	Y	Standard clamp	UG-932	59, 62, 71	13.09	9.92	6.72	5.85
Receptacles								
523-27000	Z	Panel, rear mount	UG-931	- - - - -	11.68	8.85	5.99	5.22

CATV F SERIES CONNECTORS

• Impedance: 75Ω • Frequency: DC to 1GHz • Temperature range: -40°F to +140°F

• Plugs VSWR: 2MHz to 30MHz = ≤ 1.05 / 30MHz to 600MHz = ≤ 1.07 / 600MHz to 1GHz= ≤ 1.10

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	25	100	250
Weathersealed							
523-531-WF59U	AA	Plug, 1, 2, 3, or 4 shield	RG59	.69	.53	.51	.49
Standard							
523-531-F59-R	BB	Plug, for regular braid shield	RG59	.40	.31	.28	.25
523-531-F59-Q	BB	Plug, for quad braid shield	RG59	.40	.31	.28	.25
523-531-F6-R	BB	Plug, for regular braid shield	RG6	.40	.31	.28	.25
523-531-F6-Q	BB	Plug, for quad braid shield	RG6	.40	.31	.28	.25
523-531-F11	CC	Plug, with pin	RG11	2.00	1.52	1.43	1.29
Adapters and Accessories							
523-531-F81	DD	F barrel splice F/F	- - - - -	.50	.40	.35	.32
523-531-F81-L	EE	F barrel splice F/F long version	- - - - -	.51	.42	.32	.29
523-531-F81-NW	FF	F barrel splice F/F with hardware	- - - - -	.58	.48	.36	.34
523-531-TR59-1/4	GG	1/4 with terminating resistor	- - - - -	.50	.40	.35	.32
523-531-GB1	HH	Single grounding block	- - - - -	.65	.51	.43	.39

TWINHEX TOOL

The twinhex tool is a tool frame with interchangeable crimping dies selected for the cable and connector being assembled. Purchase of the handle and some of the four die sets allows termination of most coaxial and twinaxial cables.

MOUSER STOCK NO.	Fig.	Description	Use with Die Set	Price Each
523-227-944	II	Tool, twinhex	Contact your Mouser Sales Representative for proper die set	223.90

CTL CRIMP TOOLS

MOUSER STOCK NO.	Fig.	Description	Use with Connector Series	RG Cable Type	Price Each
523-CTL-1	JJ	Crimp tool	BNC / TNC	58, 59, 62, Plenum 58, 59, 62	47.27
523-CTL-2	JJ	Crimp tool	2 pc. BNC crimp plug	RG-6, 174, 179, B8281 RG-58, 59, 62, Plenum 58, 59, 62	47.27
523-CTL-3	JJ	Crimp tool	Type N 3 piece plug	58, 8, 213, 214	47.27
523-CTL-4	JJ	Crimp tool	Twinax 82-5589-RFX	Belden 8227, 9207, 89207	47.27
523-CTL-5	JJ	Crimp tool	BNC, TNC, Mini UHF, and N 3 piece	55, 58, 141, 142, 223, 303, 400, 59, 62, 140, 210 Plenum 59, 66 Belden 9258, 9259, 9907, 89907	47.27

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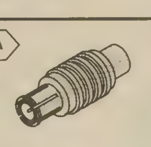
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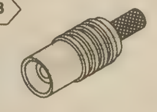
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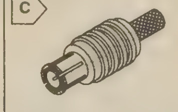
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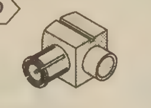
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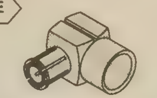
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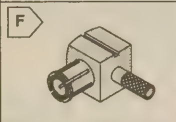
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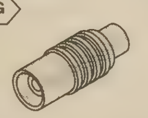
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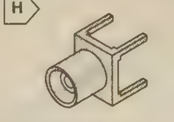
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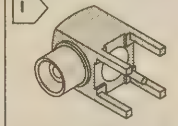
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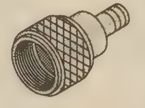
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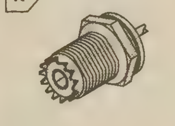
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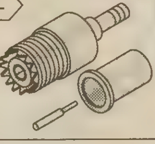
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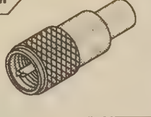
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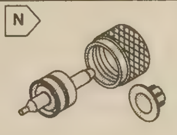
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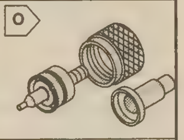
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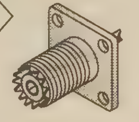
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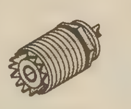
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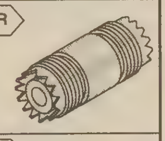
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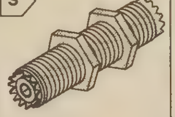
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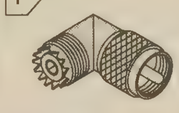
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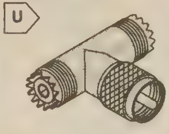
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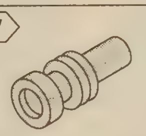
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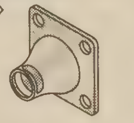
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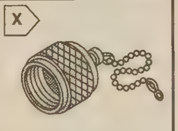
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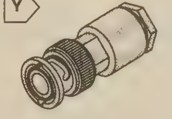
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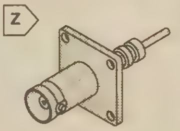
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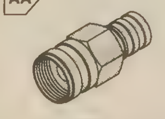
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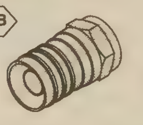
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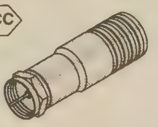
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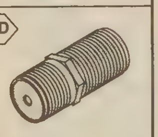
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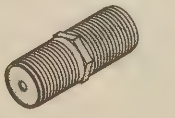
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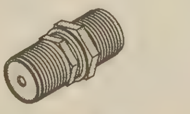
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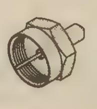
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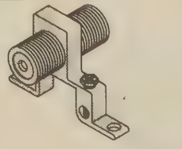
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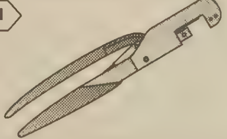
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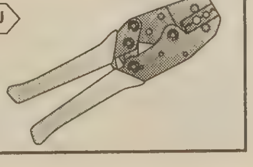

JOHNSON Components™ RF Connectors

SMA/SMB TYPE CONNECTORS

☑ MEETS MIL SPECS™ (SMA / SMB Types)

Cable Sizes:

A = RG-161/U, 174, 188, 316
B = .141 Semi-Rigid
C = RG-58/U, 141, 303
D = .086 Semi-Rigid
E = RG-55/U, 142, 223, 400
F = RG-188DS, 316DS
G = RG-16/U, 174, 179, 187, 188, 316
H = RG-179,187
J = RG-188/U, 316, 161, 174

SMA Types 50Ω 0-18 GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Plating	Cable Size	Price Each			
					1	10	50	100
530-142-0203-011	A	Straight clamp type plug	Gold	A	9.80	8.59	7.39	6.33
530-142-0203-101	B	Flexible cable right angle clamp type plug	Gold	A	6.94	6.24	5.67	5.20
530-142-0694-016	C	Semi-rigid straight cable plug, w/o contact	Nickel	B	.87	.77	.66	.57
530-142-0701-406	D	Rear mount bulkhead jack	Nickel	-	5.47	4.79	4.12	3.53
530-142-0701-401	D	Rear mount bulkhead jack	Gold	-	5.28	4.62	3.97	3.44
530-142-0701-411	E	Bulkhead jack front mount	Gold	-	6.33	5.55	4.77	4.17
530-142-0701-211	F	PC jack receptacle	Gold	-	7.67	6.84	5.90	5.32
530-142-0701-321	G	Right angle PC jack	Gold	-	11.05	9.69	8.33	7.14
530-142-0701-326	G	Right angle PC jack	Nickel	-	10.79	9.96	9.16	7.98
530-142-0403-011	H	Straight crimp type plug	Gold	A	5.47	4.79	4.12	3.53
530-142-0407-016	H	Straight crimp type plug	Nickel	C	6.23	5.48	4.81	3.92
530-142-0693-001	J	Straight solder type plug	Gold	D	3.78	3.32	2.86	2.45
530-142-0693-006	J	Straight solder type plug	Nickel	D	3.40	2.98	2.56	2.20
530-142-0694-011	C	Straight solder type plug	Gold	B	1.26	1.10	.93	.82
530-142-0694-021	K	Straight solder type plug	Gold	B	1.98	1.67	1.45	1.32
530-142-0694-026	K	Straight solder type plug	Nickel	B	1.52	1.39	1.26	1.15
530-142-0594-401	L	Straight solder type jack	Gold	B	7.75	6.81	5.73	5.02
530-142-0594-406	L	Straight solder type jack	Nickel	B	8.77	7.98	7.25	6.59
530-142-0701-201	M	Straight jack receptacle	Gold	-	5.14	4.51	3.87	3.32
530-142-0701-206	M	Straight jack receptacle	Nickel	-	5.23	4.59	3.87	3.38
530-142-0701-301	N	Right angle jack receptacle	Gold	-	7.31	6.41	5.51	4.72
530-142-0701-306	N	Right angle jack receptacle	Nickel	-	7.87	6.89	6.06	4.92
530-142-0701-501	O	Right angle bulkhead jack receptacle	Gold	-	10.78	9.45	8.12	6.96
530-142-0701-506	O	Right angle bulkhead jack receptacle	Nickel	-	12.58	10.85	9.58	8.65
530-142-0701-801	P	End launch jack receptacle, PCB pin length .187	Gold	-	5.48	4.81	4.13	3.54
530-142-0701-806	P	End launch jack receptacle, PCB pin length .187	Nickel	-	5.81	5.11	4.30	3.76
530-142-0701-881	P	End launch jack receptacle, PCB pin length .212	Gold	-	5.85	4.96	4.38	3.58
530-142-0701-886	P	End launch jack receptacle, PCB pin length .212	Nickel	-	7.69	6.99	6.36	5.78
530-142-0701-871	Q	End launch jack receptacle, PCB pin length .187	Gold	-	9.65	8.23	7.27	6.13
530-142-0701-876	Q	End launch jack receptacle, PCB pin length .187	Nickel	-	8.26	7.51	6.83	6.21
530-142-0403-006	H	Straight crimp type plug	Nickel	A	10.94	9.62	8.10	7.10
530-142-0403-016	H	Straight crimp type plug	Nickel	A	5.08	4.47	3.84	3.29
530-142-0407-011	H	Straight crimp type plug	Gold	C	5.64	4.96	4.18	3.65
530-142-0408-011	H	Straight crimp type plug	Gold	E	5.38	4.87	4.37	3.90
530-142-0408-016	H	Straight crimp type plug	Nickel	E	5.43	4.77	4.17	3.52
530-142-0403-101	R	Right angle crimp type plug	Gold	A	7.57	6.64	5.71	4.89
530-142-0403-106	R	Right angle crimp type plug	Nickel	A	8.36	7.46	6.48	5.30
530-142-0404-101	R	Right angle crimp type plug	Gold	F	8.94	8.13	7.39	6.72
530-142-0404-106	R	Right angle crimp type plug	Nickel	F	7.31	6.42	5.41	4.73
530-142-0203-106	B	Right angle crimp type plug	Nickel	A	8.36	7.46	6.48	5.30
530-142-0701-621	S	Flange mount jack receptacle	Gold	-	5.27	4.62	3.97	3.40
530-142-0701-626	S	Flange mount jack receptacle	Nickel	-	6.16	5.60	5.09	4.62
530-142-0003-201	T	Straight crimp type cable termin. for flexible cable	Gold	G	2.46	2.06	1.86	1.65
530-142-0003-206	T	Straight crimp type cable termination for flexible cable	Nickel	G	1.78	1.56	1.36	1.20

SMB Types 50Ω 0-4 GHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Plating	Cable Size	Price Each			
					1	10	50	100
530-131-1701-206	I	Straight jack receptacle, die cast, leg length .155"	Nickel	-	2.45	2.15	1.85	1.58
530-131-3701-201	U	Straight jack receptacle, leg length .155"	Gold	-	2.60	2.28	1.96	1.68
530-131-3701-206	U	Straight jack receptacle, leg length .155"	Nickel	-	2.05	1.81	1.56	1.33
530-131-1701-201	I	Straight jack receptacle, die cast, leg length .155"	Gold	-	2.29	2.07	1.96	1.68
530-131-1701-211	I	Straight jack receptacle, die cast, leg length .095"	Gold	-	2.70	2.31	2.07	1.68
530-131-1701-216	I	Straight jack receptacle, die cast, leg length .095"	Nickel	-	2.45	2.15	1.85	1.58
530-131-3701-301	V	Right angle jack receptacle	Gold	-	4.95	4.34	3.73	3.20
530-131-3701-306	V	Right angle jack receptacle	Nickel	-	4.43	3.89	3.34	2.86
530-131-1701-371	W	Right angle jack receptacle, die cast	Gold	-	5.09	4.47	3.92	3.43
530-131-1701-376	W	Right angle jack receptacle, die cast	Nickel	-	5.94	5.21	4.48	3.84
530-131-3701-341	W	Right angle bulkhead jack receptacle	Gold	-	6.60	5.79	4.97	4.27
530-131-3701-346	W	Right angle bulkhead jack receptacle	Nickel	-	6.65	5.93	5.22	4.54
530-131-1403-001	X	Straight crimp plug, die cast	Gold	G	4.70	4.23	3.85	3.53
530-131-1403-016	X	Straight crimp plug, die cast	Nickel	G	4.91	4.50	4.15	3.12
530-131-1403-101	Y	Right angle crimp plug, die cast	Gold	G	4.79	4.20	3.61	3.10
530-131-1403-116	Y	Right angle crimp plug, die cast	Nickel	G	4.09	3.75	3.46	3.08

Mini 75Ω SMB Types

For quantities greater than listed, call for quote.

530-131-8403-001	Z	Straight crimp plug	Gold	H	7.56	6.45	5.70	4.30
530-131-8403-006	Z	Straight crimp plug	Nickel	H	7.17	6.12	5.41	5.05
530-131-8403-101	AA	Right angle crimp plug	Gold	H	9.38	8.01	7.07	4.86
530-131-8403-106	AA	Right angle crimp plug	Nickel	H	9.05	7.73	6.82	3.39
530-131-8701-201	BB	Straight jack receptacle	Gold	-	3.39	2.85	2.51	1.77
530-131-8701-206	BB	Straight jack receptacle	Nickel	-	2.20	1.93	1.71	1.54
530-131-8701-301	CC	Right angle jack receptacle	Gold	-	8.17	6.98	6.17	5.44
530-131-8701-306	CC	Right angle jack receptacle	Nickel	-	7.70	6.58	5.80	4.10

MCX Types

For quantities greater than listed, call for quote.

530-133-3701-231	DD	Straight jack receptacle	Gold	-	4.74	3.88	3.18	2.62
530-133-3701-236	DD	Straight jack receptacle	Nickel	-	3.94	3.65	2.71	2.50
530-133-3701-301	EE	Right angle jack receptacle	Gold	-	7.49	6.57	5.65	4.84
530-133-3701-306	EE	Right angle jack receptacle	Nickel	-	7.33	6.42	5.52	4.73
530-133-3403-101	FF	Right angle crimp plug	Gold	J	6.60	5.90	5.09	3.95
530-133-3403-106	FF	Right angle crimp plug	Nickel	J	4.73	4.15	3.57	3.06
530-133-3701-411	GG	Front mount bulkhead jack receptacle	Gold	-	4.03	3.73	2.77	2.74
530-133-3701-416	GG	Front mount bulkhead jack receptacle	Nickel	-	4.11	3.80	2.83	2.80

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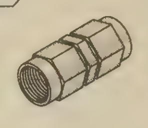
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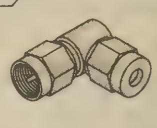
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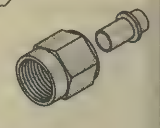
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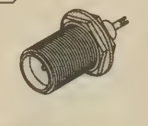
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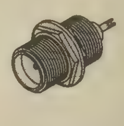
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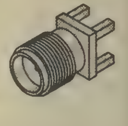
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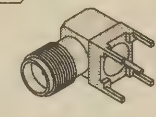
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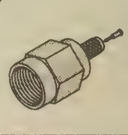
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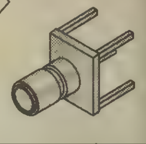
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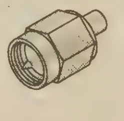
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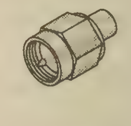
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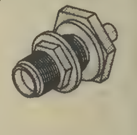
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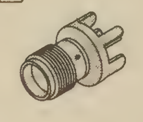
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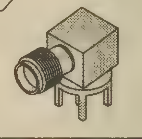
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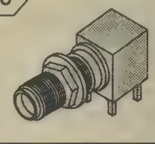
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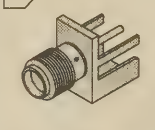
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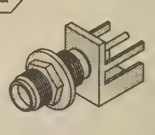
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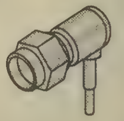
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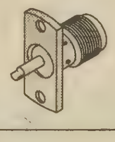
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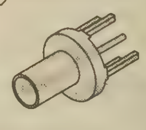
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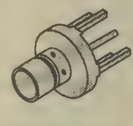
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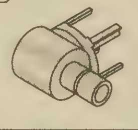
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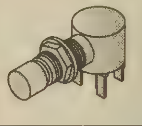
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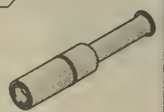
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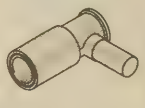
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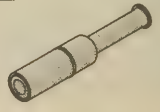
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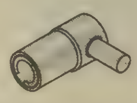
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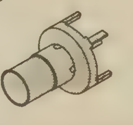
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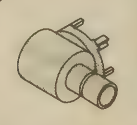
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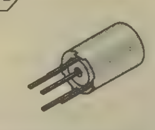
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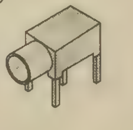
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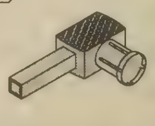
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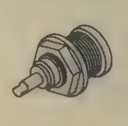

RF Connectors and Adapters

UHF CONNECTORS

Specifications:
- Frequency range: 0-500 MHz
- Working Voltage: 500 Volts RMS
- Temperature range: -65C to +165C

Material:
- Body: Zinc or Brass with Nickel plating
- Contact: Beryllium copper or Brass with Gold or Nickel plating
- Crimp Sleeve: Brass with Nickel plating
- Insulator: Teflon or Delrin

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each 1	100	500	1000
530-CPL-259-1	A	Crimp contact, plug	58	1.05	.85	.67	.57
530-CPL-259-2	A	Crimp contact, plug	RG-59, 62	1.21	.98	.77	.66
530-CPL-259-8	A	Crimp contact, plug	8	1.37	1.11	.87	.74
530-CPL-259-10	A	Crimp contact, plug	TFE-59	1.31	1.06	.84	.71
530-CPL-259-17	A	Crimp contact, plug	RG-8X (MINI 8)	1.26	1.02	.81	.68
530-CPL-259-18	B	Crimp contact, dual nut plug	58	1.68	1.36	1.08	.91
530-CP-AD250	C	Straight solder type Plug	8, 213	1.47	1.19	.94	.80
530-CP-AD258	D	Straight Solder Plug	RG-58	.32	.26	.20	.17
530-CPF-249-1	E	Straight crimp type Jack	58	3.15	2.55	1.68	1.51
530-CPF-249-2	E	Straight crimp type Jack	59, 62	3.28	2.65	1.75	1.57
530-CPFI-249-1	F	Straight Twist-on Jack	58	3.15	2.55	1.68	1.51
530-CP-AD206	G	Flange mount Jack	...	1.24	1.00	.79	.67

MINI UHF CONNECTORS

Specifications:
- Frequency range: 0-2 GHz
- Working Voltage: 500 Volts RMS
- Temperature range: -55C to +85C

Material:
- Body and Coupling Nut: Zinc or Brass
- Contact: Brass
- Crimp Sleeve: Brass
- Insulator: TPX Polymethylpetene

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
530-MINI-UHF-1	H	Straight Crimp Contact Plug	1.31	1.06	.84	.71
530-MINI-UHF-16	H	Straight Crimp Contact Plug	1.31	1.06	.84	.71
530-MINI-UHF-17	H	Straight Crimp Contact Plug	1.31	1.06	.84	.71

F CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each 1	100	500	1000
530-CPF-59-1/8	I	Crimp plug with 1/8 crimp ring	59	.25	.20	.15	.13
530-CPF-59-1/4	I	Crimp plug with 1/4 crimp ring	59	.29	.23	.16	.13
530-CPF-59-1/2	J	Crimp plug with 1/2 crimp ring	59	.32	.26	.18	.16
530-CPF-59-ALM	K	Standard crimp plug	59	.34	.28	.19	.17
530-CPFI-59	L	Twist-On plug	59	.32	.26	.18	.16
530-CPFID-59	M	1/2 grip area Twist-On plug	59	.40	.33	.22	.20
530-CPF-59-G	N	Crimp Push-on crimp plug	59	.84	.68	.58	.51
530-CPF-59-FLM	O	Standard Crimp Jack	59	.84	.68	.58	.51
530-CPF-56-1/4	I	Crimp plug with 1/4 crimp ring	6	.32	.26	.18	.16
530-CPF-56-A	P	Crimp plug w/attached 1/4 ring	6	.34	.28	.19	.17
530-CPF-56ALM	K	Standard crimp plug	6	.35	.29	.19	.17
530-CPF-56-ALMWP	K	Chrome plated, waterproof plug	6	.47	.38	.25	.23
530-CPF-56-ALX	K	Tri-Shield crimp plug	6	.43	.35	.23	.21
530-CPF-56-ALS	K	Quad-Shield crimp plug	6	.40	.33	.22	.20
530-CPF-56-P	Q	Teflon/Plenum crimp plug	6	.54	.44	.29	.26
530-CPFI-56	M	Twist-On plug	6	.30	.24	.17	.15
530-CPF-11-1/5	R	Crimp plug with 1/5 crimp ring	11, 7	.69	.56	.37	.34
530-CPF-11-ALM	S	Standard crimp plug	11	1.83	1.48	.97	.88

PCB F CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
530-CPF-61SE	T	Side mount PCB Jack	.88	.71	.47	.43
530-CPF-61PC	U	Vertical mount PCB Jack	.57	.46	.30	.28

F ADAPTERS AND ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
530-CP-AD100	V	Jack to Push-On Plug	.78	.63	.42	.38
530-CP-AD101	W	Right Angle Jack to Push-On Plug	1.93	1.56	1.03	.92
530-CP-AD102	X	Right Angle Jack to Plug	1.02	.87	.57	.52
530-CPF-81	Y	3/4 Inline splice Jack to Jack	.30	.24	.17	.15
530-CPF-81-NW	Z	3/4 splice Jack to Jack w/hardware	.37	.30	.20	.18
530-CPCR-59-1/8	AA	1/8 long crimp ring for RG-59	.07	.06	.05	.04
530-CPCR-59-1/4	BB	1/4 long crimp ring for RG-59	.06	.05	.04	.03
530-CPCR-59-1/2	CC	1/2 long crimp ring for RG-59	.07	.06	.05	.04
530-CPF-1/5R	DD	1/5 long crimp ring for RG-11	.11	.09	.07	.06

BETWEEN SERIES ADAPTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500	1000
530-CP-AD215	EE	UHF Plug to SMA Jack Adapter	5.13	4.05	3.65	3.24
530-CP-AD516	FF	BCN plug to F Jack Adapter	1.70	1.38	1.09	.92
530-CP-AD501	GG	BNC Jack to RCA Plug Adapter	1.31	1.06	.84	.71
530-CP-AD515	HH	BNC 50 ohm Plug to RCA Jack	1.89	1.53	1.21	1.03
530-CP-AD810	II	N Plug to SMA Jack	6.09	4.93	3.90	3.31
530-CP-AD819	JJ	N Plug to SMA Jack	7.67	6.21	4.91	4.16

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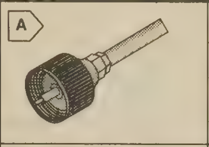
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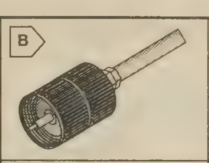
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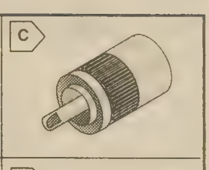
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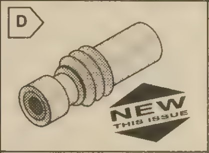

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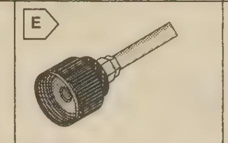
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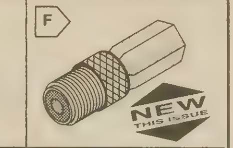

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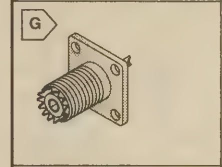
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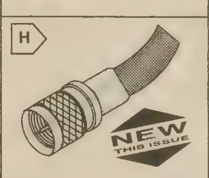

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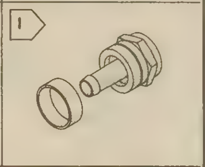
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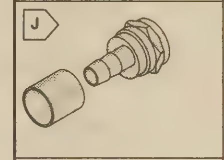
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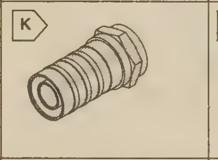
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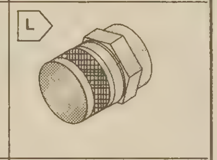
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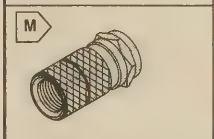
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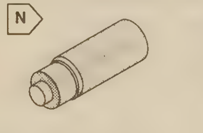
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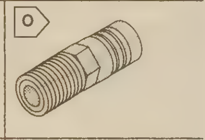
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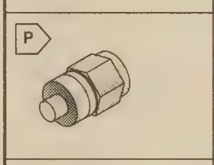
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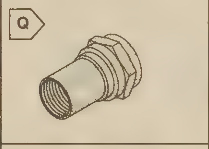
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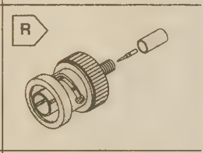
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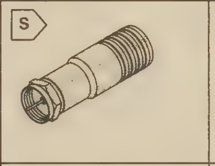
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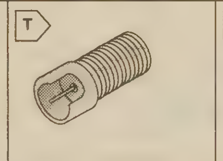
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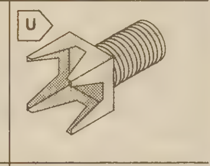
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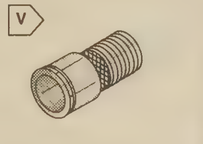
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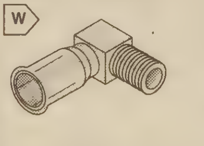
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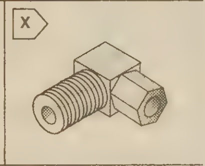
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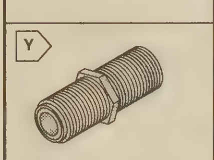
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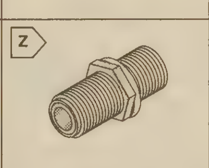
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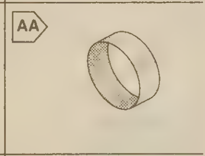
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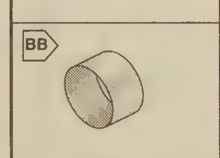
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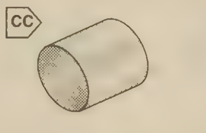
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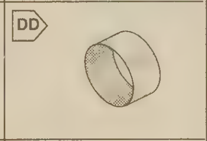
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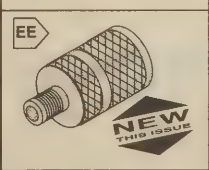

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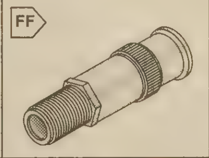
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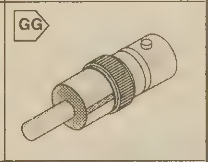
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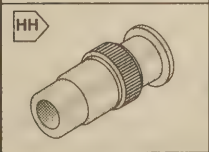
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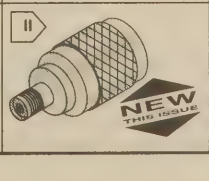

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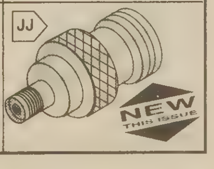

BNC COAXIAL CONNECTORS

Specifications:
- Frequency range: 50 Ohms 0-4GHz
  75 Ohms 0-2GHz
- Phosphor bronze with gold plating
- Working Voltage: 500 volts RMS
- Temperature range: -55C to +85C

Material:
- Body: Zinc or Brass with Nickel plating
- Contact: Beryllium copper or Phosphor bronze with gold plating
- Crimp Sleeve: Brass with Nickel plating
- Insulator: Delrin or TPX Polymethylpentene

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω)	Description	RG Cable Type	Price Each			
					1	100	500	1000
BNC Cable Mount Connectors								
530-CPM-88-19	A	50	Crimp, 4pc Plug	174, 188, 316	1.44	1.16	1.21	1.03
530-CPM-88-20	A	50	Crimp, 4pc Plug	179, 187	1.89	1.53	1.21	1.03
530-CPMC-88-1	A	50	Crimp, 3pc Plug	58, 141	1.10	.89	.93	.79
530-CPMC-88-2	A	50	Crimp, 3pc Plug	59, 62	1.45	1.17	.93	.79
530-CPMC-88-3	A	50	Crimp, 3pc Plug	Belden 8281	1.79	1.45	1.14	.97
530-CPMC-88-5	A	50	Crimp, 3pc Plug	6	2.21	1.79	1.41	1.20
530-CPMC-88-10	A	50	Crimp, 3pc Plug	TFE-59, TFE-62	1.10	.89	.93	.79
530-CPMC-88-11	A	50	Crimp, 3pc Plug	TFE-58, 303	1.52	1.23	.97	.83
530-CPMC-88-13	A	50	Crimp, 3pc Plug	142, 223, 400, 55	1.52	1.23	.97	.83
530-CPMC-88-18	A	50	Crimp, 3pc Plug	Belden 8218	1.75	1.42	1.12	.95
530-CP-88-1	A	50	Crimp, 2pc Plug	58	1.58	1.28	1.01	.86
530-CP-88-2	A	50	Crimp, 2pc Plug	59, 62	1.61	1.30	1.03	.87
530-CP-88-4	A	50	Crimp, 2pc Plug	MATV-59	1.52	1.23	.97	.83
530-CP-88-5	A	50	Crimp, 2pc Plug	6	1.91	1.55	1.22	1.04
530-CP-88-6	A	50	Crimp, 2pc Plug	TIMES MI 2040	2.21	1.79	1.41	1.20
530-CP-88-10	A	50	Crimp, 2pc Plug	TFE-59, TFE-62	1.91	1.55	1.22	1.04
530-CPFI-UG88-1	B	50	Twist-On Plug	58	1.89	1.53	1.44	1.35
530-CPFI-UG88-2	B	50	Twist-On Plug	59, 62	1.89	1.53	1.21	1.03
530-CPFI-UG88-3	B	50	Twist-On Plug	Belden 8281	1.94	1.57	1.24	1.05
530-CPFI-UG88-4	B	50	Twist-On Plug	MATV-59	1.94	1.57	1.24	1.05
530-CPFI-UG88-5	B	50	Twist-On Plug	6	1.89	1.53	1.21	1.03
530-CPFI-UG88-10	B	50	Twist-On Plug	TFE-59, TFE-62	1.65	1.33	1.05	.90
530-CPMC-88-21	C	50	2 Ferrules, 3pc Plug	58, TFE-59	1.68	1.36	1.08	.91
530-CPFI-RA-2	D	50	Twist-On Plug	59, 62	3.89	3.15	2.49	2.11
530-CPMC-78-2	A	75	Crimp, 3pc Plug	59, 62	1.52	1.23	.97	.83
530-CPMC-78-18	A	75	Crimp, 3pc Plug	BELDEN 8218,1855A	1.79	1.45	1.14	.97
530-CPFI-UG89-2	E	50	Twist-on Jack	56, 62	2.21	1.79	1.41	1.20
530-CP-89-2	F	50	Crimp, 2pc Jack	56, 62	1.89	1.53	1.21	1.03
530-CP-89-5	F	50	Crimp, 2pc Jack	6	2.15	1.74	1.38	1.17
BNC Panel Mount Connectors								
530-CP-89-19BM1	G	50	Crimp, 3pc, Jack	174, 188, 316	4.51	3.65	3.80	3.22
530-CP-1094-U	H	50	Front mount, w/o lug, Jack	...	.79	.64	.60	.56
530-CP-1094-UL	H	50	Front mount, w/o lug, Jack	...	1.26	1.02	.67	.61
530-CP-1094-AST	I	50	Front mount, w/tab, Jack	...	1.31	1.06	.84	.71
530-CP-AD519	J	50	Flange mount Jack	...	2.31	1.87	1.48	1.25
530-CP-AD520	K	75	Isolated front mount, Jack	...	3.26	2.64	2.08	1.77
BNC Adapters, Splices, and Terminator								
530-CP-AD555	L	50	Inline Jack to Jack	...	1.15	.93	.87	.74
530-CP-AD556M	M	50	Bulkhead inline Jack to Jack	...	2.33	1.89	1.77	1.50
530-CP-AD503	N	50	Right Angle Jack to Plug	...	3.15	2.55	2.02	1.71
530-CP-AD505	O	50	Jack to Jack to Plug T adapter	...	2.00	1.62	1.28	1.08
530-CP-88T-75	P	75	75 Ohm, 1/2watt, with chain	...	1.63	1.32	1.04	.88

TNC CONNECTORS

Specifications:
- Frequency range: 0-11GH
- Temperature range: -55C to +85C
- 120 Second termination, 3pc Plugs

Material:
- Body: Zinc or Brass with Nickel plating
- Contact: Beryllium copper, Phosphor bronze, or Brass with gold plating
- Crimp Sleeve: Brass with Nickel plating
- Insulator: Teflon, TPX, or Delrin

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω)	Description	RG Cable Type	Price Each			
					1	100	500	1000
530-CPMC-TNC-1	Q	50	Crimp, 3pc Plug	58, 141	1.52	1.23	.97	.83
530-CPMC-TNC-13	Q	50	Crimp, 3pc Plug	142, 223, 400, 55	1.73	1.40	1.11	.94
530-CPMC-TNC-17	Q	50	Crimp, 3pc Plug	8X (MINI 8)	1.71	1.39	1.10	.93

N CONNECTORS

Specifications:
- Frequency range: 0-11GHz
- Working Voltage: 500 volts RMS
- Temperature range: -55C to +85C
- 120 Second termination, 3pc Plugs

Material:
- Body and Coupling nut: Brass with Nickel plating
- Contact: Beryllium copper, Phosphor bronze, or Brass with Gold plating
- Crimp Sleeve: Brass with Nickel platingInsulator: Delrin

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω)	Description	RG Cable Type	Price Each			
					1	100	500	1000
530-CPN-1	R	50	18 AWG crimp Plug	58	3.68	2.98	2.35	2.00
530-CPN-142T	R	50	20 AWG crimp Plug	142-TFE	3.99	3.23	2.55	2.17
530-CPN-8	R	50	13 AWG crimp Plug	8, 213	3.57	2.89	2.28	1.94
530-CPN-8/110	R	50	10 AWG crimp Plug	8, 213	3.65	2.96	2.34	1.98
530-CPN-16	R	50	18 AWG crimp Plug	PROFLEX RG-450	3.68	2.98	2.35	2.00
530-CP-AD801	S	50	Flange mount jack, solder cup	...	5.51	4.46	3.53	2.99

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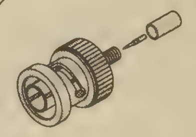

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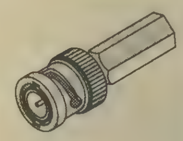

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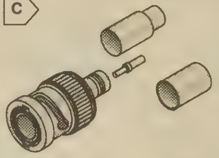

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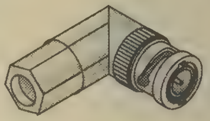

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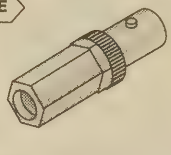

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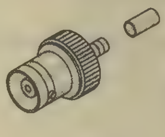

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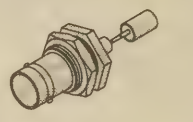

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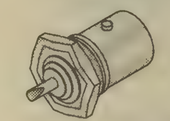

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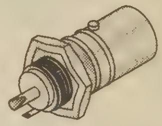

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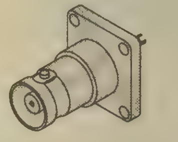

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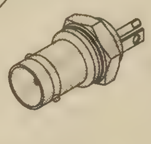

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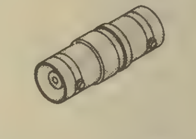

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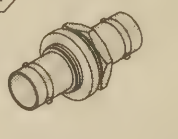

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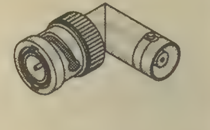

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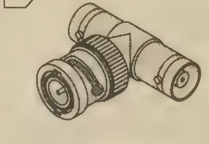

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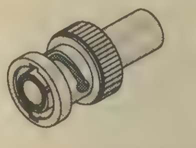

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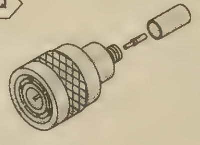

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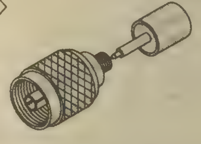

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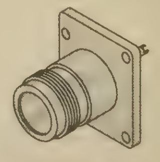

RF Connectors
BNC / TNC / UHF

BNC, TNC CONNECTORS, AND ADAPTERS

Designed for the requirements of commercial applications that do not require performance above 1-3GHz.

- Nickel plated pins
- Delrin insulators
- For instrumentation, medical equipment

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG/U Cable Type	Price Each			
				1	10	100	500
BNC Connectors							
171-9313	A	BNC plug connector, clamp type	58	1.95	1.71	1.56	1.40
171-9311	B	BNC plug connector, with strain relief	58	1.90	1.57	1.43	1.30
171-9314	C	BNC plug, crimp type	58	1.60	1.41	1.28	1.15
171-9315	D	BNC plug, 2 piece crimp type, with pin	59	1.90	1.65	1.50	1.37
161-9312	E	BNC jack with strain relief	58	1.36	1.24	1.13	1.02
171-9316	F	BNC screw-on type	58	1.95	1.71	1.56	1.40
161-9320	G	BNC receptacle, panel mount	-----	2.15	2.00	1.85	1.72
161-9323	H	BNC chassis receptacle	-----	1.75	1.63	1.40	1.26
161-9331	I	BNC chassis PCB receptacle	-----	2.72	2.48	2.25	2.05
TNC Connectors							
171-9411	J	TNC male connector, twist on	-----	2.09	1.72	1.50	1.37
161-9421	K	TNC female chassis receptacle	-----	1.45	1.15	1.05	.95
Inter-Series Adapters							
161-9731	L	BNC jack to "F" plug	-----	2.23	1.83	1.50	1.37
161-9732	M	BNC male to RCA phono plug	-----	2.76	2.24	1.80	1.64
161-9633	N	F jack to BNC plug	-----	2.23	1.83	1.50	1.37
161-9710	O	RCA phono plug to "F" jack	-----	1.32	1.08	.90	.82
161-9712	P	RCA phono plug to "F" plug	-----	1.32	1.08	.90	.82
161-9736	Q	N plug to BNC jack, UG-201-U	-----	4.17	3.79	3.45	3.14
161-9737	R	BNC jack to BNC jack	-----	2.56	2.07	1.50	1.37

COMMERCIAL BNC/TNC CONNECTORS 50Ω Impedance

- Impedance: 50Ω
- Frequency range: 0-4 GHz
- VSWR: 1.3:1 max.
- Vibration, shock, moisture resistance: MIL-standard 202
- Contact resistance: inner contact - 1.5mΩ max. outer contact - .2mΩ max.
- Voltage rating: 500VRMs
- Insulation resistance: 5000MΩ min.
- Temperature range: -55°C to +85°C

NOTE: Meets MIL-C-39012 interface requirements

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Competitive Equivalent			Description	Price Each			
		Aim	Amphenol	Molex		1	25	100	500
Receptacles									
161-9317	S	-----	-----	73133	Vertical PCB receptacle	3.02	2.52	2.28	2.08
Adapters and Terminator									
177-3161	T	27-9008	46650-51-RFX	73161	50Ω 1/2W terminator	3.19	2.86	2.42	1.97

UHF CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amphenol Type	Description	RG/U Cable Type	Price Each			
					1	10	100	500
17PL259	U	83-1SP	PL-259 straight plug	8, 9, 13	2.95	2.46	2.24	2.03
17PL260	U	-----	PL-259 for RG-58	58, 141	2.74	2.28	2.07	1.89
16PJ104	V	83-875	Front panel mount	-----	2.21	1.84	1.67	1.52
16SO239	W	83-175	SO-239 panel receptacle	-----	2.02	1.68	1.53	1.39
171-9512	X	-----	Plug (PL259), with strain relief	58, 59	1.82	1.65	1.50	1.37
171-9511	Y	-----	Plug (PL259), right angle with strain relief	58, 59	1.82	1.65	1.50	1.37

"F" AND "N" TYPE CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	RG Cable Type	Price Each			
				1	10	100	500
Super Fast "F" Type, Professional Appearance							
556-FC79B	Z	F connector; hex crimp ferrule	RG59U	.26	.23	.21	.18
556-FC79AB	Z	F connector; hex crimp ferrule	RG6U	.26	.23	.21	.18
556-FC81B	Z	F connector; hex crimp ferrule	RG58U	.29	.26	.23	.20
F (CATV / MATV) Type							
16SF061	AA	F type front mount receptacle, .38" mtg. hole	-----	1.05	.88	.80	.72
161-0062	BB	F type rear mount receptacle, .38" mtg. hole	-----	.86	.72	.65	.60
16SF081	CC	F type through chassis receptacle .38" mtg. hole	-----	1.24	1.04	.94	.86
556-FC67	DD	F type dual female connector .38" mtg. hole	-----	.27	.24	.22	.19
17PF059	EE	F connector for RG-59 cable with ferrule	-----	.67	.52	.47	.43
161-5370	FF	F-61 PC mount receptacle	-----	.77	.51	.46	.42
161-5371	GG	F-61 PC mount receptacle, right angle L= .92"	-----	1.39	1.20	1.09	.99
161-5373	GG	F-61 PC mount receptacle, right angle L= .72"	-----	1.39	1.20	1.09	.99
161-5372	HH	F receptacle, panel mount, right angle	-----	1.39	1.20	1.09	.99
171-9111	II	F connector with strain relief	RG59U	1.04	.85	.75	.68
171-9112	JJ	F connector, 2 piece with ferrule	RG58U	.28	.25	.22	.20
171-9113	KK	F connector, twist on	RG59U	.72	.48	.30	.27
171-9114	LL	F connector, CATV, crimp type	RG6U	.60	.40	.33	.30
171-0059	LL	F connector, crimp type	RG59U	.44	.29	.26	.24
171-9115	MM	F connector push-on, with ferrule	RG59U	.66	.51	.38	.34
161-9126	NN	F receptacle, panel mount	-----	4.54	4.12	3.75	3.41
161-5369	OO	F Jack to push-on plug	-----	.65	.50	.45	.41
N Type (Satellite TV) Connectors							
161-9211	PP	N type in-line jack, clamp type	RG58U	3.78	3.14	2.85	2.59
161-9222	QQ	N type receptacle, panel mount	-----	3.25	3.02	2.60	2.32

TWINAXIAL CONNECTORS

For quantities greater than listed, call for quote.

Standard							
171-9612	RR	Twinaxial male connector	-----	5.81	5.28	4.80	4.37
161-9611	SS	Twinaxial rear mount receptacle	-----	7.50	6.00	5.40	4.86

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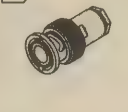
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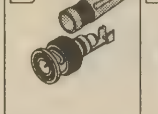
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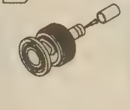
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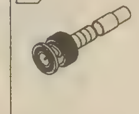
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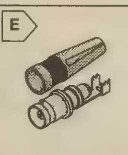
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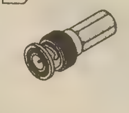
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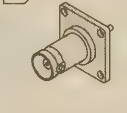
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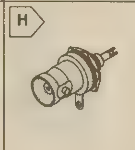
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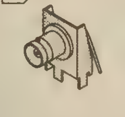
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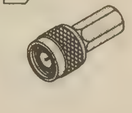
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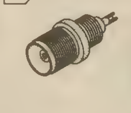
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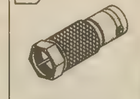
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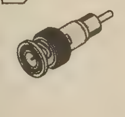
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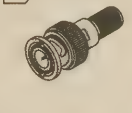
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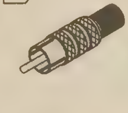
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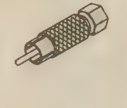
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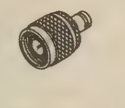
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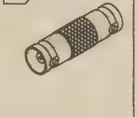
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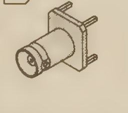
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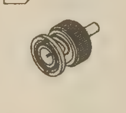
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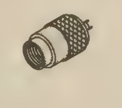
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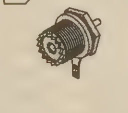
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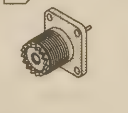
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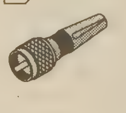
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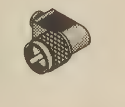
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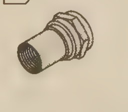
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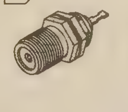
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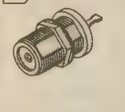
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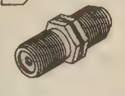
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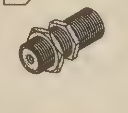
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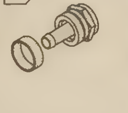
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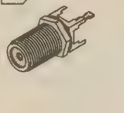
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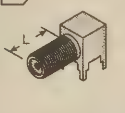

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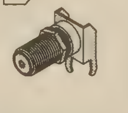
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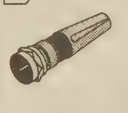
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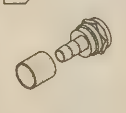
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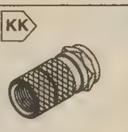
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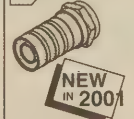

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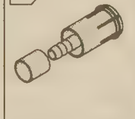
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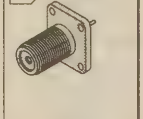
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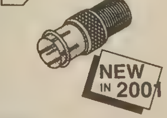

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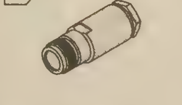
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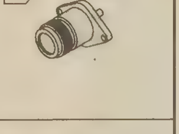
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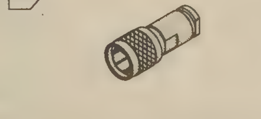
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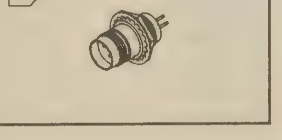

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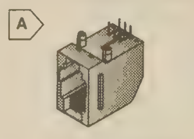
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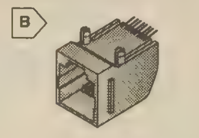
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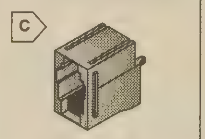
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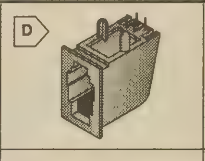
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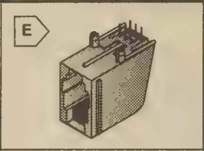
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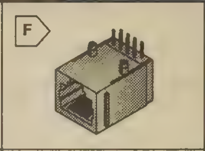
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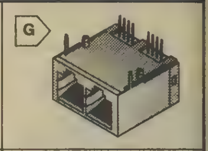
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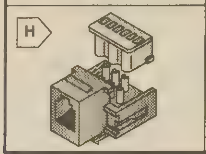
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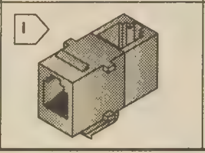
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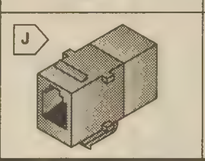
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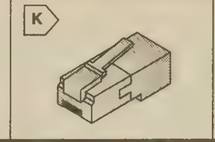
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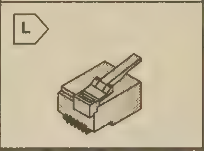
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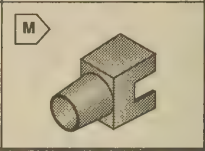
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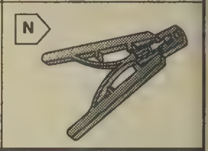


PCB MODULAR JACKS

E81956

Through Hole Low Profile, Side Entry, Unshielded

† Keyed * With shields

MOUSER STOCK NO.	Fig.	Position-Contacts	Price Each		
			1	10	100
With Panel Stops					
571-5551632	A	6-4	.70	.56	.51
571-5551631	A	6-6	.71	.57	.51
571-5551621	A	8-8	.75	.60	.54
† 571-5551661	A	8-8K	.61	.49	.44
Without Panel Stops					
571-5551652	A	6-4	.55	.71	.40
571-5551651	A	6-6	.57	.73	.41
571-5551641	A	8-8	.61	.79	.44
† 571-5551671	A	8-8K	.61	.79	.44

Through-Hole, Low Profile, Shielded, Side Entry

MOUSER STOCK NO.	Fig.	Position-Contacts	1	10	100
PCB Ground					
571-5551542	A	6-4	.84	.80	.61
571-5551541	A	6-6	1.17	1.06	.96
571-5551531	A	8-8	1.26	1.14	1.04
571-5565911	A	8-8K	.97	.87	.70
Panel Ground					
571-5551402	A	6-4	.84	.78	.61
571-5551401	A	6-6	.86	.80	.62
571-5551411	A	8-8	1.26	1.14	1.04

Surface Mount, Low Profile, Side Entry, Unshielded

- CSA Certified and UL Listed

MOUSER STOCK NO.	Fig.	Position-Contacts	1	10	100
With Panel Stops					
571-5550772	B	6-4	.97	.87	.69
571-5550771	B	6-6	1.16	1.11	.85
571-5552481	B	8-8	1.23	1.18	.90
†* 571-5581781	B	8-8K	1.39	1.24	.99
* 571-5550781	B	8-8K	1.29	1.15	.92
Without Panel Stops					
571-5557641	B	8-8	1.23	1.18	.90

Through-Hole, Unshielded, Top Entry

MOUSER STOCK NO.	Fig.	Position-Contacts	1	10	100
With Panel Stops					
571-5202572	C	4-4	.69	.63	.57
571-5202582	C	6-4	.73	.67	.61
571-5202583	C	6-6	.76	.69	.63
571-5202594	C	8-8	.78	.71	.64
† 571-5202604	C	8-8K	.62	.55	.44
Without Panel Stops					
571-5204252	C	6-4	.71	.62	.45
571-5204253	C	6-6	.76	.69	.63
571-5564161	C	8-8	.78	.71	.64
† 571-5557991	C	8-8K	.85	.76	.60

Through-Hole, Shielded, Top Entry w/Panel Stops

MOUSER STOCK NO.	Fig.	Position-Contacts	1	10	100
571-5579691	C	8-8	.95	.85	.68

Through-Hole, Side Entry with Center Latch

MOUSER STOCK NO.	Fig.	Position-Contacts	1	10	100
Flanged					
571-5202412	D	4-4	.63	.49	.40
571-5202422	D	6-4	1.60	1.24	1.02
571-5202423	D	6-6	.59	.52	.42
571-5202434	D	8-8	1.98	1.54	1.26
† 571-5202444	D	8-8K	.62	.54	.44
With Panel Stops					
571-5202492	E	4-4	.58	.48	.39
571-5202501	E	6-2	.57	.51	.41
571-5202502	E	6-4	.73	.67	.61
571-5202503	E	6-6	.76	.69	.63
571-5202514	E	8-8	.78	.71	.64
† 571-5202524	E	8-8K	.62	.55	.44
Without Panel Stops					
571-5559801	E	4-4	.66	.51	.42
571-5559791	E	6-4	.73	.67	.61
571-5204703	E	6-6	.72	.56	.46
571-5204264	E	8-6	.67	.59	.47
571-5545171	E	8-8	.76	.59	.48

SIDE ENTRY PCB MODULAR JACKS

High Performance

† Keyed

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Position-Contacts	No. of Ports	Price Each		
				1	10	100
Shielded, PCB Ground						
571-5583421	F	8-8	1	2.61	2.37	2.13
571-5585031	F	8-8	4	8.73	7.74	6.15
571-5585041	F	8-8	6	12.10	11.00	8.14
571-5585051	F	8-8	8	15.44	14.04	10.39
Shielded, Panel Ground						
571-5583441	F	8-8	1	2.27	2.01	1.60
571-5585241	F	8-8	4	8.73	7.74	6.15
571-5585251	F	8-8	6	10.05	8.91	7.08
571-5585261	F	8-8	8	13.40	11.88	9.44
Unshielded, with Panel Stops						
571-5583431	F	8-8	1	2.15	1.95	1.77
Unshielded, without Panel Stops						
571-5583411	F	8-8	1	1.45	1.29	1.02
571-5585001	F	8-8	4	6.37	5.66	4.53
571-5585011	F	8-8	6	8.10	7.18	5.70
571-5585021	F	8-8	8	10.85	9.61	7.64

Through-Hole, Low Profile

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Position-Contacts	No. of Ports	1	10	100
Unshielded, without Panel Stops						
571-5577851	F	8-8	1	.99	.89	.68
571-5580651	F	10-10	1	1.69	1.52	1.16
† 571-5580661	F	10-10K	1	1.77	1.57	1.26
571-5575601	F	8-8	2	1.53	1.39	1.06
571-5575611	F	8-8	3	2.31	2.09	1.60
571-5575621	F	8-8	4	3.07	2.77	2.12
571-5575631	F	8-8	5	3.82	3.46	2.64
571-5575641	F	8-8	6	4.60	4.16	3.18
571-5575661	F	8-8	8	6.13	5.55	4.23
Shielded, PCB Ground						
† 571-5580681	G	10-8K	1	2.82	2.51	2.00
571-5575701	G	8-8	2	3.38	3.07	2.76
571-5575711	G	8-8	4	5.24	4.76	3.52
571-5575721	G	8-8	6	9.15	8.32	6.16
571-5575731	G	8-8	8	10.05	9.14	6.76
Shielded, Panel Ground						
571-5577871	G	8-8	1	1.51	1.37	1.04
571-5580701	G	10-10	1	3.36	3.04	2.32
571-5575702	G	8-8	2	3.86	3.51	2.60
571-5575712	G	8-8	4	5.24	4.76	3.52
571-5575723	G	8-8	6	8.01	7.28	5.39
571-5575732	G	8-8	8	10.21	9.28	6.86

MODULAR TELEPHONE KEYSTONE JACKS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pairs	Wire Range	Price Each		
				1	10	100
571-5539831	H	3	22	6.47	5.88	4.35
571-5545461	H	4	22	3.71	3.27	3.05
571-5541711	H	3	22-26	3.50	3.09	2.88
571-5545781	H	4	22-26	3.66	3.23	3.01

MODULAR COUPLERS

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each		
			1	10	100
Right Angle					
571-5550491	I	6	4.19	3.26	2.79
571-5550511	I	8	4.46	3.09	2.97
In-Line					
571-5550501	J	6	3.83	2.98	2.37
571-5550521	J	8	3.81	2.96	2.54

MODULAR PLUGS

- CSA Certified and UL Listed

† Keyed (SC) = sm. conductor (L) = long body
** Designed for small conductor wire .029-.034 dia.

MOUSER STOCK NO.	Fig.	Position-Contacts	Price Each		
			1	10	100
Unshielded, for Flat Oval Solid Cable					
571-55563843	K	6-4	.34	.27	.21
571-5550423	K	6-6	.34	.26	.21
** 571-55579703	K	6-6 (SC)	.39	.36	.32
571-55554263	K	6-6 (L)	.60	.53	.42
571-5547203	K	8-8	.58	.45	.36
Unshielded, for Flat Oval Stranded Cable					
571-6413343	K	4-4	.23	.18	.14
571-6413373	K	6-6	.26	.24	.21
571-55551763	K	6-6 (L)	.63	.49	.39
571-5547393	K	8-8	.54	.42	.34
† 571-5547433	K	8-8K	.54	.42	.34
Unshielded, for Round Solid Cable					
571-55573153	K	8-8	.58	.45	.36
Unshielded, for Round Stranded Cable					
571-55547103	K	6-6	.31	.24	.19
571-55551773	K	6-6 (L)	.56	.49	.39
571-5541693	K	8-8	.54	.42	.34
† 571-5541703	K	8-8	.48	.42	.34
Shielded, for Flat Oval Cable					
571-5551742	K	6-6 (L)	1.85	1.68	1.51
571-55695423	K	8-8	1.62	1.44	1.15
Shielded, for Round Stranded Cable					
571-5551753	K	6-6 (L)	1.33	1.25	1.14
571-55695323	K	8-8 (L)	1.32	1.25	1.14
Shielded, for Flat Oval Cable with Offset Latch					
571-55552372	L	6-6	.70	.55	.44

"CATEGORY 5" MODULAR PLUGS

High Performance

MOUSER STOCK NO.	Fig.	Position-Contacts	Price Each		
			1	10	100
Unshielded, for Round Stranded Cable					
571-5558530-3	K	8-8	.58	.54	.50
Unshielded, for Round Solid Cable					
571-5569278-3	K	8-8	.74	.70	.64
Shielded, for Round Stranded Cable					
571-55695523	K	8-8	1.39	1.31	1.20
Shielded, for Round Solid Cable					
571-55695303	K	8-8 (L)	1.32	1.25	1.14
571-55695503	K	8-8	1.49	1.41	1.28

CABLE BOOTS

- For 8-position modular plugs

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	100
571-5582111	M	Black	.31	.28	.25
571-5582112	M	Almond	.31	.28	.25
571-5582113	M	Red	.31	.28	.25
571-5582114	M	Green	.31	.28	.25
571-5582115	M	Blue	.31	.28	.25
571-5582116	M	Yellow	.43	.38	.30
571-5582117	M	Orange	.31	.28	.25
571-5582118	M	White	.43	.38	.30
571-5582119	M	Violet	.43	.38	.30

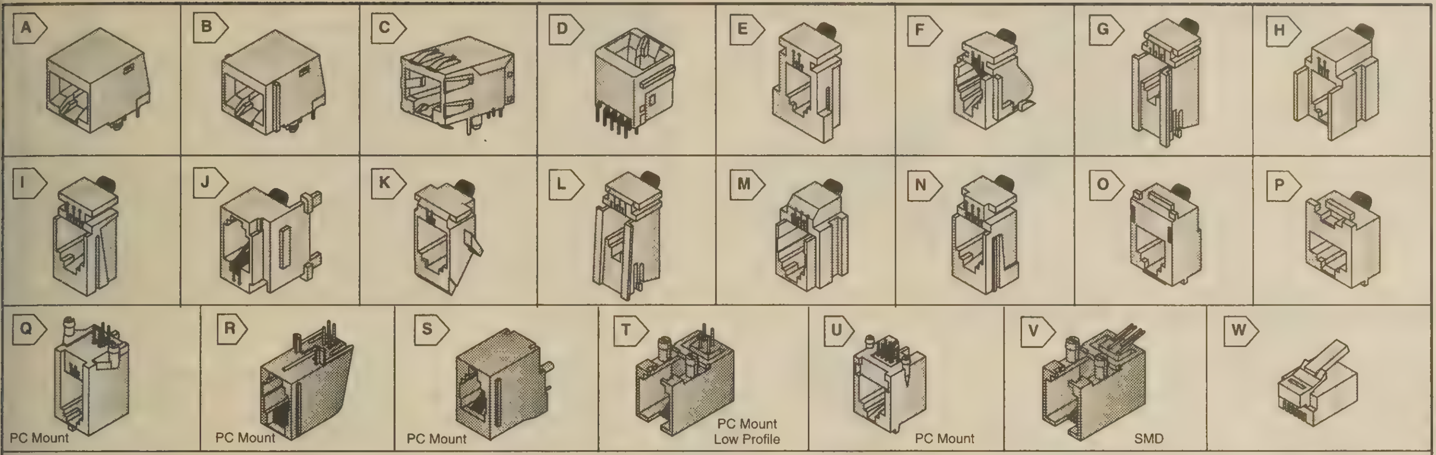
ECONOMY MODULAR CRIMPING TOOL

See Page 426 for a Full Line of Crimping Tools

- Strips and terminates cable
- Light weight

MOUSER STOCK NO.	Fig.	Description	Price Each
571-2316481	N	For 2, 4, and 6-position plugs	21.22
571-2316491	N	For 4-position handset plugs	21.22

Modular Plugs and Jacks



∗ 616 Type - 4 conductor for handset to telephone use; 623 type - 4 or 6 conductor for telephone to wall use; 641 type - 8 conductor for telephone to wall or modem dialer use.

molex RIGHT ANGLE MODULAR JACKS

NEW!

MOUSER STOCK NO.	Fig.	Positions - Circuits	Price Each		
			1	10	100
Right Angle, Flangeless					
538-15-43-8544	A	4-4	.62	.50	.40
538-15-43-8564	A	6-6	.65	.52	.41
538-15-43-8566	A	6-6	.63	.50	.40
538-15-43-8588	A	8-8	.67	.54	.43
538-15-43-8501	A	8-8K	.67	.54	.43
Right Angle, Flush Mount					
538-15-43-7544	B	4-4	.92	.84	.76
538-15-43-7564	B	6-4	.86	.79	.72
538-15-43-7566	B	6-6	.86	.79	.72
538-15-43-7588	B	8-8	.94	.86	.78
538-15-43-9501	B	8-8K	1.03	.94	.86
Right Angle, Ultra Low Profile					
538-43202-4101	C	4-4	.69	.55	.44
538-43202-6104	C	6-4	.71	.57	.46
538-43202-6101	C	6-6	.73	.58	.47
538-43202-8104	C	8-8	.77	.62	.49

molex VERTICAL MODULAR JACKS

NEW!

MOUSER STOCK NO.	Fig.	Positions-Circuits	Mount Type	Price Each		
				1	10	100
Vertical						
538-42410-6312	D	6-4	Flush mount	1.21	1.11	1.01
538-42410-6168	D	6-6	Flush mount	1.29	1.19	1.08
538-42410-8312	D	8-8	Flush mount	1.22	1.12	1.01
538-42410-6314	D	6-4	Flangeless	1.17	1.08	.98
538-42410-6170	D	6-6	Flangeless	1.29	1.19	1.08
538-42410-8314	D	8-8	Flangeless	1.21	1.11	1.01

MODULAR JACKS WITH 4" WIRE LEADS

(Types marked with † have 50μ" gold plated contacts and meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863), all others have 6μ" gold plated contacts

† E147997

- All wire leads have stripped and tinned terminations

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ∗	Color	Price Each		
						1	10	100
154-UL616B	E	Handset	4-4	616B	Gray	1.28	1.19	1.10
154-7616C	F	Handset	4-4	616C	Gray	1.39	1.15	.95
154-7616D	G	Handset	4-4	616D	Gray	1.39	1.15	.95
154-UL616M	H	Handset	4-4	616M	Gray	1.28	1.19	1.10
154-7616M	H	Handset	4-4	616M	Gray	1.23	1.08	.95
154-7616P	I	Handset	4-4	616P	Gray	1.39	1.15	.95
154-7616T	J	Handset	4-4	616T	Gray	1.39	1.15	.95
154-UL616W	K	Handset	4-4	616W	Gray	1.28	1.19	1.10
154-7616W	K	Handset	4-4	616W	Gray	1.23	1.08	.95
154-7623D4	L	RJ11	6-4	623D4	Gray	1.39	1.15	.95
154-7623D6	L	RJ12	6-6	623D6	Gray	1.18	.91	.83
154-UL623K4	M	RJ11	6-4	623K4	Gray	1.33	1.25	1.14
154-7623K4	M	RJ11	6-4	623K4	Gray	1.19	1.06	.95
154-UL623K6	M	RJ12	6-6	623K6	Gray	1.63	1.53	1.40
154-7623K6	M	RJ12	6-6	623K6	Gray	1.42	1.17	.97
154-UL623P	N	RJ12	6-6	623P	Gray	1.70	1.60	1.46
154-7623P4	N	RJ11	6-4	623P4	Gray	1.39	1.15	.95
154-7623P6	N	RJ12	6-6	623P6	Gray	.90	.69	.63
154-7652A4	O	RJ11	6-4	652A4	Gray	1.09	.83	.76
154-7652A6	O	RJ12	6-6	652A6	Gray	1.29	1.09	.99

MODULAR JACKS WITH 4" WIRE LEADS (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ∗	Color	Price Each		
						1	10	100
† 154-UL641D	P	RJ45	8-8	641D	Gray	1.69	1.42	1.29
154-7641D	P	RJ45	8-8	641D	Gray	1.27	1.06	.96
154-7647	P	RJ45	8-8K	647	Gray	1.69	1.42	1.29

MODULAR JACKS WITH PCB LEADS

(Types marked with † have 50μ" gold plated contacts and meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863), all others have 6μ" gold plated contacts

† E157358(N)

- Glass filled nylon

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ∗	Color	Price Each		
						1	10	100
† 154-UL616PCB	Q	Handset	4-4	616PCB	Gray	.83	.68	.57
† 154-UL6441	R	Handset	4-4	616PCB	Black	.83	.68	.57
† 154-UL6442	S	Handset	4-4	616PCB	Black	.83	.68	.57
† 154-UL6443	T	Handset	4-4	616PCB	Black	1.22	1.13	.98
154-7616PCB	Q	Handset	4-4	616PCB	Gray	.75	.61	.51
† 154-UL623-4PCB	Q	RJ11	6-4	623PCB	Gray	.87	.71	.60
† 154-UL623-6PCB	Q	RJ12	6-6	623PCB	Gray	.88	.72	.61
154-7623PCB	Q	RJ12	6-6	623PCB	Gray	.79	.65	.55
† 154-UL6641	R	RJ11	6-4	623PCB	Black	.87	.71	.60
† 154-UL6661	R	RJ12	6-6	623PCB	Black	.88	.72	.61
† 154-UL6642	S	RJ11	6-4	623PCB	Black	.87	.71	.60
† 154-UL6662	S	RJ12	6-6	623PCB	Black	.88	.72	.61
† 154-UL6643	T	RJ11	6-4	623PCB	Black	1.22	1.13	.96
† 154-UL6663	T	RJ12	6-6	623PCB	Black	.97	.80	.68
† 154-UL6881	R	RJ45	8-8	641PCB	Black	.93	.77	.64
† 154-UL6882	S	RJ45	8-8	641PCB	Black	.93	.77	.64
† 154-UL6883	T	RJ45	8-8	641PCB	Black	1.27	.98	.78
† 154-7641PCB	U	RJ45	8-8	641PCB	Gray	.93	.71	.65

MODULAR JACKS FOR SURFACE MOUNT

(Types marked with † have 50μ" gold plated contacts and meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863), all others have 6μ" gold plated contacts

- Glass filled nylon

† E157358(N)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ∗	Color	Price Each		
						1	10	100
† 154-UL6444	V	Handset	4-4	616SMD	Black	1.07	.89	.74
† 154-UL6664	V	RJ12	6-6	623SMD	Black	1.07	.89	.74
† 154-UL6884	V	RJ45	8-8	641SMD	Black	3.06	2.55	2.12

MODULAR PLUGS

(Types marked with † have 50μ" gold plated contacts and meet the requirements of FCC 68.5 Document 47 Subpart F and UL 1863), all others have 6μ" gold plated contacts

† E147997

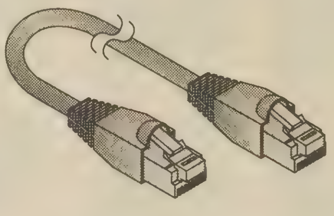
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	USOC Type	Positions-Contacts	Western Electric Type ∗	Color	Price Each		
						1	10	100
† 154-UL6164	W	Handset	4-4	616	Clear	.23	.19	.16
154-7616	W	Handset	4-4	616	Clear	.21	.17	.14
† 154-UL6234	W	RJ11	6-4	623	Clear	.23	.19	.16
154-7623-4	W	RJ11	6-4	623	Clear	.21	.17	.14
† 154-UL6236	W	RJ12	6-6	623	Clear	.28	.23	.19
154-7623-6	W	RJ12	6-6	623	Clear	.25	.21	.17
† 154-UL6418	W	RJ45	8-8	641	Clear	.75	.60	.52
154-7641	W	RJ45	8-8	641	Clear	.68	.54	.47

Patch Cords, Modular Connectors, Cable, and Accessories

tyco Electronics AMP CATEGORY 5 PATCH CORD ASSEMBLIES

Features:
- Colored boots
- Colored cables



Specifications:
- EIA/TIA-568A wired
- Meets Category 5 performance standards
- Cable: 24 AWG, stranded, non-plenum, unshielded

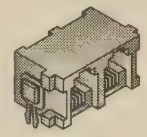
MOUSER STOCK NO.	Color	Length	Description	Price Each			
				1	25	50	100
571-2191973	Gray	3 ft.	Unshielded 4 pair RJ45 to RJ45	2.69	2.61	2.53	2.39
571-2191983	Blue	3 ft.	Unshielded 4 pair RJ45 to RJ45	2.69	2.61	2.53	2.39
571-2191993	Green	3 ft.	Unshielded 4 pair RJ45 to RJ45	2.69	2.61	2.53	2.39
571-2192013	Red	3 ft.	Unshielded 4 pair RJ45 to RJ45	2.69	2.61	2.53	2.39
571-2191977	Gray	7 ft.	Unshielded 4 pair RJ45 to RJ45	3.81	3.67	3.53	3.39
571-2191987	Blue	7 ft.	Unshielded 4 pair RJ45 to RJ45	3.81	3.67	3.53	3.39
571-2191997	Green	7 ft.	Unshielded 4 pair RJ45 to RJ45	3.81	3.67	3.53	3.39
571-2192017	Red	7 ft.	Unshielded 4 pair RJ45 to RJ45	3.81	3.67	3.53	3.39
571-12191974	Gray	14 ft.	Unshielded 4 pair RJ45 to RJ45	5.90	5.68	5.47	5.25
571-12191984	Blue	14 ft.	Unshielded 4 pair RJ45 to RJ45	5.90	5.68	5.47	5.25
571-12191994	Green	14 ft.	Unshielded 4 pair RJ45 to RJ45	5.90	5.68	5.47	5.25
571-12192014	Red	14 ft.	Unshielded 4 pair RJ45 to RJ45	5.90	5.68	5.47	5.25

MODULAR TELEPHONE GANGED JACKS

The ganged jack, originally developed as a labor and space saving jack for OEM use, now has found extensive use in many new product designs. Modems, answering machines, and office equipment are but a few of the many potential applications.

Features:
- Western Electric 623/RJ11 PCB type
- 4 or 6 contacts
- 2-4 gang assemblies
- Color: gray
- Meets the requirements of FCC/CFR 47 part 68

PC Mounting



(2 Gang Illustrated)

Specifications:
- 50 micron gold plated contacts
- UL 94V-0 (25% glass filled nylon 66)

6 Positions 4 Contacts

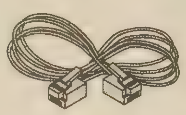
MOUSER STOCK NO.	Gang	Price Each			
		1	10	100	500
154-6412	2	2.79	2.55	2.32	2.05
154-6413	3	3.53	3.24	2.95	2.61
154-6414	4	4.53	4.15	3.77	3.34

6 Positions 6 Contacts

MOUSER STOCK NO.	Gang	Price Each			
		1	10	100	500
154-6612	2	3.22	2.95	2.68	2.37
154-6613	3	4.57	4.19	3.81	3.37
154-6614	4	5.92	5.42	4.93	4.36

MODULAR PLUGS AND ACCESSORIES

A



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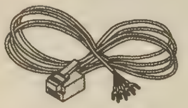

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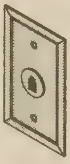
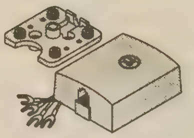


(RJ 11 Type)

D



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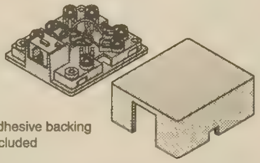
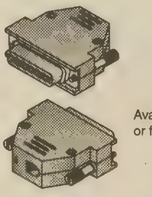


Adhesive backing included

F



Available in male or female RS 232

Features:
- Contacts: 6 micro inch gold plated-phosphor bronze
- Housing material: ABS and polycarbonate
- 4-conductor, color-coded wiring
- Jacket insulation: PVC
- Ivory color
- Leads: 26 AWG, 7 strand

Modular Cables

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Western Electric Type	Cable Lth. (ft.)	Description	Price Each		
					1	10	100
154-3001	A	D4BU-7	7	6P/4C plug to 6P/4C plug	2.09	1.60	1.46
154-3002	A	D4BU-15	15	6P/4C plug to 6P/4C Plug	2.65	2.03	1.85
154-3003	B	D4QK-7	7	6P/4C plug to 4 spade term	1.35	1.20	1.06
154-3004	B	D6QK-7	7	6P/6C plug to 6 spade term	2.45	2.04	1.85
154-3005	B	D8AB-07-87	7	8P/8C plug to 8 spade term	3.58	2.98	2.71

Modular Jack Plates

MOUSER STOCK NO.	Fig.	Western Electric Type	Description	Price Each			
				1	10	100	500
154-3006	C	625B4-4	6P/4C plate/modular jack	1.89	1.69	1.39	1.27
154-3007	D	625A4	6P/4C surface mount jack	3.99	3.06	2.79	2.54
154-3008	E	625BS-6	6P/6C surface mount jack	2.58	2.15	1.95	1.77
154-3009	E	635	8P/8C surface mount jack	3.48	2.90	2.64	2.40

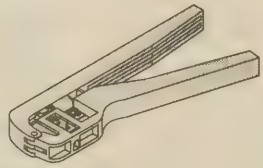
RS232/Modular Jack Adapters

Allows the use of low cost 4, 6, or 8 conductor modular cables between computers and peripherals.

MOUSER STOCK NO.	Fig.	Description		Price Each			
				1	5	10	20
154-2566M	F	Male	6P/6C	6.25	5.63	4.99	4.49
154-2566F	F	Female	6P/6C	6.25	5.63	4.99	4.49
154-2588M	F	Male	8P/8C	7.16	6.44	5.79	5.21
154-2588F	F	Female	8P/8C	7.16	6.44	5.79	5.21

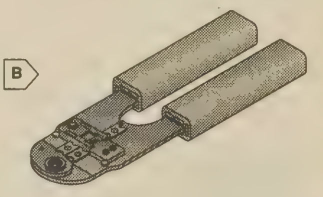
MODULAR CRIMPING TOOLS

A



Modular Plug Crimping Tool

B



Heavy Duty, Modular Plug Crimping Tool

Crimping Tool For Modular Connectors

MOUSER STOCK NO.	Fig.	Type of Use	Price Each			
			1	5	10	25
382-8100	A	6P/4C and 4P/4C modular plugs	7.99	6.99	5.49	5.19

Economy 3-Way Modular Crimping Tools

- Cuts, strips, and crimps
- Black oxide finish
- Hardened steel frame
- Lightweight and durable

382-2194	B	For 4P4C and 4P2C plugs	16.43	15.90	- - -	- - -
382-2196	B	For 6P6C, 6P4C, and 6P2C plugs	16.43	15.90	- - -	- - -
382-2198	B	for 8P8C modular plugs	17.89	17.31	- - -	- - -

FLAT MODULAR TELEPHONE AND DATA CABLE

This modular telephone cable is UL Recognized. It is available in 4, 6, and 8 conductor in three colors: silver satin, black and white. It is sold in 1000' spools or "By The Foot". "By The Foot" orders will be shipped in a simple continuous coil of the number of feet ordered.

Features:
- Available in black, white or silver satin
- Tinned copper conductors prevent corrosion
- Compatible with all USOC modular plugs

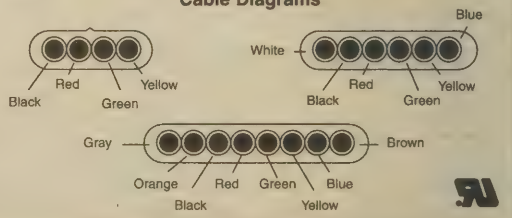
Specifications:
- 26 AWG, 7 x 34 stranding
- Conductors are USOC color coded
- PVC jacket
- UL Recognized by Underwriter's Laboratories Inc.®

By The Foot / By The 1000' Spool

MOUSER STOCK NO.	No. of Conductors	Color	Price Per Foot				SPOOL STOCK NO.	Price Per 1000' Spool			
			1	50	100	250		1	5	10	25
172-UL4010-FT	4	Silver Satin	.12	.076	.063	.061	172-UL4010	52.55	47.82	43.50	42.00
172-UL6010-FT	6	Silver Satin	.18	.116	.090	.087	172-UL6010	68.02	61.90	56.33	55.60
172-UL8010-FT	8	Silver Satin	.25	.160	.129	.125	172-UL8010	92.09	83.80	72.26	71.79
172-UL4110-FT	4	Black	.12	.076	.063	.061	172-UL4110	52.55	47.82	43.50	42.00
172-UL6110-FT	6	Black	.18	.116	.090	.087	172-UL6110	68.02	61.90	56.33	55.60
172-UL8110-FT	8	Black	.25	.160	.129	.125	172-UL8110	92.09	83.80	72.26	71.79
172-UL4210-FT	4	White	.12	.076	.063	.061	172-UL4210	52.55	47.82	43.50	42.00
172-UL6210-FT	6	White	.18	.116	.090	.087	172-UL6210	68.02	61.90	56.33	55.60
172-UL8210-FT	8	White	.25	.160	.129	.125	172-UL8210	92.09	83.80	72.26	71.79

Now available in silver, black, and white

Cable Diagrams



INFO TAP DECORA PLUS®

Houses six InfoTap Snap-In Modules, which you select and snap in. The snap-in jacks are individually terminated using IDC'S with punchdown caps for quick installation. UL listed, meets FCC Part 68 requirements, and NEC Article 800.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Price Each		
		1	10	20
503-41080-6IP	Ivory	4.00	3.75	3.63
503-41080-6WP	White	4.00	3.75	3.63

INFO TAP DECORA PLUS®

Allows field installation of up to two InfoTap® Snap-In modules. Meets FCC part 68 requirements.

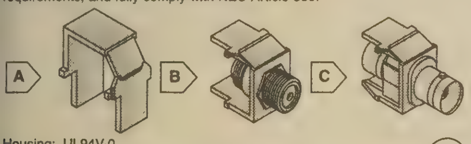
- Includes blank bracket, no jacks

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Price Each		
		1	10	20
503-41642-I	Ivory	4.00	3.75	3.63
503-41642-W	White	4.00	3.75	3.63

INFO TAP® SNAP-IN MODULES

Designed to snap in and out of the Decora Plus, InfoTap TR Plus, and QuickPort Six-Port Wallplate. Modules are UL listed, meets FCC Part 68 requirements, and fully comply with NEC Article 800.



Housing: UL94V-0
Spring wire contacts: 50 microinch, gold plated, phosphor bronze

Blank Filler

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	50
503-41084-BIB	A	Ivory	.20	.19	.18
503-41084-BWB	A	White	.20	.19	.18
503-41084-BEB	A	Black	.20	.19	.18

F Connector For quantities greater than listed, call for quote.

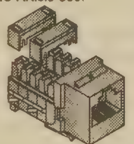
MOUSER STOCK NO.	Fig.	Color	1	10	50
503-41084-FIF	B	Ivory	2.06	1.94	1.87
503-41084-FWF	B	White	2.06	1.94	1.87

BNC Connector For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	1	10	50
503-41084-BIF	C	Ivory	5.15	4.83	4.67
503-41084-BWF	C	White	5.15	4.83	4.67

INFO TAP® SNAP-IN MODULES FOR 22/24 AWG WIRE APPLICATIONS

Designed to snap in and out of the Decora Plus, InfoTap TR Plus, and QuickPort Six-Port Wallplate. Modules are UL listed, meets FCC Part 68 requirements, and fully comply with NEC Article 800.



Housing: UL94V-0
Spring wire contacts: 50 microinch, gold plated, phosphor bronze

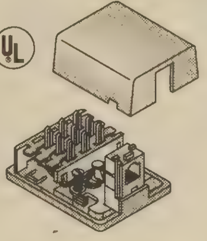
6-Conductor Jacks, USOC

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41106-RI6	Ivory	2.98	2.79	2.70
503-41106-RW6	White	2.98	2.79	2.70
503-41106-RE6	Black	2.98	2.79	2.70

8-Conductor Jacks

MOUSER STOCK NO.	Color	1	10	50
Non-Keyed, USOC				
503-41108-RI8	Ivory	2.98	2.79	2.70
503-41108-RE8	Black	2.98	2.79	2.70
503-41108-RW8	White	2.98	2.79	2.70
Non-keyed, Category 5				
503-41108-RI5	Ivory	4.99	4.68	4.53
503-41108-RW5	White	4.99	4.68	4.53
503-41108-RE5	Black	4.99	4.68	4.53

QUICK JACKS



Features IDC 66 clip terminals to speed installation and troubleshooting. Comes with mounting hardware or use optional mounting magnet.

6-Conductor For quantities greater than listed, call for quote.

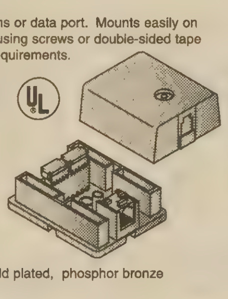
MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41016-IQ	Ivory	4.05	3.80	3.67

8-Conductor For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	1	10	50
503-41018-IQ	Ivory	4.66	4.37	4.22

SINGLE-PORT SURFACE MOUNT MODULAR JACKS

Accommodates one telecommunications or data port. Mounts easily on most walls, floors, and office furniture using screws or double-sided tape (both included). Meets FCC Part 68 requirements.



Housing: UL94V-0
Spring wire contacts: 50 microinch, gold plated, phosphor bronze

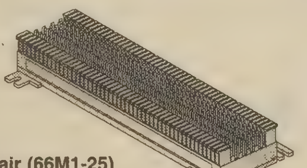
6-Conductor, USOC For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-41036-IDA	Ivory	4.86	4.56	4.41

8-Conductor, USOC For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	1	10	50
503-41038-IDA	Ivory	5.15	4.83	4.67

CONNECTING BLOCKS



M Block: 25-Pair (66M1-25)

Contains 50 rows, each with a single clip having 4 slots. Incoming cable pairs are connected by terminating the tip conductor on the leftmost slot of one row and the ring conductor on the leftmost slot of the next lower row.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40066-M25	24.08	22.58	21.82

Split M Block: 50-Pair (66M1-50)

Contains 50 rows of clips; each row contains two separate 2-slot clips. By terminating 25 incoming pairs on the slots of the left side and an additional 25 pairs on the slots of the right side, 50 crossconnects can be made.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	1	10	50
503-40066-M50	13.14	12.32	11.90

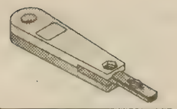
M Block with Female Connector (66M1-50W)

50-pair M block with prewired, pretested 25-pair female connector on left side fanning strip to speed connection of incoming pairs.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	1	10	50
503-40066-MW	35.01	32.82	31.73

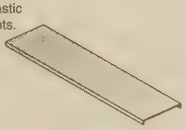
TERMINATION TOOL



This "pocket friendly" tool quickly punches down 20 through 26 gauge unstripped wire in all Leviton devices using 66 clip terminals.

MOUSER STOCK NO.	Price Each		
	1	5	10
503-46666-BT	23.84	22.25	Call

66 BLOCK COVERS

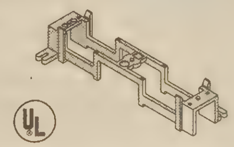


Fits 25- and 50-pair M blocks to protect wiring from dust, dirt, and shorting. Transparent plastic permits viewing of wiring and pair assignments.
503-40050-MCV: Snap-on cover 9 15/16" H x 2 5/16" W x 5/16" D
503-40050-MHG: Hinged cover 10" H x 2 7/16" W x 3/4" D

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40050-MCV	3.54	3.32	3.20
503-40050-MHG	3.31	3.11	3.00

STANDOFF BRACKET FOR M BLOCKS (89-B)



Open at top and bottom so that installers may mount bracket, lay cable, then install connecting block later. For use with all 25- and 50- pair M blocks.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40089B	6.69	6.27	6.06

DESIGNATION STRIP FOR M BLOCKS

Lined strip snaps onto fanning strip of M blocks to identify pair assignments.

MOUSER STOCK NO.	Price Each		
	1	10	50
503-40056-DSM	.98	.92	.89

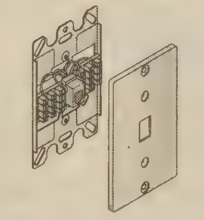
BRIDGING CLIPS

Clips press onto two center slots in any row of a Split B block. If outside cable pairs are terminated on left-hand clips and station equipment wire is terminated on right-hand clips, then connections may be made or eliminated by inserting or removing the bridging clips. Made of tin-plated phosphor bronze alloy; can be easily removed and reused for rewiring.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	200	400
503-40067-BC	.28	.21	.19

4-CONDUCTOR WALL PHONE JACK



Quick-connect terminals, wallplate, metal bracket, mounting lugs, and installation tool. Removable lugs and color-matched plastic inserts (included) permit conversion from wall phone jack to flush mount jack.

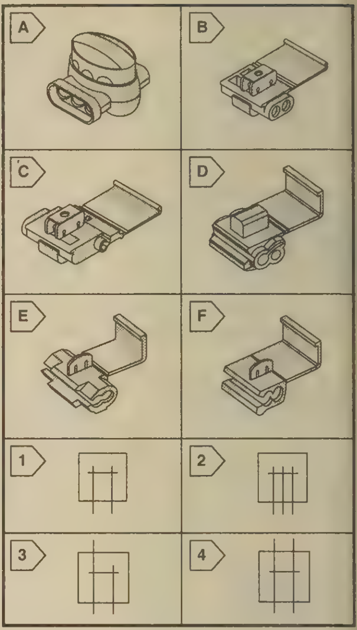
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Price Each		
		1	10	50
503-40253-I	Ivory	3.55	3.40	3.22
503-40253-W	White	3.55	3.40	3.22

3M Scotchlok™ IDC Wire Connectors

INSULATION DISPLACEMENT CONNECTORS (IDC)

- Insulates the connection



* Flame retardant
** Moisture resistant seal, flame retardant

Pigtail - 2 or 3 Wire

- Used to electrically connect two or three wire ends

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	Price Each			
							1	100	500	1000
** 517-314	A	1 or 2	Blue	22-14	.150	105°C	.62	.55	.50	.46
* 517-314U	A	1 or 2	White	22-14	.150	105°C	.47	.42	.38	.35

Pigtail

- Used to electrically connect two wire ends

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	1	100	500	1000
* 517-557	B	1	Red	22-16	.120	105°C	.15	.14	.13	.12

Tap

- Used to electrically connect a (tap) wire end to a through (run) wire

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	1	100	500	1000
* 517-558	C	3	Red	22-16	.120	105°C	.26	.23	.21	.19
* 517-567	D	3	Brown	18-14 Tap, 12-10 Run	.145 Tap, .190 Run	105°C	.34	.30	.28	.25

Tap and Parallel

- Used to electrically connect a (tap) wire end to a through (run) wire

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	1	100	500	1000
* 517-560	E	3 or 4	Lt. Blue	18-14	.145	105°C	.12	.11	.10	.09
517-562	F	3 or 4	Yellow	12, 10 Stranded Only	.190	90°C	.23	.20	.19	.17

Parallel

- Used to electrically connect two through (run) wires

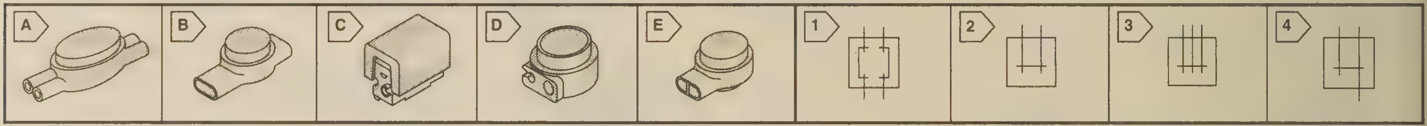
MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Operating Temperature	1	100	500	1000
517-564	E	4	White	18-14	.145	- - - - -	.07	.06	.057	.054

Pigtail and Tap

- Used to electrically connect a (tap) wire end to a through (run) wire

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Stranded or Solid	Insulation O.D. Max. (In.)	Price Each			
						1	50	100	500
517-905	E	1 or 3	Red	22-18 Tap 18-14 Run	.110 .145	.20	.18	.16	.15

INSULATION DISPLACEMENT CONNECTORS (IDC) FOR COMMUNICATION



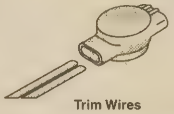
- May be used on standard polyethylene wire insulation, polypropylene insulation of filled cable, and pulp
- Use of a connector is limited only to wire range and port size
- Wire sizes may be intermixed within a connector
- Self stripping, insulated, and moisture resistant
- Contains EG-3 sealant - consisting of white mineral oil, polybutylene, and silane-treated amorphous silica

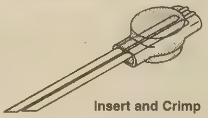
Full-Pair Connectors

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Solid	Price Each			
					1	100	500	1000
517-U1B	A	1	Blue	16-19	1.63	1.47	1.42	1.37
517-U1R	A	1	Red	19-24	1.74	1.58	1.52	1.47

2 or 3 Wire Butt Connectors

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Solid	1	100	500	1000
517-UAL	B	2 or 3	Gray	17-24	.22	.20	.19	.18
517-ULG	B	2 or 3	Green	19-24	.17	.16	.15	.14
517-UR20074	B	2 or 3	Red	19-26	.15	.14	.13	.12


Trim Wires


Insert and Crimp

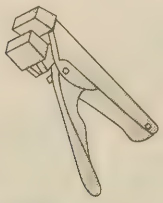
Tap Connectors

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Solid	Price Each			
					1	100	500	1000
517-UB	C	4	Blue	22-26	.22	.20	.19	.18
517-UG20082	D	4	Green	19-26	.20	.18	.17	.16

2-Wire Butt Connector

MOUSER STOCK NO.	Fig.	Type	Color	Wire (AWG) Solid	1	100	500	1000
517-UY14911	E	2	Yellow	22-26	.12	.11	.10	.09

SCOTCHLOK™ IDC CRIMP TOOLS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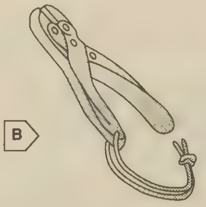
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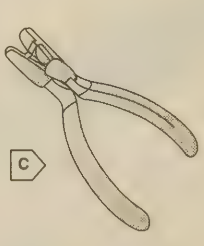
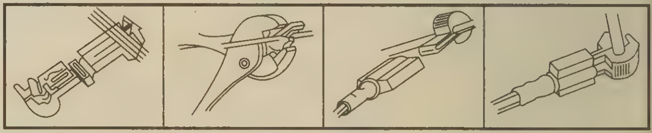

C

MOUSER STOCK NO.	Fig.	Description	Price Each
517-E9BM	A	Adjust. jaws crimp tool for use with all IDC, and U series connectors	69.78
517-E9E	B	Parallel action for use with UAL, UG, UR, UY, UB connectors	27.37
517-E9Y	C	Stepped jaws for use with UAL, UG, UR, UY, UB connectors	29.93

SCOTCHLOK™ IDC FEMALE T-TAP DISCONNECTS



- Quick, easy connection
- No messy tape to tangle
- No cutting and stripping the wire

Mates with standard .250 x .032 male blade

MOUSER STOCK NO.	Color	Wire (AWG)	Standard Package		Price Each			
			Box	Case	1	100	500	1000
517-952X	Blue	18-14	50	500	.18	.15	.13	.12
517-953X	Yellow	12	50	100	.20	.16	.14	.13

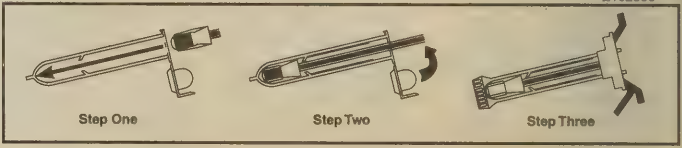
SCOTCHLOK™ DIRECT BURIAL SPLICE KITS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Common Wire AWG Combinations	Volts	Splices Per Kit	Price Each		
				1	100	500
* 517-DBY-6	2 #18, 2 #12	600	2	2.44	2.35	2.26
517-DBY	2 #18, 2 #12	30	2	1.90	1.84	1.77
* 517-DBR-6	7 #18, 4 #12, 3#10	600	2	2.62	2.52	2.43
517-DBR	7 #18, 4 #12, 3#10	30	2	1.95	1.84	1.83

Splice and effectively moisture seal two or more conductors for remote control circuits in irrigation and landscape lighting systems.

* E102356



tyco Electronics AMP Amplimite D-Subminiature Connectors

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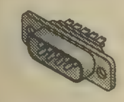

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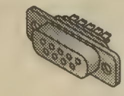

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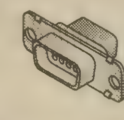

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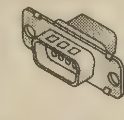

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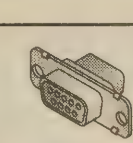

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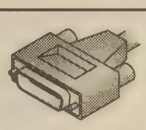

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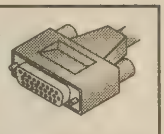

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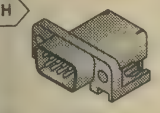

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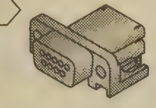

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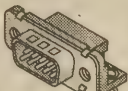
Shown with boardlocks

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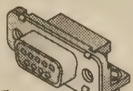
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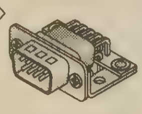

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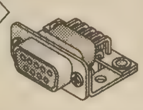

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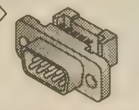

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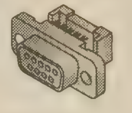

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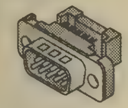

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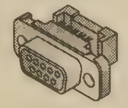

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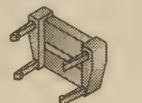

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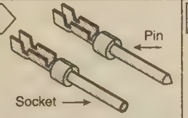

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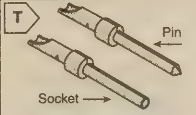

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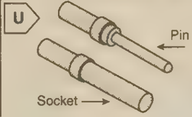

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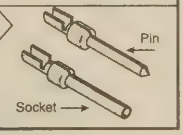


HDP-20 SERIES

HDP-20, D-SUB Solder Cup Connectors, Metal Shell

- UL 94V-0 thermoplastic
- Preloaded solder cup contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Con.	Price Each		
				1	10	100
Plugs, Zinc Plating						
571-7479044	A	1	9	2.08	1.95	1.43
571-7479084	A	2	15	2.88	2.70	1.98
571-7479124	A	3	25	4.06	3.81	2.79
571-7479164	A	4	37	5.30	4.90	4.08
Plugs, Tin Plating						
571-7479042	A	1	9	1.92	1.75	1.59
571-7479082	A	2	15	3.12	2.84	2.58
571-7479122	A	3	25	3.32	3.02	2.72
571-7479162	A	4	37	6.08	5.70	4.18
Receptacles, Zinc Plating						
571-7479054	B	1	9	2.88	2.70	1.98
571-7479134	B	3	25	5.22	4.89	3.59
Receptacles, Tin Plating						
571-7479052	B	1	9	2.35	2.14	1.93
571-7479092	B	2	15	3.90	3.66	2.68
571-7479132	B	3	25	4.15	3.77	3.39
571-7479172	B	4	37	7.49	7.02	5.15

HDP-20, Metal Shell Connector Housings

- Crimp
- UL 94V-0 thermoplastic

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Pos.	Price Each		
				1	10	100
Plug Shells, Zinc Plating						
571-2052041	C	1	9	1.10	1.00	.91
571-2052061	C	2	15	1.60	1.45	1.32
571-2052081	C	3	25	1.42	1.29	1.17
571-2052101	C	4	37	1.44	1.32	1.13
571-2052121	C	5	50	1.77	1.62	1.39
Plug Shells, Tin Plating, Grounding Indents						
571-2052044	D	1	9	.98	.87	.79
571-2052063	D	2	15	1.15	1.05	.95
571-2074642	D	3	25	1.00	.91	.83
571-2052103	D	4	37	1.92	1.72	1.59
571-2052123	D	5	50	2.05	1.87	1.70
Receptacle Shells, Zinc Plating						
571-2052031	E	1	9	1.28	1.17	1.06
571-2052051	E	2	15	1.42	1.29	1.17
571-2052071	E	3	25	1.15	1.05	.95
571-2052091	E	4	37	1.44	1.37	1.13
571-2052111	E	5	50	1.76	1.67	1.45
Receptacle Shells, Tin Plating						
571-2052033	E	1	9	.92	.84	.76
571-2052052	E	2	15	1.00	.91	.83
571-2074631	E	3	25	1.15	1.05	.95
571-2052092	E	4	37	1.37	1.24	1.13
571-2052112	E	5	50	1.72	1.67	1.28

HDP-20, Enclosure Kits

Each kit contains: connector, inner shield, outer shield, enclosure, and two jackscrews.

- Connector shell: steel, tin plated
- Shields: steel, tin plated
- Connector insert: UL 94V-0 black thermoplastic

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Pos.	Price Each		
				1	10	100
Plug Kit						
571-7479521	F	1	9	6.66	6.05	4.48
571-7479561	F	3	25	8.31	7.56	5.60
Receptacle Kit						
571-7479511	G	1	9	7.28	6.62	4.90
571-7479551	G	3	25	8.94	8.13	6.02

HD-20 SERIES

- Contacts: plugs - brass, receptacles - phosphor-bronze
- Plating: gold on mating end, tin-lead on solder end, all over nickel under plate

HD-20, PCB Right Angle Connectors, Plastic Shell

- Shell and housing: UL 94V-0 black thermoplastic
- Standard mounting holes
- .590 PCB footprint

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Con.	Price Each		
				1	10	100
Plugs						
571-7474671	H	1	9	4.45	4.03	2.92
571-7474682	H	2	15	5.38	4.87	3.53
571-7488262	H	3	25	6.53	5.92	4.28
571-2069711	H	5	50	21.44	19.43	14.07
Receptacles						
571-7474591	I	1	9	4.52	4.12	2.98
571-7474601	I	2	15	4.90	4.44	3.21
571-7474611	I	3	25	4.82	4.38	3.51
571-7474621	I	4	37	7.36	6.67	4.83
571-2069731	I	5	50	21.09	19.11	13.84

HD-20, PCB Right Angle Connectors, Metal Shell

- Shell: steel, tin plated
- Housing: UL 9V-0 black thermoplastic
- 4-40 threaded inserts
- .318 PCB footprint

For quantities greater than listed, call for quote.

Plugs - without boardlocks						
571-7472504	J	1	9	2.95	2.68	2.44
571-7472364	J	2	15	2.78	2.24	1.73
571-7472384	J	3	25	5.25	4.77	4.34
571-7472524	J	4	37	5.77	5.29	5.16
Plugs - with boardlocks						
571-7478404	J	1	9	1.91	1.74	1.58
571-7478414	J	2	15	2.50	2.28	2.07
571-7478424	J	3	25	4.37	3.97	3.61
Receptacles - without boardlocks						
571-7457814	K	1	9	2.57	2.33	2.12
571-7457824	K	2	15	3.13	2.85	2.59
571-7457834	K	3	25	3.70	3.37	3.06
571-7457844	K	4	37	7.08	6.44	4.77
Receptacles - with boardlocks						
571-7478444	K	1	9	2.27	2.07	1.88
571-7478454	K	2	15	2.84	2.59	2.35
571-7478464	K	3	25	3.46	3.15	2.86

HD-20, PCB Right Angle Connectors, Metal Shell

- Shell: steel, tin plated
- Housing: UL 9V-0 black thermoplastic
- Standard mounting holes
- .545 PCB footprint

* Gold flash plating over 30 microns nickel

For quantities greater than listed, call for quote.

Tin Plated Plugs						
571-7453514	L	1	9	7.71	7.32	6.27
571-7453524	L	2	15	9.26	8.42	7.29
571-7453534	L	3	25	10.53	10.00	8.57
571-7453554	L	5	50	16.86	15.33	13.29
Tin Plated Receptacles						
571-7451122	M	1	9	8.25	7.50	6.50
571-7451132	M	2	15	9.45	8.60	7.45
571-7451142	M	3	25	10.83	10.29	8.79
571-7451152	M	4	37	13.05	12.40	10.61
* 571-7451161	M	5	50	15.47	14.69	12.57

HDF-20 SERIES (FOR FLAT RIBBON CABLE)

- Plating: gold on mating end, tin-lead on solder end, all over nickel under plate
- Contacts: phosphor-bronze

HDF-20, Low Profile Connectors, Plastic Shell

- Shell, housing, & cover: UL 94V-0 black thermoplastic
- Standard mounting holes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Con.	Price Each		
				1	10	100
Plugs						
571-7473214	N	1	9	3.22	2.93	2.64
571-7473213	N	2	15	3.75	3.41	3.07
571-7473212	N	3	25	4.68	4.25	3.83
571-7473211	N	4	37	6.39	5.81	5.23
Receptacles						
571-7473184	O	1	9	3.22	2.93	2.64
571-7473183	O	2	15	3.75	3.41	3.07
571-7473182	O	3	25	4.68	4.25	3.83
571-7473181	O	4	37	6.39	5.81	5.23

HDF-20, Low Profile Connectors, Metal Shell

- Housing and cover: UL 94V-0 black thermoplastic
- Standard mounting holes
- Shell: steel, tin plated

Plugs						
571-7473064	P	1	9	3.49	3.17	2.85
571-7473063	P	2	15	3.97	3.61	3.25
571-7473062	P	3	25	4.94	4.49	4.04
571-7473061	P	4	37	6.62	6.02	5.42
Receptacles						
571-7473034	Q	1	9	3.49	3.17	2.85
571-7473033	Q	2	15	3.97	3.61	3.25
571-7473032	Q	3	25	4.94	4.49	4.04
571-7473031	Q	4	37	6.62	6.02	5.42

HDF-20, Cable Stabilizer

- UL 94V-0 black thermoplastic

MOUSER STOCK NO.	Fig.	Shell Size	No. of Con.	Price Each		
				1	100	1000
571-7472754	R	1	9	.68	.62	.56
571-7472753	R	2	15	.76	.69	.63
571-7472752	R	3	25	.85	.77	.70
571-7472751	R	4	37	1.01	.92	.84

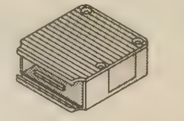
SIZE 20 CONNECTOR CONTACTS

For use with HDP-20, Metal Shell Connector Housings and Enclosure Kits.

Plating:
(a) Gold flash over nickel on entire contact.
(b) Gold on mating end, tin-lead on termination end, with entire contact nickel underplated.
(c) Gold flash over all nickel underplate, additional gold on mating end.
(d) Gold plated over nickel
* Use insertion/extraction tool 571-912851
† Use insertion/extraction tool 571-910672

MOUSER STOCK NO.	Fig.	Material and Plating Code	Price Each		
			1	100	1000
Pins – for use with Plugs					
* 571-1665060	S	a	.19	.18	.16
* 571-1665070	S	a	.39	.30	.23
* 571-5665069	S	b	.30	.23	.17
* 571-665069	S	c	.27	.21	.16
* 571-665703	T	c	.37	.28	.22
† 571-2050891	U	d	.19	.16	.14
* 571-2052027	V	a	.41	.31	.23
Sockets – for use with Receptacles					
* 571-1665040	S	a	.21	.19	.17
* 571-1665050	S	a	.16	.13	.12
* 571-5665047	S	b	.22	.14	.10
* 571-665049	S	c	.29	.22	.17
* 571-665693	T	c	.44	.34	.26
† 571-2050901	U	d	.28	.23	.20
* 571-2052017	V	a	.48	.36	.28
* 571-2052015	V	c	.62	.56	.43
Insertion / Extraction Tools					
571-912851	-	- - - -	8.70	- - -	- - -
571-910672	-	- - - -	3.63	- - -	- - -

tyco Electronics AMP Amplimite D-Sub Connectors, Hoods and Accessories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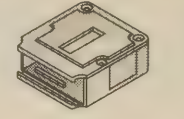
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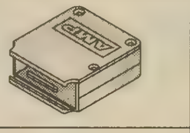
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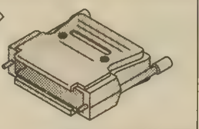
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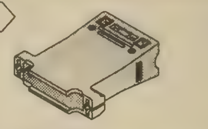
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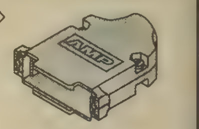
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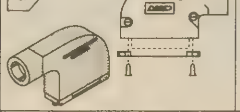
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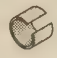
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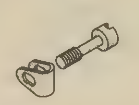
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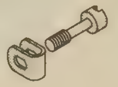
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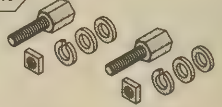
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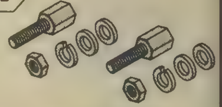
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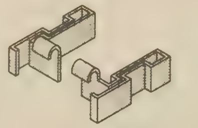
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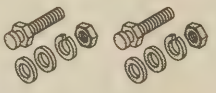
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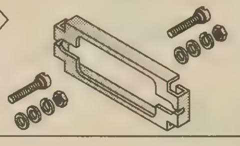
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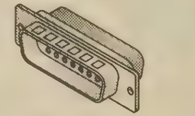
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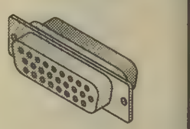
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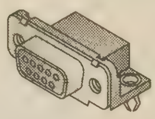
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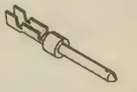
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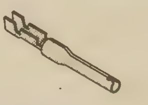
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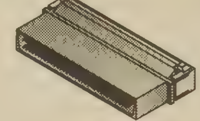
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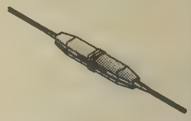
V

HDP-20 SERIES D-SUB HOODS

These cable clamp assemblies can be used on either a plug or socket. All parts are packaged unassembled.

HDP-20, Unshielded Exit Clamp Assemblies

† 90° Cable O.D.: .50" max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Pos.	Cable O.D. (max.)	Price Each		
					1	10	100
Box and Lid, Straight / 90° Exit, Black Thermoplastic							
571-2074671	A	1	9	.25"	2.24	1.90	1.73
571-2074701	A	2	15	.325"	3.73	3.39	3.08
571-2073451	B	3	25	.50"	3.81	3.47	3.15
† 571-2074731	B	4	37	.675"	2.34	1.99	1.80
571-2074761	B	5	50	.50"	2.34	2.09	1.74
* 571-2079081	A	1	9	.25"	3.48	3.17	2.88
* 571-2079084	A	2	15	.325"	3.98	3.62	3.26
* 571-2079087	B	3	25	.50"	3.60	3.27	2.94
†* 571-12079080	B	4	37	.675"	2.74	2.32	2.11
Clam Shell, Straight / 45° Exit, Black Thermoplastic							
571-2057291	C	1	9	.256"	2.80	2.54	2.31
571-2057301	C	2	15	.320"	2.00	1.69	1.54
571-2057181	C	3	25	.420"	2.57	2.33	2.12
571-2057311	C	4	37	.490"	2.00	1.69	1.53
571-2057321	C	5	50	.600"	2.59	2.14	1.83
Straight Exit Dataphone, Black Polyester							
571-7451222	D	2	15	.400"	7.05	5.80	4.90
571-7451212	D	3	25	.500"	9.02	8.20	6.08
2 Piece Gray Nylon Housing							
571-2064711	E	2	15	.350"	2.50	2.27	1.94
571-2064721	E	3	25	.335"	1.90	1.61	1.53
571-7450811	E	4	37	.675"	2.59	2.20	1.80
571-7450821	E	5	50	.775"	2.79	2.37	2.15

* With male screw retainers.

HDP-20, Shielded Exit Clamp Assemblies

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Pos.	Cable O.D. (max.)	Price Each		
					1	10	100
RFI-EMI Metal Plated Plastic Shields							
571-7458543	F	1	9	.25"	4.48	4.07	3.70
571-7458541	F	1	9	.37"	4.94	4.49	4.08
571-7470993	F	2	15	.38"	3.71	3.15	2.86
571-7458337	F	3	25	.35"	4.75	4.32	3.89
571-7458335	F	3	25	.43"	3.83	3.25	2.95
571-7471007	F	4	37	.43"	6.81	6.19	5.63
571-7471005	F	4	37	.50"	6.06	5.78	5.50
RFI-EMI Metal Shields							
571-7451711	F	1	9	.25"	6.73	6.12	5.56
571-7451722	F	2	15	.30"	7.93	7.21	5.34
571-7451734	F	3	25	.35"	7.13	6.48	5.89
571-7451733	F	3	25	.43"	7.13	6.48	5.89
571-7451744	F	4	37	.43"	8.86	8.05	5.97
571-7451743	F	4	37	.50"	5.74	4.87	4.42
571-7451751	F	5	50	.75"	5.89	5.00	4.53
RFI-EMI Metal Shields with Grommets, for Jacketed Cable							
571-7486761	F	1	9	.32"	6.50	5.91	5.37
571-7486762	F	2	15	.32"	6.50	5.91	5.37
571-7486763	F	3	25	.47"	6.75	6.14	5.58
571-7486764	F	4	37	.47"	8.86	8.05	5.97
571-7486765	F	5	50	.47"	7.34	6.23	5.65
RFI-EMI 90° Metal Shields							
571-7456522	G	2	15	.38"	9.04	7.67	6.96
571-7456533	G	3	25	.43"	16.20	14.73	8.40

HARDWARE AND ACCESSORIES

HDP-20 Split Ring Crimp Ferrules

For Shielded Exit Clamp Assemblies.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Use With		Price Each		
		Shell Size	Cable O.D.	1	10	100
571-7455082	H	1	.20"	.23	.21	.19
571-7455083	H	1	.24"	.23	.21	.19
571-7455084	H	2	.30"	.23	.21	.19
571-7455085	H	3	.35"	.23	.21	.19
571-7455081	H	2	.43"	.35	.33	.31

Male Screw Retainers Kits, Thread Size 4-40

Includes: male screw – zinc plated clear or yellow chromate steel, retention clip – stainless steel.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Chromate Color	Price Each		
			1	10	100
For HDP-20, Metal Shell Connectors					
571-2059801	I	Yellow	.65	.59	.54
571-2059804	I	Clear	.36	.34	.31
For HDF-20, Metal-Shell and All-Plastic Connectors					
571-7468811	J	Yellow	1.08	.99	.94

Female Screw Lock Kits, Thread Size 4-40

Includes two complete sets of: female screw, two flat washers, lock washer, and hex nut or square nut. Material and finish for all parts: cold rolled steel, zinc plated clear or yellow chromate.

For quantities greater than listed, call for quote.

For HD-20 RA Connectors, Plastic Shell					
571-2079521	K	Yellow	1.56	1.42	1.28
571-2079523	K	Clear	1.25	1.06	1.01
For HDE Connectors, Metal / All Plastic Shell					
571-7455631	L	Yellow	1.90	1.73	1.56
571-7455633	L	Clear	1.69	1.54	1.39
For HDP/HDF Connectors, Metal Shell					
571-2058171	L	Yellow	1.54	1.40	1.27
571-2058173	L	Clear	1.54	1.40	1.27
For For HD/HDF Connectors, All Pl., W/Integral Standoffs					
571-2077191	L	Yellow	1.69	1.54	1.39
571-2077193	L	Clear	1.61	1.46	1.31

Standard Spring Latch

Includes: two stainless steel spring latches.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Per Pkg. of 2		
		1	10	100
571-7457792	M	1.66	1.51	1.36

Locking Post Assembly Kit

Includes two complete assemblies of: 4-40 post, two flat washers, lock washer, and hex nut. Material for all parts: cold rolled steel, zinc plated yellow chromate.

For quantities greater than listed, call for quote.

571-2065141	N	2.54	2.31	2.08

Slide Latch Kit for Use With Shell Size 2

Includes: slide latch – steel and two complete assemblies of screw, two washers, and hex nut – steel, zinc plated yellow chromate.

For quantities greater than listed, call for quote.

571-7455835	O	3.60	3.27	2.94

HDP-22 SERIES

HDP-22 High Density, D-Sub Connectors

Contacts not included, order separately from Size 22 Contacts.

- Shell: steel, tin plated
- Insert: black thermoplastic, 94V-0 rated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Pos.	Price Each		
				1	10	100
Plugs						
571-7483641	P	1	15	2.75	2.50	2.27
571-7483651	P	2	26	5.49	4.99	4.54
571-7483661	P	3	44	5.61	5.10	3.78
571-7483671	P	4	62	5.40	4.91	3.64
571-7483681	P	5	78	6.24	5.67	4.20
Receptacles						
571-7485651	Q	1	15	2.98	2.71	2.46
571-7485661	Q	2	26	5.61	5.10	3.78
571-7485671	Q	3	44	5.23	4.51	3.97
571-7485681	Q	4	62	5.75	5.28	4.37
571-7485691	Q	5	78	5.99	5.49	4.55

HDP-22 Front Metal Shell, Right Angle Connector

- Front shell: steel tin plated
- Housing: black thermoplastic, 94V-0
- High density, .350 PCB footprint with boardlocks and threaded inserts
- Contacts: pin-brass, socket-phosphor bronze plating 30 microns gold on mating end, tin-lead on termination end, all nickel under plated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	No. of Pos.	Price Each		
				1	10	100
571-7483905	R	1	15	3.54	3.22	2.93
571-7484815	R	2	26	8.20	7.46	6.78

SIZE 22 CONNECTOR CONTACTS

- Plating: 30 microns gold on mating end, tin-lead on crimp barrel, all nickel underplated
- Material: pin - brass, socket - phosphor bronze
- AWG size: 28-22

Use Insertion/extraction tool 571-912851

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Price Each		
			1	100	1000
571-7483334	S	Pin	.16	.14	.13
571-7486104	T	Socket	.12	.11	.10

AMPLIMITE .050 SERIES III

Plug and receptacle assembly for .025 centerline ribbon cable.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each		
			1	10	100
571-7860907	U	68	4.48	4.07	3.70

TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
571-912851	V	Insertion / extraction tool	13.65

Filtered D-Subminiature Connectors

SPECTRUM CONTROL INC

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SERIES 400 FERRITE FILTERED CONNECTORS

The Series 400 ferrite filtered connector is designed as a low cost EMI solution for high frequency interference. The space saving .318" footprint makes this product interchangeable with standard D-subminiature connectors.

Features:

- Filtering of high frequency interference
- Short, space saving .318" footprint
- Replaces individual ferrite beads, saving cost and space
- Effective in meeting FCC, VDE, EN55022 and Japan's VCCI requirements

Specifications:

- Shell: Steel (Tin Plated)
- Insulators: PBT + 30% Glass Fiber (UL 94V-0)
- Contact Plated: Gold Flash
- Temperature: –40°C to +105°C
- Frequency Range: 10 – 300 MHz
- Current Rating: 5 Amps
- Dielectric Withstand Voltage: 1000 VRMS for one minute

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Typ. Impedance (Ohms)		Price Each		
			25 MHz	100 MHz	1	10	25
Plugs							
657-56-402-001	A	9	30	50	2.56	2.44	2.33
657-56-412-001	A	15	30	50	3.00	2.86	2.73
657-56-422-001	A	25	30	50	3.78	3.60	3.43
Receptacles							
657-56-404-001	B	9	30	50	2.56	2.44	2.33
657-56-414-001	B	15	30	50	3.00	2.86	2.73
657-56-424-001	B	25	30	50	3.78	3.60	3.43

SERIES 700 HIGH PERFORMANCE FILTERED CONNECTORS

Spectrum Control Series 700 Connectors offer the highest performance filtering for all types of professional applications.

Features:

- Available in 9, 15, 25, and 37 shell sizes
- One piece diecast housing design
- Tubular capacitor filtering provides effective performance through 10 GHz

Specifications:

- Shell: Zinc diecast, nickel plated
- Insulators: Glass-filled polyester, flammability UL94V-O
- Socket Contacts: Gold plated over nickel
- Temperature: -55°C to +125°C
- Current Rating: 5 Amps
- Contact Resistance: 10 milliohms maximum
- UL Recognized: Under category of communication circuit accessories. File #E149046

Printed Circuit Board Right Angle Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	EMI Filter Cap. Value	Price Each		
				1	10	25
Plugs						
657-56-702-005	C	9	4000 pF Pi	24.09	22.94	21.85
657-56-712-005	C	15	4000 pF Pi	33.67	32.07	30.54
657-56-722-005	C	25	4000 pF Pi	50.79	48.37	46.07
Receptacles						
657-56-704-005	D	9	4000 pF Pi	25.05	23.86	22.72
657-56-714-005	D	15	4000 pF Pi	34.99	33.33	31.74
657-56-724-005	D	25	4000 pF Pi	52.84	50.33	47.93

Solder Cup Termination

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	EMI Filter Cap. Value	Price Each		
				1	10	25
Plugs						
657-56-701-011	E	9	310 pF Pi	20.93	19.93	18.98
657-56-701-013	E	9	1000 pF Pi	22.31	21.25	20.24
657-56-701-015	E	9	4000 pF Pi	23.17	22.07	21.02
657-56-711-011	E	15	310 pF Pi	29.22	27.83	26.50
657-56-711-013	E	15	1000 pF Pi	31.54	30.04	28.61
657-56-711-015	E	15	4000 pF Pi	32.94	31.37	29.88
657-56-721-011	E	25	310 pF Pi	44.18	42.07	40.07
657-56-721-013	E	25	1000 pF Pi	48.16	45.86	43.68
657-56-721-015	E	25	4000 pF Pi	50.56	48.15	45.86
657-56-731-011	E	37	310 pF Pi	72.77	69.31	60.93
657-56-731-013	E	37	1000 pF Pi	79.54	75.76	66.59
657-56-731-015	E	37	4000 pF Pi	83.68	79.70	67.90
Receptacles						
657-56-706-001	F	9	310 pF Pi	25.53	24.32	23.16
657-56-706-003	F	9	1000 pF Pi	27.56	26.25	25.00
657-56-706-005	F	9	4000 pF Pi	28.65	27.29	25.99
657-56-716-001	F	15	310 pF Pi	35.30	33.62	33.04
657-56-716-003	F	15	1000 pF Pi	37.80	36.00	34.29
657-56-716-005	F	15	4000 pF Pi	40.24	38.33	36.50
657-56-726-001	F	25	310 pF Pi	51.35	48.91	48.04
657-56-726-003	F	25	1000 pF Pi	56.39	53.71	51.15
657-56-726-005	F	25	4000 pF Pi	59.26	56.44	53.75
657-56-736-001	F	37	310 pF Pi	87.07	85.76	----
657-56-736-003	F	37	1000 pF Pi	93.67	89.21	80.47
657-56-736-005	F	37	4000 pF Pi	101.12	96.31	82.04

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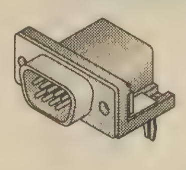

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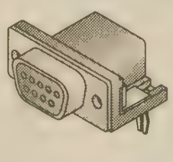

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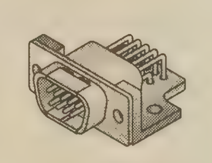

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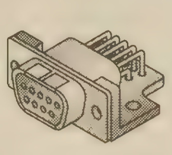

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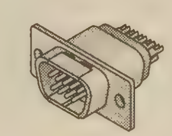

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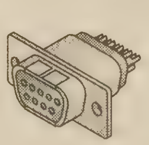

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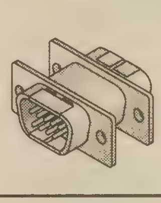

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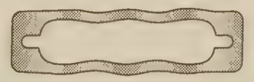

SERIES 700 HIGH PERFORMANCE FILTERED CONNECTORS (Cont.)

Plug/Receptacle Adapter

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	EMI Filter Cap. Value	Price Each		
				1	10	25
657-56-705-001	G	9	310 pF Pi	20.93	19.93	18.98
657-56-705-003	G	9	1000 pF Pi	22.31	21.25	20.24
657-56-705-005	G	9	4000 pF Pi	23.17	22.07	21.02
657-56-715-001	G	15	310 pF Pi	29.22	27.83	26.50
657-56-715-003	G	15	1000 pF Pi	31.54	30.04	28.61
657-56-715-005	G	15	4000 pF Pi	32.94	31.37	29.88
657-56-725-001	G	25	310 pF Pi	44.18	42.07	40.07
657-56-725-003	G	25	1000 pF Pi	48.16	45.86	43.68
657-56-725-005	G	25	4000 pF Pi	50.56	48.15	45.86
657-56-735-001	G	37	310 pF Pi	72.77	69.31	59.04
657-56-735-003	G	37	1000 pF Pi	79.54	75.76	64.54
657-56-735-005	G	37	4000 pF Pi	83.68	79.70	67.90

WAVED METAL GASKETS

Waved Metal Gaskets adjust for mounting surface irregularities, resulting in optimum filtering performance.

Features:

- Available in 9, 15, 25, and 37shell sizes

Specifications:

- Material: Beryllium Copper
- Finish: Electro Tin Plate
- Material Thickness: .005" Compressed
- Wave Length: .030

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	Price Each		
			1	10	25
Front Mounted Plug or Receptacle Connector, Rear Mounted Plug					
657-572019-100-70	H	9	1.00	.96	.92
657-572019-101-70	H	15	1.15	1.10	1.05
657-572019-102-70	H	25	1.40	1.34	1.28
657-572019-103-70	H	37	1.87	1.79	1.71
Rear Mounted Receptacle Connector Only					
657-572019-105-70	H	9	1.00	.96	.92
657-572019-106-70	H	15	1.15	1.10	1.05
657-572019-107-70	H	25	1.40	1.34	1.28
657-572019-108-70	H	37	1.87	1.79	1.71

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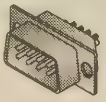
Connectors and Accessories

(D-Sub and Parallel Interface)

HI-REL D-SUB CONNECTORS

Specifications:

- Insulation: thermoplastic; UL94V-0
- Current rating: 5A per contact max.
- Printed circuit connector: ø.025"
- Wire gauge: 20AWG max.



Preloaded Contacts

Right Angle PCB

MOUSER STOCK NO.	No. of Cond.	Price Each			
		1	10	100	500
Plugs					
152-5609	9	3.58	3.42	3.11	2.83
152-5615	15	5.15	4.91	4.47	4.06
152-5625	25	7.71	7.36	6.69	6.08
152-5637	37	10.99	10.49	8.71	7.93
152-5650	50	11.83	11.23	10.73	9.76
Receptacles					
152-5709	9	3.89	3.73	3.38	3.08
152-5715	15	5.59	5.34	4.85	4.41
152-5725	25	7.99	7.63	6.99	6.49
152-5737	37	10.83	10.44	10.10	9.19
152-5750	50	13.72	12.66	11.44	10.41

Solder Cup

Plugs					
152-5009	9	1.63	1.56	1.30	1.18
152-5015	15	2.53	2.28	2.01	1.83
152-5025	25	2.65	2.52	2.29	2.17
152-5037	37	3.76	3.62	3.29	2.99
152-5050	50	5.65	5.43	4.93	4.49
Receptacles					
152-5109	9	2.34	2.17	1.80	1.64
152-5115	15	3.22	2.66	2.42	2.20
152-5125	25	3.91	3.26	2.96	2.69
152-5137	37	5.84	5.59	5.09	4.65
152-5150	50	7.59	7.37	6.69	6.09

Straight PCB

Plugs					
152-5209	9	1.89	1.79	1.69	1.54
152-5215	15	2.05	1.95	1.77	1.59
152-5225	25	3.49	3.07	2.79	2.53
152-5237	37	4.71	4.29	3.90	3.60
152-5250	50	5.36	5.13	4.66	4.24
Receptacles					
152-5309	9	2.53	2.39	2.19	1.99
152-5315	15	3.99	3.73	3.39	3.08
152-5325	25	5.19	4.75	4.32	3.93
152-5337	37	7.92	7.61	6.92	6.29
152-5350	50	9.99	9.69	9.09	8.39

PARALLEL INTERFACE CONNECTORS

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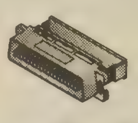

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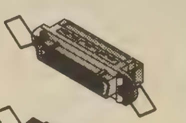

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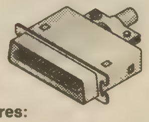

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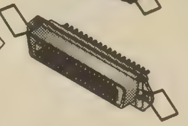


Features:

- Temperature rating: -55°C to +105°C
- Insulated material: reinforced thermoplastic
- Contact material: phosphor bronze
- Contact plating: gold over nickel
- UL Rated 94V-0

MOUSER STOCK NO.	Fig.	Type	No. of Pins	Price Each			
				1	10	25	50
IDC Flat Cable Termination							
155-3360	A	Plug	36	3.52	2.94	2.67	2.40
155-4360	B	Socket	36	3.52	2.94	2.67	2.40
Solder Termination							
155-1360	C	Plug	36	3.05	2.54	2.29	2.04
155-2360	D	Socket	36	3.05	2.54	2.29	2.04

D-SUB CONNECTORS

Specifications:

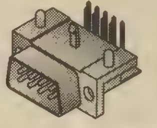
- Current rating: 5A per contact
- Contact resistance: initial: <5mΩ
- Insulation resistance: >10MΩ
- Temperature rating: -55°C to +125°C
- Flame retardant to UL 94V-0
- Shell: steel with passivation over zinc
- Contacts: gold plate over nickel

Solder Cup

MOUSER STOCK NO.	No. of Cond.	Price Each			
		1	10	100	500
Plugs					
156-1209	9	.61	.47	.43	.39
156-1215	15	.65	.59	.54	.49
156-1225	25	.99	.76	.69	.63
156-1237	37	1.58	1.32	1.20	1.09
Receptacles					
156-1309	9	.66	.51	.46	.42
156-1315	15	.85	.65	.59	.54
156-1325	25	1.00	.77	.70	.64
156-1337	37	1.87	1.56	1.42	1.29

RIGHT ANGLE PCB D-SUB CONNECTOR PLUG

- Snap-in mounting tab
- Tin plated contacts



MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
152-3709	9	1.27	.98	.89	.79

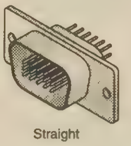
HIGH DENSITY STRAIGHT AND RIGHT ANGLE D-SUB CONNECTORS

Material:

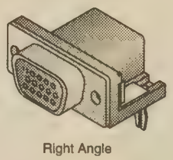
- Insulator: glass filled PBT Rated UL94V-0
- Shell: tin plated steel
- Contact male: brass
  female: phosphor bronze
- Contact plating: gold over nickel

Specifications:

- Current rating: 5A per contact
- Breakdown voltage: 1000V
- Temperature rating: -55°C to +105°C



Straight



Right Angle

✻ Housing only, order pin or socket contacts separately

	MOUSER STOCK NO.	No. of Pins	Shell Size	Termination Type	Price Each			
					1	10	100	500
	Plugs							
	156-1815	15	DB9	Solder Cup	1.80	1.49	1.34	1.20
✻	156-2215	15	DB9	Crimp	1.35	1.12	1.01	.90
	156-1826	26	DB15	Solder Cup	3.95	3.29	2.95	2.77
✻	156-2026	26	DB15	Crimp	2.97	2.47	2.22	2.08
	Receptacles							
	156-1915	15	DB9	Solder Cup	1.80	1.49	1.34	1.20
✻	156-2115	15	DB9	Crimp	1.35	1.12	1.01	.90
	156-1926	26	DB15	Solder Cup	3.95	3.29	2.95	2.77
✻	156-2126	26	DB15	Crimp	2.97	2.47	2.22	2.08
	Right Angle Plug and Receptacle (Pins included)							
	156-3215	15	DB9	Plug	1.80	1.49	1.34	1.20
	156-3315	15	DB9	Receptacle	1.80	1.49	1.34	1.20

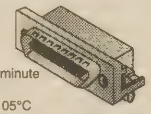
Contacts By the Terminal

MOUSER STOCK NO.	Type	Price Each		
		1	10	100
156-2000	Male	.10	.05	.043
156-2100	Female	.10	.05	.043

RIGHT ANGLE PCB RFI/EMI FILTERED D-SUB CONNECTORS

Material:

- Insulator: PBT +30% glass fiber (UL94V-0)
- Contact male: brass/gold over nickel plating
- Contact female: phosphor bronze/gold over nickel plating
- Shell: tin plated steel



Electrical:

- Current rating: 5A
- Withstand voltage: 1000V for 1 minute
- Insulation resistance: 1000MΩ
- Temperature range: -40°C to +105°C

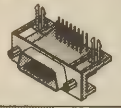
MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Plugs					
152-3509	9	2.42	2.20	2.00	1.82
152-3515	15	2.90	2.64	2.40	2.18
152-3525	25	3.60	3.27	2.97	2.70
152-3537	37	4.39	3.99	3.64	3.30
Receptacles					
152-3609	9	2.42	2.20	2.00	1.82
152-3615	15	2.90	2.64	2.40	2.18
152-3625	25	3.60	3.27	2.97	2.70
152-3637	37	4.39	3.99	3.64	3.30

RIGHT ANGLE PCB D-SUB CONNECTORS

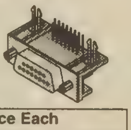
Specifications:

- Current rating: 1A
- Operating temperature: -55°C to 105°C
- Housing: glass filled polyester UL 94V-0
- Contact male: brass/gold plated
- Contact female: phosphor bronze/gold plated

Plug



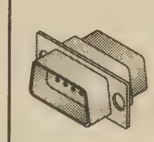
Receptacle



MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Plugs					
152-3309	9	.99	.77	.70	.64
152-3315	15	1.26	.98	.89	.81
152-3325	25	1.63	1.26	1.14	1.04
152-3337	37	2.31	1.78	1.62	1.47
Receptacles					
152-3409	9	.95	.73	.67	.61
152-3415	15	1.18	.91	.83	.75
152-3425	25	1.54	1.19	1.08	.98
152-3437	37	2.31	1.78	1.62	1.47

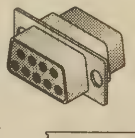
D-SUBMINIATURE CONNECTOR HOUSINGS

Removable crimp type contacts. Can be loaded with only the number of contacts needed.

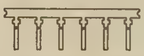


Plug

Crimp Pin (Male)



Receptacle



Crimp Socket (Female)

MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
Plug (Contacts not included)					
156-1410	9	.59	.45	.41	.36
156-1416	15	.81	.62	.55	.49
156-1426	25	.81	.62	.55	.49
156-1438	37	1.27	1.06	.96	.85
Receptacles (Contacts not included)					
156-1409	9	.69	.53	.47	.42
156-1415	15	.88	.68	.63	.54
156-1425	25	.88	.66	.59	.53
156-1437	37	1.30	1.08	.97	.87

Crimp Contacts (Optional)

MOUSER STOCK NO.	Type	Price Each			
		1	100	1000	5000
156-1402	Male (pin)	.10	.047	.043	.035
156-1401	Fem(socket)	.11	.050	.046	.040

For Contact Crimping Tools, See Page 426

SINGLE D-SUB WALL PLATES

- 25 pin "D-sub" (RS232)
- Durable thermoplastic or polished stainless steel

Plastic Plate

For quantities greater than listed, call for quote.

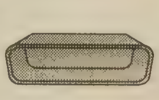
MOUSER STOCK NO.	Color	Price Each		
		1	10	50
152-0125	Beige	1.45	1.31	1.25

Stainless Steel Plate

MOUSER STOCK NO.	Color	Price Each		
		1	10	100
556-DW25B	Stainless steel	1.89	1.70	1.51

D-SUB DUST / SPLASH COVERS

- Fits 9 or 25-pin "D-sub" connectors
- Increases connector life
- Hood color: red
- Keeps dust and liquids from entering the plug or socket

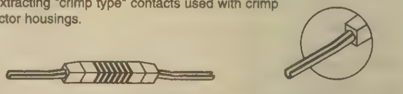


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Type	Price Each		
			1	10	100
152-1042-1P	Fits 9 pin	Male	.46	.31	.28
152-1042-1S	Fits 9 pin	Female	.46	.31	.28
152-1042-3P	Fits 25 pin	Male	.46	.31	.28
152-1042-3S	Fits 25 pin	Female	.46	.31	.28

CONTACT INSERTION / EXTRACTION TOOL

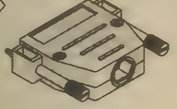
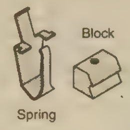
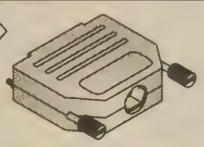
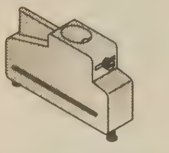
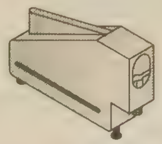
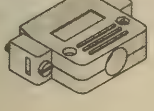
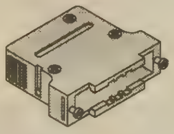
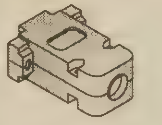
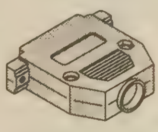
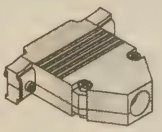
A tool for inserting and/or extracting "crimp type" contacts used with crimp type D-subminiature connector housings.



MOUSER STOCK NO.	Description	Price Each		
		1	10	100
156-1400	For standard crimp type contacts	4.79	4.35	3.96
156-1900	For high density crimp type contacts	4.79	4.35	3.96

D-Subminiature Connector Hoods

DIMENSIONS (IN.)

A 	B 	C 	D 	E 
F 	G 	H 	I 	J 

HI-RELIABILITY UL RECOGNIZED HOODS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each			
				1	10	100	500
2 Piece Hoods with Screw Locks							
152-1309	A	DB9	2 pc plastic hood w/lock screws	2.51	2.09	1.90	1.73
152-1315	A	DB15	2 pc plastic hood w/lock screws	2.59	2.16	1.96	1.78
152-1325	A	DB25	2 pc plastic hood w/lock screws	2.63	2.19	1.99	1.83
152-1337	A	DB37	2 pc plastic hood w/lock screws	2.89	2.41	2.19	1.99
152-1350	A	DB50	2 pc plastic hood w/lock screws	2.89	2.41	2.19	1.99
2 Piece Shielded Hoods with Screw Locks							
152-1437	A	DB37	2 pc. shielded hood w/lock screws	6.64	5.53	5.03	4.57

HINGED CONSTRUCTION WITH JACK SCREWS

Features:
- Side snap lock
- UL94V0 polypropiene

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	Length (in.)	Width (in.)	Color	Price Each			
						1	10	100	500
152-9009	C	DB9	1.31	1.33	Black	1.39	1.08	.98	.89
152-9015	C	DB15	1.29	1.66	Black	1.39	1.08	.98	.89
152-9025	C	DB25	1.44	2.22	Black	1.39	1.08	.98	.89
152-9037	C	DB37	1.54	2.85	Black	1.87	1.44	1.30	1.19

D-SUBMINIATURE CUSTOM ADAPTER HOUSING

A two piece plastic housing designed for custom applications requiring the use of two D-sub connectors. Applications include custom jumper boxes and interconnects. Connectors are not included.

Features:
- All plastic construction
- Connector screws included
- Snap together assembly

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Description	Price Each			
			1	10	25	50
157-4000	Black	DB25/DB25 housing with screws	1.10	.85	.76	.69
157-4001	Black	DB9/DB9 housing with screws	1.10	.85	.76	.69
157-4002	Gray	DB9/DB25 housing with screws	1.10	.85	.76	.69
157-4003	Gray	DB25/DB25 housing with screws	1.10	.85	.76	.69

HI-RELIABILITY HOODS

- Designed to fit our 152 series connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each			
				1	10	100	500
Plastic Hoods with Straight Outlets							
152-6009	D	DB9	Plastic hood with straight outlet	1.69	1.47	1.34	1.28
152-6015	D	DB15	Plastic hood with straight outlet	1.69	1.47	1.34	1.28
152-6025	D	DB25	Plastic hood with straight outlet	1.79	1.49	1.39	1.29
152-6037	D	DB37	Plastic hood with straight outlet	2.03	1.69	1.54	1.40
152-6050	D	DB50	Plastic hood with straight outlet	2.09	1.89	1.69	1.59

HI-RELIABILITY HOODS, cont.

- Designed to fit our 152 series connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each			
				1	10	100	500
Plastic Hoods with Side Outlets							
152-6109	E	DB9	Plastic hood with side outlet	1.79	1.50	1.37	1.25
152-6115	E	DB15	Plastic hood with side outlet	1.83	1.57	1.43	1.30
152-6125	E	DB25	Plastic hood with side outlet	1.84	1.64	1.54	1.40
152-6137	E	DB37	Plastic hood with side outlet	1.89	1.69	1.63	1.36
152-6150	E	DB50	Plastic hood with side outlet	1.92	1.76	1.69	1.40
Lockable Hood							
152-1025	F	DB25	Lockable hood	2.86	2.71	2.64	2.54
Plastic Hoods with Lockable Screws							
152-6209	G	DB9	Plastic hood w/lockable screws	2.24	1.87	1.70	1.54
152-6215	G	DB15	Plastic hood w/lockable screws	2.72	2.27	2.06	1.88
152-6225	G	DB25	Plastic hood w/lockable screws	2.74	2.29	2.08	1.89
152-6250	G	DB50	Plastic hood w/lockable screws	3.18	2.65	2.41	2.19
Shielded Hoods with Lockable Screws							
152-4009	G	DB9	Shielded hood w/lockable screws	3.46	2.88	2.62	2.38
152-4015	G	DB15	Shielded hood w/lockable screws	3.96	3.30	3.00	2.73
152-4025	G	DB25	Shielded hood w/lockable screws	4.00	3.33	3.03	2.76
152-4037	G	DB37	Shielded hood w/lockable screws	5.44	4.54	4.12	3.75
152-4050	G	DB50	Shielded hood w/lockable screws	5.69	4.75	4.32	3.92

HARDWARE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
152-0003	B	Locking clamp spring	.36	.29	.27	.25
152-0004	B	Locking clamp block	.37	.18	.16	.15

STANDARD RELIABILITY HOODS

- Designed to fit our 152 and 156 series connectors
- Straight cable exit
- Complete with screw, retainer, and side screws.

For quantities greater than listed, call for quote.

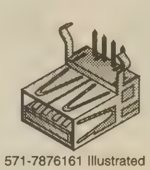
MOUSER STOCK NO.	Fig.	Shell Size	Description	Price Each			
				1	10	100	500
Low Cost Locking Hoods • Plastic							
156-2009	H	DB9	Plastic locking hood	.65	.50	.45	.41
156-2010	H	DB9	Black plastic locking hood	.65	.50	.45	.41
156-2015	I	DB15	Plastic locking hood	.65	.50	.45	.41
156-2025	I	DB25	Plastic locking hood	.65	.50	.45	.41
Metallized Plastic Hoods • RFI/EMI shielded • Nickel over copper plating							
156-3009	H	DB9	Plastic metallized locking hood	1.09	.91	.83	.75
156-3015	I	DB15	Plastic metallized locking hood	1.21	1.01	.92	.84
156-3025	I	DB25	Plastic metallized locking hood	1.21	1.01	.92	.84
156-3037	I	DB37	Plastic metallized locking hood	2.05	1.71	1.55	1.41
Metal Locking Hoods • All metal, RFI/EMI shielded • Clear zinc chromeate finish							
156-4109	J	DB9	Metal locking hood	2.38	1.98	1.80	1.64
156-4115	J	DB15	Metal locking hood	2.99	2.51	2.28	2.07
156-4125	J	DB25	Metal locking hood	3.59	2.76	2.51	2.28

USB and IEEE 1394 Connectors, D-Sub Connectors, and Adapters

tyco Electronics AMP UNIVERSAL SERIAL BUS RECEPTACLES

Specifications:

- Receptacle housing: UL 94V-0 rated thermoplastic, natural color
- Shells: copper alloy, plated bright tin
- Plug contacts: brass, plated gold over palladium nickel
- Voltage rating: 30VAC (rms)
- Current rating: Signal application only, 1A per contact
- Temperature rating: -55°C to 85°C (unless limited by cable or overmold)



571-7876161 Illustrated

Features:

- Plug and play capability
- Consolidates serial parallel, keyboard, mouse, and game ports
- Compatible with asynchronous and isochronous data transfer methods
- Compatible with Windows '95 and Windows NT operating systems
- Hot pluggable, permits attaching or detaching peripherals without power down or reboot

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each			
		1	25	100	500
571-7876161	Series A, 4-position right-angle thru-hole	.64	.61	.58	.50
571-7876171	Series A, stacked 4-pos. rt. ang. thru-hole	1.01	.97	.92	.78
571-7877801	Series B, 4-position right-angle thru-hole	.79	.76	.72	.61

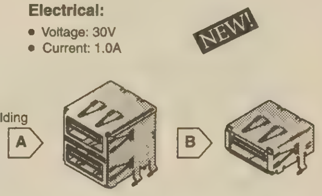
molex UNIVERSAL SERIAL BUS (USB) RECEPTACLES

Features:

- Leaf-style contacts provide position polarization
- Metal shell provides RFI/EMI protection
- Staked-housing provides excellent solder-tail alignment facilitating PCB mounting
- Top cantilever beams for plug locking
- Dual side cantilever beams for grounding and EMI/RFI shielding
- Kinked boardlocks provide strong board retention

Electrical:

- Voltage: 30V
- Current: 1.0A



Physical:

- Housing: thermoplastic, UL94V-0
- Contact: phosphor bronze
- Metal shell: copper alloy
- Plating (contacts): gold flash over palladium nickel; tin/lead on solder tails
- Temperature: 0° to 40°C (operating)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
538-87525-0001	A	Series A, stacked 4-position thru-hole, beige	1.19	1.14	1.09
538-87531-0001	B	Series A, single 4-position thru-hole, beige	.88	.83	.80
538-87531-0018	B	Series A, single 4-position thru-hole, black	.88	.83	.80

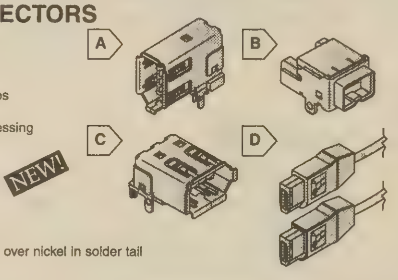
molex IEEE 1394 CONNECTORS

Features:

- Provides the interface for speeds up to 400 mbps
- Full metal shielding for ESD protection
- High temperature plastic housing for SMT processing

Specifications:

- Shielded
- Current max: 1.5A
- Voltage max: 40V
- Housing: black glass-filled 4/6 nylon, UL 94V-0
- Contact: brass
- Plating: gold over nickel in contact area; tin/lead over nickel in solder tail
- Temperature range: -40°C to +85°C



Receptacles

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
538-53460-0611	A	6-position thru-hole, 2.0mm pitch, black	2.93	2.62	2.31
538-54030-0490	B	4-position thru-hole, .80mm pitch, black	1.83	1.64	1.44
538-53462-0611	C	6-position surface mount, 2.0mm pitch, black	2.75	2.46	2.17

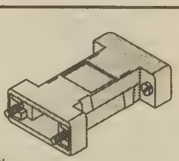
Cable Assemblies

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
538-59233-0000	D	6-6 plug, 0.7 meter length, black	9.61	8.60	7.59
538-59233-0001	D	6-6 plug, 2.0 meter length, black	13.38	11.97	10.56
538-59233-0102	D	6-6 plug, 4.5 meter length, black	20.00	17.95	15.84
538-59233-3001	D	4-6 plug, 2.0 meter length, black	54.29	48.58	42.86

D-SUB CUSTOM ADAPTER HOUSING

A two-piece plastic housing designed for custom applications requiring the use of two D-sub connectors. Applications include custom jumper boxes, null modems, and interconnects. Three configurations are available: DB9 to DB9, DB9 to DB25, and DB25 to DB25.
Connectors are not included.



- All plastic construction
- Connector screws included
- Snap together assembly

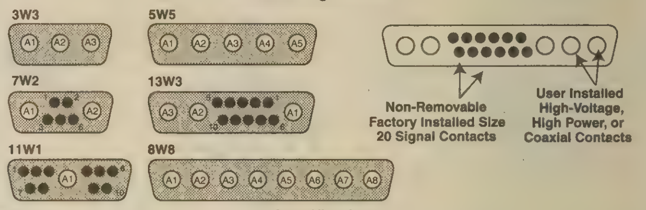
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Description	Price Each			
			1	10	100	1000
157-4001	Black	DB9 / DB9 housing	1.10	.85	.76	.69
157-4002	Gray	DB9 / DB25 housing	1.10	.85	.76	.69
157-4000	Black	DB25 / DB25 housing	1.10	.85	.76	.69
157-4003	Gray	DB25 / DB25 housing	1.10	.85	.76	.69

D-SUB MIXED CONTACT CONNECTOR HOUSINGS

These D-subminiature connectors have added the versatility and convenience of mixed contact arrangements. This allows coaxial and/or power contacts to be combined with standard signal contacts in a single housing. These connectors have non-removable, size 20 signal contacts. They are available in five contact configurations, male and female, and three shell sizes. To order, select the shell size and contact arrangement that best suits your application from the layouts below. Order the optional 50Ω or 75Ω coaxial contacts for your high speed data or the high voltage or high power contacts for your power requirements. Combinations can be created using all three contacts resulting in a custom designed connector unique to your application.

Contact Arrangements


3W3
A1 A2 A3
5W5
A1 A2 A3 A4 A5
7W2
A1 A2
13W3
A3 A2 A1
11W1
A1
8W8
A1 A2 A3 A4 A5 A6 A7 A8
Non-Removable Factory Installed Size 20 Signal Contacts
User Installed High-Voltage, High Power, or Coaxial Contacts

Features:

- Standard D-sub shell
- Housings plug with grounding indents
- Non-removable size 20 signal contacts
- Choice of standard signal contacts
- And/or coaxial and/or power contacts

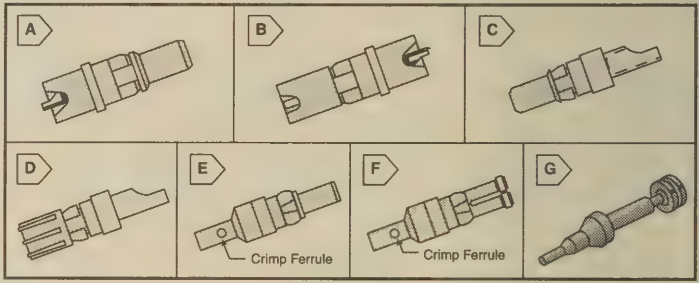
Specifications:

- Flammability rating: UL Rated 94V-0
- Temperature rating: -55°C to +155°C
- Contact / contact resistance: 500MΩ
- Plating: tin

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	D-Sub Shell Size	Description	Contact Arrangement	Price Each		
				1	10	100
152-FM3W3P	15P	Plug	3W3	1.37	1.14	1.03
152-FM3W3S	15S	Socket	3W3	1.32	1.10	1.00
152-FM7W2P	15P	Plug	7W2	2.68	2.23	2.02
152-FM7W2S	15S	Socket	7W2	3.06	2.55	2.32
152-FM11W1P	15P	Plug	11W1	3.76	3.13	2.84
152-FM11W1S	15S	Socket	11W1	4.18	3.80	3.46
152-FM5W5P	25P	Plug	5W5	1.32	1.10	1.00
152-FM5W5S	25S	Socket	5W5	1.34	1.12	1.02
152-FM13W3P	25P	Plug	13W3	3.77	3.14	2.86
152-FM13W3S	25S	Socket	13W3	4.64	3.87	3.52
152-FM8W8P	37P	Plug	8W8	2.00	1.67	1.52
152-FM8W8S	37S	Socket	8W8	2.57	2.13	1.56

D-SUB HOUSING CONTACTS



High Voltage

- Breakdown voltage: 3800V
- Contact resistance: <3mΩ
- Current rating: 1.5A max.
- For 20AWG wire
- Operating voltage: 2800V
- Temperature range: -55°C to +125°C
- Plating: 100% coverage, 1.3 micron gold over nickel

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
152-FMV1	A	Plug, solder cup	2.81	2.34	2.13	1.94
152-FMV3	B	Receptacle contact	2.75	2.29	2.08	1.89

High Power

- Contact resistance: 1.5mΩ max.
- Current rating: 20A
- Temperature range: -55°C to +125°C
- For 12AWG wire
- Solder cup termination
- Plating: contact area: 1.3 micron gold over nickel termination area: 3 micron gold over nickel

For quantities greater than listed, call for quote.

152-FMP120	C	Plug contact	1.72	1.43	1.30	1.18
152-FMP320	D	Receptacle contact	2.26	1.88	1.71	1.55

Coaxial

- Contact resistance: inner conductor <6mΩ; outer conductor <3mΩ
- Current rating: 1.5A max.
- Crimped ferrule termination
- Temperature range: -65°C to +165°C
- Plating: inner conductor- 100% 1.3 micron gold over nickel; outer conductor- contact area .8 micron gold over nickel; ferrule- .3 micron gold over nickel
- Impedance: 50Ω or 75Ω
- 50Ω contacts fit RG cable types: 174U, 188AU, 316U
- 75Ω contacts fit RG cable types: 179BU, 187AU

For quantities greater than listed, call for quote.

152-FMX1067	E	Plug contact, 50Ω	3.31	2.76	2.51	2.28
152-FMX3067	F	Receptacle contact, 50Ω	3.86	3.22	2.93	2.71
152-FMX003P	E	Plug contact, 75Ω	3.86	3.22	2.93	2.71
152-FMX003S	F	Receptacle contact, 75Ω	3.86	3.22	2.93	2.71

Contact Extraction Tool

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
152-DRK38	G	For coaxial, high voltage, and high power	97.30

IDC, Computer, and Card Edge Connectors

AMP-LATCH NOVO CONNECTORS

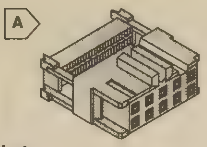
eatures:

- Mates with .025" square or round pin, .245" max. post length
- IDC for fast, economical mass termination
- Tuning fork contact offers a military approved design at an economical cost

Specifications:

- Current rating: 1A per contact max.
- Insulation resistance: 5000MΩ min.
- Termination resistance: 15mΩ max.
- Operating temperature range: -65°C to +105°C

A



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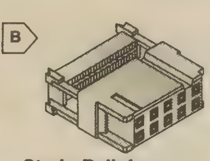

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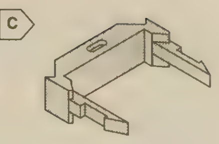


enter / Military Polarized IDC Sockets

MOUSER STOCK NO.	Fig.	Position	Price Each		
			1	100	500
571-7462851	A	10	.52	.49	.46
571-7462852	A	14	.76	.72	.67
571-7462853	A	16	.80	.75	.70
571-7462854	A	20	.84	.79	.74
571-1119185	A	24	.64	.60	.57
571-7462856	A	26	1.04	.98	.92
571-7462857	A	30	1.17	1.02	.905
571-7462858	A	34	1.16	1.09	1.02
571-7462859	A	40	1.28	1.21	1.13
571-17462851	A	60	2.02	1.89	1.77

Military Polarized IDC Sockets

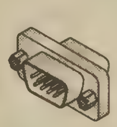
MOUSER STOCK NO.	Fig.	Position	Price Each		
			1	100	500
571-4999971	B	10	.52	.49	.46
571-4999972	B	14	.76	.72	.67
571-4999973	B	16	.80	.75	.70
571-4999974	B	20	1.34	1.26	1.18
571-1119175	B	24	.64	.60	.57
571-4999976	B	26	1.04	.98	.92
571-4999977	B	30	1.16	1.09	1.02
571-4999978	B	34	1.35	1.17	1.02
571-4999979	B	40	1.28	1.21	1.13
571-14999970	B	50	1.56	1.47	1.37
571-11119171	B	60	1.27	1.19	1.12

Strain Reliefs

MOUSER STOCK NO.	Fig.	Position	Price Each		
			1	100	500
571-4992525	C	10	.12	.10	.09
571-4992529	C	14	.12	.10	.09
571-4992528	C	16	.12	.10	.09
571-4992522	C	20	.12	.10	.09
571-14992520	C	24	.14	.12	.11
571-4992523	C	26	.14	.12	.11
571-14992522	C	30	.14	.12	.11
571-4992526	C	34	.14	.12	.12
571-4992521	C	40	.17	.14	.12
571-4992524	C	50	.19	.16	.15
571-4992527	C	60	.21	.18	.16

OW PROFILE GENDER CHANGERS

- Fully shielded
- Ideal where space is critical



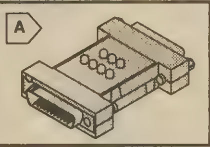
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Contacts	Type	Price Each		
			1	10	100
556-C300	9	Male/male	2.99	2.49	2.26
556-C302	9	Female/female	2.99	2.49	2.26
556-C304	15	Male/male	3.15	2.86	2.60
556-C306	15	Female/female	3.15	2.86	2.60
556-C308	25	Male/male	3.33	3.03	2.76
556-C310	25	Female/female	3.33	3.03	2.76

COMPUTER ACCESSORIES

- Standard null modem most commonly used
- Mini-tester quickly determines if trouble is emanating from the cable or the equipment
- Standard DB25 housing

A



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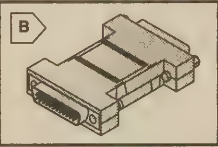

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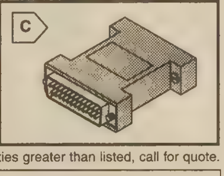
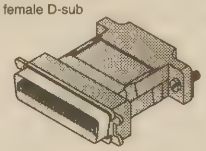


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	50
157-4040	A	Mini-tester with 7 LED's M/F	14.37	13.07	11.88	10.80
157-4050	B	Null modem, male/female	7.31	6.12	5.56	5.06
157-4020	C	Jumper box male / male	6.56	5.96	5.42	4.93
157-4021	C	Jumper box male / female	6.72	6.11	5.56	5.05
157-4022	C	Jumper box female / female	6.89	6.26	5.69	5.18
157-4030	C	RS232 surge protector	12.79	11.63	10.57	9.61

CENTRONICS TYPE 25 PIN D-SUB PORT ADAPTER, IBM

- 36 pin male Centronics 25 pin female D-sub



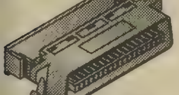
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	10	25
524-45-598	9.02	8.12	7.85

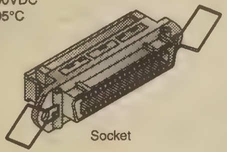
ARALLEL INTERFACE CONNECTORS

eatures:

- Insulated material: reinforced thermoplastic UL rated 94V-0
- Contact material: phosphor bronze
- Contact plating: gold over nickel
- Current rating: 1A
- Insulator resistance: 10GΩ @ 500VDC
- Temperature rating: -55°C to +105°C



Plug



Socket

For quantities greater than listed, call for quote.

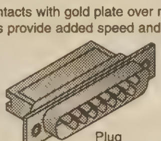
MOUSER STOCK NO.	Type	No. of Pins	Price Each			
			1	10	100	500
155-3036	Plug	36	2.61	2.18	1.98	1.80
155-4360	Socket	36	2.61	2.18	1.98	1.80

IDC FLAT CABLE D-SUB CONNECTORS

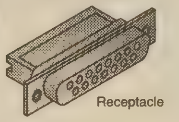
Phosphor bronze contacts with gold plate over nickel, insulation displacement D-Subs provide added speed and convenience of mass termination.

Features:

- Metal shell
- Standard .050 pitch



Plug



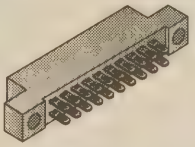
Receptacle

MOUSER STOCK NO.	Type	No. of Contacts	Price Each		
			1	10	100
156-1609	Plug	9	2.37	2.24	1.80
156-1615	Plug	15	3.05	2.87	2.39
156-1625	Plug	25	3.30	3.10	2.96
156-1637	Plug	37	4.69	4.43	4.21
156-1709	Receptacle	9	2.18	2.06	1.96
156-1715	Receptacle	15	2.71	2.55	2.37
156-1725	Receptacle	25	3.44	3.13	2.85
156-2737	Receptacle	37	3.59	3.27	2.97

DUAL READOUT CARD EDGE CONNECTORS

Features:

- Bifurcated contact
- UL 94V-0 insulator
- For discrete wiring
- Gold plated
- .156" center spacing



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Pin Configuration	Price Each			
		1	10	100	500
15PC001	2 x 10	4.40	3.36	3.08	2.75
15PC002	2 x 15	5.24	4.40	3.67	3.28
15PC005	2 x 22	5.39	4.49	4.09	3.69

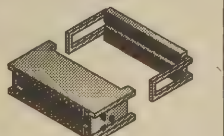
DC CARD EDGE CONNECTORS

eatures:

- Mass termination
- No soldering
- Gold contacts
- Strain relief

pecifications:

- Current rating: 1A
- Insulation resistance: 1000MΩ
- Breakdown voltage: 500V / 1 minute
- IDC wire size: 28AWG / .050" spacing



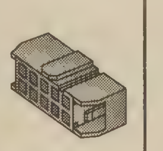
UL 94V-0

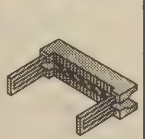
For quantities greater than listed, call for quote.

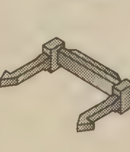
MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
151-1020	20	.89	.69	.63	.57
151-1326	26	1.19	.99	.90	.82
151-1734	34	.96	.74	.67	.61
151-2040	40	1.73	1.49	1.31	1.19
151-2550	50	1.91	1.59	1.45	1.32

IDC SOCKET CONNECTOR WITH STRAIN RELIEF

- .100" spacing
- Rating: 1A
- Gold over nickel plating in contact area







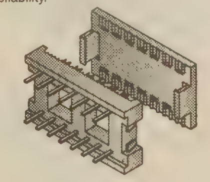
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Contacts	Price Each			
		1	10	100	500
164-9006	10	.34	.32	.30	.29
164-9007	14	.50	.46	.45	.43
164-9008	16	.56	.51	.48	.46
164-9001	20	.67	.64	.59	.53
164-9010	24	.78	.71	.68	.62
164-9002	26	.84	.77	.73	.66
164-9003	34	1.06	1.01	.92	.73
164-9004	40	1.23	1.13	1.04	.82
164-9005	50	1.51	1.43	1.30	1.04
164-9009	60	1.79	1.71	1.58	1.44
164-9011	64	2.22	2.01	1.81	1.67

IDC DIP FLAT CABLE PLUGS

DIP plug connectors are ideal for board-to-board or MPU emulation. Ribbed and grooved for positive cable positioning. They provide a low cost interconnect with excellent contact reliability.

- IDC mass termination
- Gold plated contacts
- Mates with .050" flat cable



- Current rating: 1A
- Insulation resistance: 10^{10} Ω
- Breakdown voltage: 500VDC
- Temperature rating: -55°C to +105°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Contacts	Pin Spacing (In.)	Price Each		
			1	10	100
151-2P14	14	.100 x .300	.77	.59	.54
151-2P16	16	.100 x .300	.83	.64	.58
151-2P40	40	.100 x .600	1.44	1.20	1.09

CA NANOFLEX™ IDC High Density Connectors

NANOFLEX is the new standard for high density IDC interconnect systems. It offers the proven reliability and the economy of mass termination while reducing the occupied space to half the size. NANOFLEX reliably connects up to 100 positions utilizing .025" conductor center ribbon cable.

Mechanical Specifications:

- UL recognized
- Insulator material: glass filled polyester, blue, UL94V-0
- Contact material: cable mount (NFS & NFT)-beryllium copper board mount (NFH, NFHL ,& NFVS)-phosphor bronze
- Contact plating: cable mount (NFS)-12μIN gold board mount (NFH, NFHL ,& NFVS)-contact area-12μIN gold/tail area-100μIN tin/lead
- Recommended wire size: 30AWG .025 center ribbon cable (where applicable)

Electrical Specifications:

- Current rating: 0.5A
- Voltage rating: 500VAC (1 minute)
- Insulator resistance: >1000MΩ
- Contact resistance: 20MΩ (where applicable)

IDC Socket

- Terminates to .025" center cable
- .050" x .100" contact grid

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	250
544-26NFS-12G	A	26	3.19	2.86	2.60	2.43
544-34NFS-12G	A	34	3.79	3.44	3.13	2.92
544-40NFS-12G	A	40	4.49	3.94	3.58	3.34
544-50NFS-12G	A	50	5.29	4.71	4.28	3.99
544-60NFS-12G	A	60	6.29	5.56	5.05	4.71
544-80NFS-12G	A	80	8.19	7.24	6.58	6.14
544-100NFS-12G	A	100	10.29	9.13	8.30	7.75

Strain Relief

- For use with IDC Socket (above)
- Not illustrated

For quantities greater than listed, call for quote.

544-CA-SR26NFS	- - -	26	.24	.21	.19	.18
544-CA-SR34NFS	- - -	34	.27	.24	.22	.21
544-CA-SR40NFS	- - -	40	.32	.29	.22	.19
544-CA-SR60NFS	- - -	60	.31	.28	.25	.23
544-CA-SR80NFS	- - -	80	.95	.87	.64	.59
544-CA-SR100NFS	- - -	100	.67	.61	.44	.41

Shrouded Header

- 4 row .050" x .075" staggered PCB grid
- .050" x .100" contact grid

For quantities greater than listed, call for quote.

544-26NFH-12GT	B	26	2.92	2.60	2.36	2.21
544-34NFH-12GT	B	34	3.29	2.89	2.63	2.45
544-40NFH-12GT	B	40	3.48	3.09	2.81	2.63
544-50NFH-12GT	B	50	3.89	3.47	3.15	2.94
544-60NFH-12GT	B	60	4.59	4.08	3.71	3.47
544-80NFH-12GT	B	80	5.69	5.20	4.73	4.41
544-100NFH-12GT	B	100	7.29	6.48	5.89	5.50

Low Profile Box Header

- 4 row .050" x .075" staggered PCB grid
- .050" x .100" contact grid

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	250
544-26NFHL-12GT	C	26	1.89	1.69	1.54	1.44
544-34NFHL-12GT	C	34	2.29	2.02	1.84	1.72
544-50NFHL-12GT	C	50	2.99	2.60	2.36	2.21
544-60NFHL-12GT	C	60	3.69	3.22	2.93	2.73
544-80NFHL-12GT	C	80	5.04	4.44	4.04	3.63

IDC Transition Plug

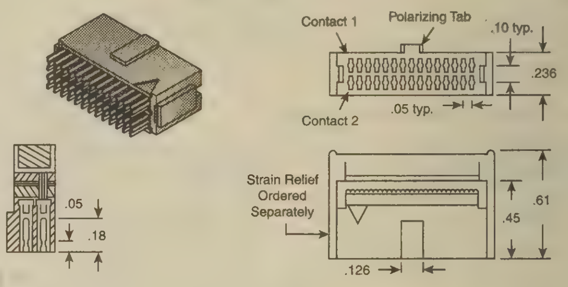
- Terminates to 30AWG .025" ribbon cable
- 100μ in tin plated contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Positions	Price Each			
			1	25	100	250
544-34NFT-1T	D	34	4.99	4.39	3.99	3.72
544-100NFT-1T	D	100	12.92	11.48	10.44	9.74

DIMENSIONS (IN.)

A



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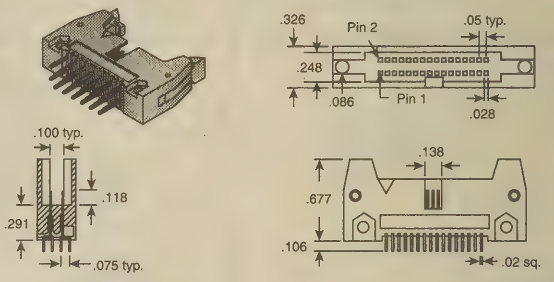

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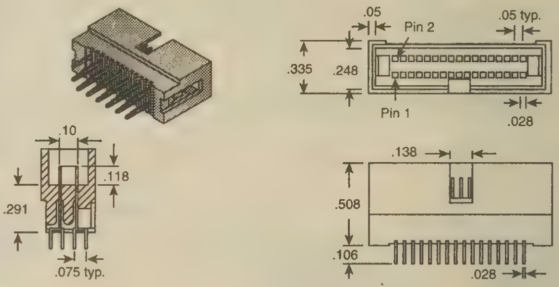

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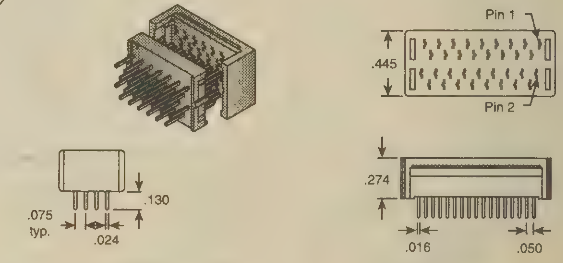


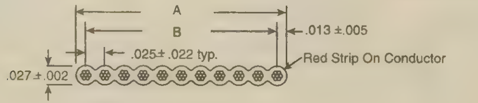
NANOFLEX™ HI-DENSITY CABLE

Mechanical Specifications:

- Conductor: 30AWG, 7/38
- Insulator: PVC gray

Electrical Specifications:

- Voltage rating: 30V
- Impedance: 75Ω
- Temperature rating: 105°C



By the Foot

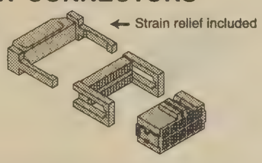
MOUSER STOCK NO.	No. of Positions	Dimensions (In.)		Price Per Foot	
		A	B	1	25
544-50NFC/FT	50	1.25	1.225	1.46	1.33
544-60NFC/FT	60	1.50	1.475	1.74	1.58
544-80NFC/FT	80	2.00	1.975	2.80	2.55

3M SCOTCHFLEX® Flat Cable Connectors / Accessories

SCOTCHFLEX® ECONOMY SOCKET CONNECTORS

Features:
- Will accommodate 26-28AWG stranded
- Will accept 30AWG solid
- Center-bumped polarizing

Specifications:
- Current rating: 1A
- Withstand voltage: 1000VRMS
- Material: phosphor bronze

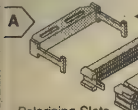


MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-8910	10	.44	.41	.37
517-8914	14	.56	.52	.48
517-8916	16	.64	.59	.54
517-8920	20	.76	.70	.65
517-8924	24	.84	.78	.71
517-8926	26	.94	.87	.80

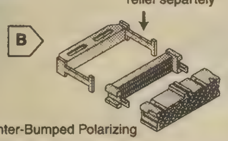
MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-8930	30	1.02	.84	.87
517-8934	34	1.20	1.11	1.02
517-8940	40	1.38	1.28	1.17
517-8950	50	1.70	1.57	1.45
517-8960	60	2.14	1.98	1.82

SOCKET CONNECTORS

Specifications:
- Current rating: 1A
- Material: copper alloy
- Withstand voltage: 1000Vrms



Polarizing Slots



Center-Bumped Polarizing

Polarizing Slots (6000 Series)

(Open-Ended for Daisy Chaining) Fig. A

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-3473-6000	10	1.86	1.72	1.53
517-3385-6000	14	2.26	2.09	1.86
517-3452-6000	16	2.46	2.28	2.03
517-3421-6000	20	2.72	2.52	2.24
517-3626-6000	24	3.26	3.02	2.69
517-3399-6000	26	3.52	3.26	2.90
517-3419-6000	30	4.04	3.74	3.33
517-3414-6000	34	4.58	4.24	3.78
517-3417-6000	40	5.38	4.98	4.44
517-3425-6000	50	6.72	6.22	5.54

Center-Bumped Polarizing (6600 Series)

(Open-Ended for Daisy Chaining) Fig. B

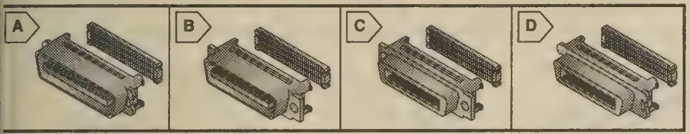
MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-3473-6600	10	2.20	2.04	1.82
517-3385-6600	14	2.26	2.09	1.86
517-3452-6600	16	2.46	2.28	2.03
517-3421-6600	20	2.72	2.52	2.24
517-3626-6600	24	3.26	3.02	2.69
517-3399-6600	26	3.52	3.26	2.90
517-3419-6600	30	4.04	3.74	3.33
517-3414-6600	34	4.58	4.24	3.78
517-3417-6600	40	5.38	4.98	4.44
517-3425-6600	50	6.72	6.22	5.54

Center-Bumped Polarizing (7600 Series)

(Closed-Ended for Line Termination) Fig. B

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-3473-7600	10	1.98	1.83	1.63
517-3385-7600	14	2.48	2.29	2.05
517-3452-7600	16	2.60	2.41	2.15
517-3421-7600	20	2.86	2.65	2.36
517-3626-7600	24	3.45	3.07	2.74
517-3399-7600	26	3.70	3.42	3.05
517-3419-7600	30	4.24	3.92	3.50
517-3414-7600	34	4.78	4.42	3.94
517-3417-7600	40	5.60	5.18	4.62
517-3425-7600	50	6.98	6.46	5.76

D RIBBON CONNECTORS (CENTRONICS-TYPE)



- 1000: **For front panel mount** with -1002 using 517-3342-3 screw mount kit or 517-3341-2 jack socket kit or -1001 using 517-3475-1 bail mount kit. **Rear panel mount** with -1001 using 517-3475-2 bail mount kit.
- 1001: **For front panel mount** with -1000 using 517-3475-1 bail mount kit.
  For rear panel mount with -1001 using 517-3475-4 bail mount kit.
- 1002: **For front panel mount** with -1000 using 517-3342-3 screw mount kit or 517-3341-2 jack socket kit.
  For rear panel mount with -1002 using 517-3341-1L jack socket kit.

Specifications: • Current rating: 1A • Withstand voltage: 1000V • Temperature rating: -55°C to +105°C

Plugs

• 3 mounting styles

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
517-3366-1001	A	36 contact with bail mount ears	6.48	5.99	5.51	5.02

Receptacles

• 3 mounting styles

517-3367-1000	C	36 contact without threaded insert	6.18	5.72	5.25	4.79

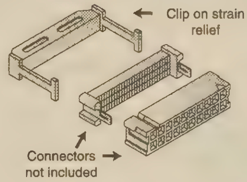
Mounting Kits

MOUSER STOCK NO.	Description	Price Each	
		1	5
517-3475-1	Front mount bail mount kit	1.32	1.22
517-3475-4	Rear mount bail mount kit	.99	.92
517-3341-1L	Rear mount jack socket kit	1.70	1.57
517-3341-2	Front mount jack socket kit	1.54	1.42
517-3342-3	Front mount screw mount kit	.76	.70

CLIP ON STRAIN RELIEF

Strain relief for 6000, 6600, and 7600 series Scotchflex socket connectors

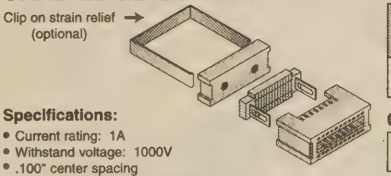
MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-3448-3010	10	.25	.23	.21
517-3448-3014	14	.25	.23	.21
517-3448-3016	16	.25	.23	.21
517-3448-3020	20	.25	.23	.21
517-3448-3024	24	.25	.23	.21
517-3448-3026	26	.25	.23	.21
517-3448-3030	30	.29	.26	.24
517-3448-3034	34	.29	.26	.24
517-3448-3040	40	.29	.26	.24
517-3448-3050	50	.29	.26	.24



Clip On Strain Relief For D-Ribbon Connectors (Centronics-Type)

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-3448-62	36	.42	.39	.36
517-3448-63	50	.46	.43	.39

CARD EDGE CONNECTORS



Specifications:
- Current rating: 1A
- Withstand voltage: 1000V
- .100" center spacing

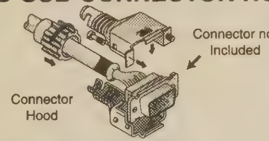
MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-3462-0001	26	5.26	4.87	4.47
517-3463-0001	34	6.12	5.66	5.20

Clip On Strain Relief

517-3448-55	26	.98	.91	.83
517-3448-57	40	.98	.91	.83

D-SUB CONNECTOR HOODS

Features:
- Nickel plated steel shell
- EMI/ESD protection
- Flammability rating: UL94V-0



MOUSER STOCK NO.	Use With Size	Price Each		
		1	25	50
517-3357-9209	9 pin	3.00	2.78	2.55
517-3357-9215	15 pin	3.20	2.96	2.72
517-3357-9225	25 pin	4.40	4.07	3.74
517-3357-9237	37 pin	6.20	5.74	5.27

D-SUB CONNECTORS

Specifications:
- Current rating: 1A
- Withstand voltage: 1000V
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0
- Contact Material: copper alloy
- Wiping area: 30µ" gold

LR40971

E68080

Plugs Fig. A

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
Thru Hole Mount				
517-8209-6000	9	4.82	4.46	4.10
517-8215-6000	15	5.48	5.07	4.66
517-8225-6000	25	6.22	5.75	5.29
517-8237-6000	37	8.04	7.44	6.83

Plugs (cont.) Fig. A

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
4-40 Threaded Insert Mount				
517-8209-6003	9	5.90	5.46	5.02
517-8215-6003	15	6.56	6.07	5.58
517-8225-6003	25	7.08	6.55	6.02
517-8237-6003	37	8.78	8.12	7.46

Receptacles Fig. B

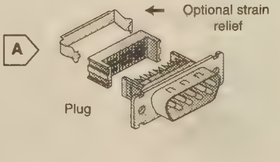
Thru Hole Mount				
517-8309-6000	9	4.94	4.57	4.20
517-8315-6000	15	5.68	5.25	4.83
517-8325-6000	25	6.32	5.85	5.37
517-8337-6000	37	8.16	7.55	6.94

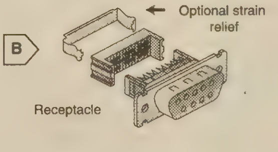
Receptacles (cont.) Fig. B

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
4-40 Threaded Insert Mount				
517-8309-6003	9	6.02	5.57	5.12
517-8315-6003	15	6.76	6.25	5.75
517-8325-6003	25	7.18	6.64	6.10
517-8337-6003	37	8.78	8.12	7.46

Optional Strain Relief

517-3448-8D09A	9	.24	.22	.20
517-3448-8D15A	15	.24	.22	.20
517-3448-8D25A	25	.24	.22	.20
517-3448-8D37A	37	.24	.22	.20





SCOTCHFLEX® ECONOMY D-SUB CONNECTORS

Specifications:
- Current rating: 1A
- Withstand voltage: 1000V
- Temperature rating: -55°C to +105°C
- Flammability rating: UL94V-0
- Contact Material: phosphor bronze
- Wiping area: 15µ" gold
- Pre-assembled, one-piece body

LR40971

E68080

Plugs Fig. A

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-9009	9	2.62	2.42	2.23
517-9015	15	3.38	3.13	2.87
517-9025	25	3.66	3.39	3.11
517-9037	37	4.96	4.54	4.22

Receptacles Fig. B

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-8909	9	2.42	2.24	2.06
517-8915	15	3.00	2.78	2.55
517-8925	25	3.28	3.03	2.79
517-8937	37	4.44	4.11	3.77

Optional Strain Relief

MOUSER STOCK NO.	No. of Cont.	Price Each		
		1	25	50
517-3448-8D09A	9	.24	.22	.20
517-3448-8D15A	15	.24	.22	.20
517-3448-8D25A	25	.24	.22	.20
517-3448-8D37A	37	.24	.22	.20

.050" BOARD MOUNT INTERCONNECTS AND SOCKETS

Features:

- .050" x .050" spacing
- Low profile
- Plating: gold, 30µ inch
- Thru-hole mounting

E68080

Pin Strip Headers

- Material: UL94V-0 nylon
- Cuttable strips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pins	Dimensions (In.)			Price Each			
			A	B	C	1	100	500	1000
Straight Headers									
517-2A050-10101HF	A	50	0.118	0.090	- - -	2.75	2.47	2.18	2.03
517-2A0A0-20101HF	B	100	0.118	0.090	- - -	5.51	4.96	4.38	4.09
517-2C050-10101HF	C	50	0.118	0.112	- - -	3.06	2.75	2.43	2.27
517-2C0A0-20101HF	D	100	0.118	0.112	- - -	6.09	5.47	4.83	4.51
Right Angle Headers									
517-2B050-10101HF	E	50	0.150	0.079	0.098	4.31	3.88	3.42	2.28
517-2B0A0-20101HF	F	100	0.150	0.079	0.098	6.59	6.44	6.28	6.12

Shrouded Header

- Material: UL94V-0 nylon

For quantities greater than listed, call for quote.

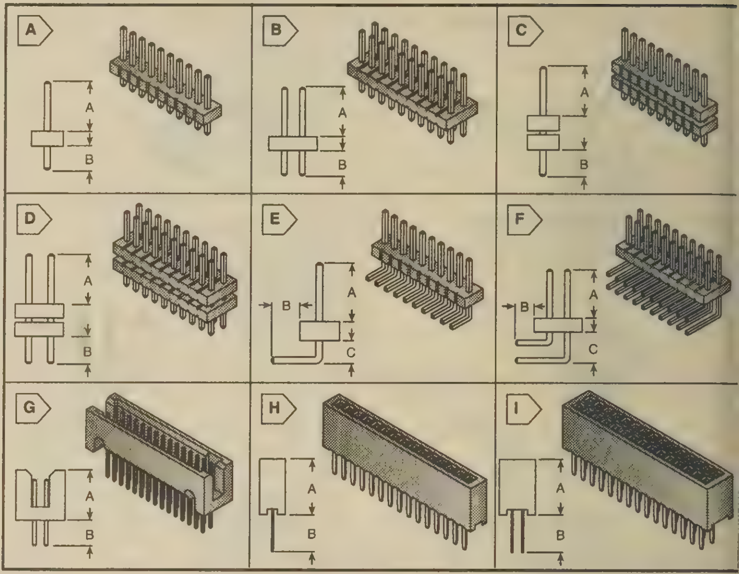
517-2M0A0-20011HF	G	100	0.212	0.112	- - -	5.78	5.20	4.59	4.28

Straight Boardmount Sockets

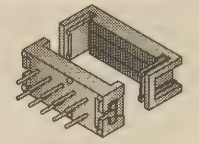
- Material: UL94V-0 LCP

For quantities greater than listed, call for quote.

517-3B050-10001HF	H	50	0.173	0.115	- - -	3.68	3.32	2.93	2.73
517-3B050-10101HF	H	50	0.173	0.059	- - -	3.68	3.32	2.93	2.73
517-3B050-20001HF	I	50	0.173	0.059	- - -	3.68	3.32	2.93	2.73
517-3B0A0-20001HF	I	100	0.173	0.115	- - -	7.36	6.61	5.84	5.45
517-3B0A0-20101HF	I	100	0.173	0.059	- - -	7.36	6.61	5.84	5.45



.100" x .100" 2 ROW PCB CONNECTORS



MOUSER STOCK NO.	No. of Contacts	Body Width (In.)	Price Each			
			1	25	50	100
517-3910-T	10	.70	1.77	1.57	1.40	1.32
517-3914-T	14	.90	2.00	1.78	1.58	1.49
517-3916-T	16	1.00	2.04	1.81	1.62	1.52
517-3920-T	20	1.20	2.12	1.89	1.68	1.58
517-3924-T	24	1.40	2.39	2.13	1.90	1.78
517-3926-T	26	1.50	2.50	2.22	1.98	1.84
517-3930-T	30	1.70	2.70	2.41	2.15	1.97
517-3934-T	34	1.90	2.81	2.50	2.23	2.09
517-3940-T	40	2.20	3.20	2.85	2.54	2.38
517-3950-T	50	2.70	3.74	3.33	2.97	2.79
517-3964-T	64	3.40	4.83	4.29	3.83	3.60

- Fits standard .100" x .100" PCB header layout
- Uses less board area than 4 row designs
- Can be used as transition plug
- Accommodates 26AWG and 28AWG solid or stranded; 30AWG solid .050 flat cable

Specifications:

- Current rating: 1A
- Withstand voltage: 1000V
- Temp. rating: -55°C to +105°C
- Flammability rating: UL94V-0

.100" x .100" 4 WALL HEADERS

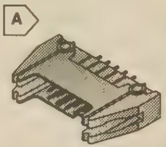
Features:

- Optional ejector latches
- Mounting holes allow mounting header to PC board
- Shrouded to prevent pin damage

Specifications:

- Current rating: 1A
- Withstand voltage: 1000V
- Temp. rating: -55°C to +105°C
- Flammability rating: UL94V-0

A



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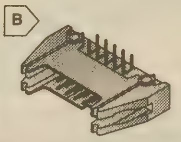

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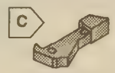

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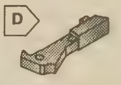


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Body Width (In.)	Price Each			
				1	25	50	100
Straight							
517-3446-6002	A	10	1.26	1.55	1.33	1.22	1.14
517-3314-6002	A	14	1.46	1.71	1.52	1.35	1.27
517-3408-6002	A	16	1.56	1.77	1.57	1.40	1.32
517-3428-6002	A	20	1.76	1.89	1.68	1.50	1.41
517-3627-6002	A	24	1.96	2.18	1.94	1.73	1.63
517-3429-6002	A	26	2.06	2.33	2.07	1.85	1.55
517-3440-6002	A	30	2.26	2.68	2.39	2.13	2.00
517-3431-6002	A	34	2.46	3.02	2.65	2.39	2.25
517-3432-6002	A	40	2.76	3.45	3.07	2.74	2.57
517-3433-6002	A	50	3.26	4.16	3.70	3.30	3.10
517-3372-6002	A	60	3.76	5.12	4.55	4.06	3.81
Right Angle							
517-3793-5002	B	10	1.26	1.54	1.33	1.22	1.14
517-3314-5002	B	14	1.46	1.71	1.52	1.35	1.27
517-3408-5002	B	16	1.56	1.77	1.57	1.40	1.32
517-3428-5002	B	20	1.76	1.98	1.76	1.57	1.47
517-3627-5002	B	24	1.96	2.18	1.94	1.73	1.63
517-3429-5002	B	26	2.06	2.33	2.07	1.85	1.55
517-3431-5002	B	34	2.46	3.02	2.68	2.34	2.25
517-3432-5002	B	40	2.76	3.45	3.07	2.74	2.57
517-3433-5002	B	50	3.26	4.16	3.70	3.30	3.10
517-3372-5002	B	60	3.76	5.12	4.55	4.06	3.81

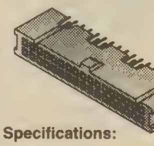
Optional Ejector Latches for Headers

* 2 latches required to make a set.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	For Use With Socket Connector	Price Each	
			1	100
* 517-3505-2	C	Short latch without retainer clip	.10	.08
* 517-3505-3	D	Large latch with retainer clip	.10	.08

.100" x .100" POLARIZED BOARD MOUNT SOCKETS



Features:

- Center bump polarization
- Mates with low profile shrouded headers
- Board retention feature

Specifications:

- Current rating: 1A
- Withstand voltage: 1000V
- Temp. rating: -55°C to +105°C
- Flammability rating: UL94V-0

MOUSER STOCK NO.	No. of Contacts	Body Width (In.)	Price Each			
			1	25	50	100
517-8520-4500	20	1.18	2.95	2.65	2.39	2.15
517-8526-4500	26	1.48	3.36	3.02	2.72	2.50
517-8534-4500	34	1.88	3.84	3.46	3.11	2.80
517-8540-4500	40	2.18	4.55	4.10	3.69	3.32
517-8550-4500	50	2.68	5.44	4.90	4.41	3.97

LOW PROFILE BOX HEADERS

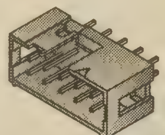
Features:

- Low profile design
- Industry compatible

Specifications:

- Color: gray
- Contact material: 30µ gold over 100µ nickel
- Current rating: 2A
- Withstand voltage: 1000VRMS
- Flammability rating: UL94V-0

A



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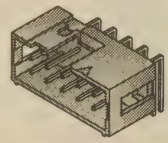

Straight For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Price Each			
			1	25	50	100
517-2510-6002	A	10	1.34	1.22	1.11	1.01
517-2514-6002	A	14	1.38	1.26	1.15	1.05
517-2516-6002	A	16	1.54	1.40	1.27	1.16
517-2520-6002	A	20	1.60	1.46	1.33	1.21
517-2524-6002	A	24	1.68	1.53	1.39	1.26
517-2526-6002	A	26	1.71	1.56	1.42	1.29
517-2530-6002	A	30	1.97	1.79	1.63	1.48
517-2534-6002	A	34	2.05	1.87	1.70	1.55
517-2540-6002	A	40	2.19	1.99	1.81	1.65
517-2550-6002	A	50	2.72	2.47	2.25	2.05
517-2560-6002	A	60	3.27	2.98	2.71	2.47

Right Angle For quantities greater than listed, call for quote.

517-2510-5002	B	10	1.47	1.34	1.22	1.11
517-2514-5002	B	14	1.52	1.38	1.26	1.15
517-2516-5002	B	16	1.69	1.54	1.40	1.27
517-2520-5002	B	20	1.76	1.60	1.46	1.33
517-2524-5002	B	24	1.84	1.67	1.52	1.38
517-2526-5002	B	26	1.87	1.70	1.55	1.41
517-2530-5002	B	30	2.53	2.30	2.09	1.90
517-2534-5002	B	34	2.24	2.04	1.86	1.69
517-2540-5002	B	40	2.41	2.19	1.99	1.81
517-2550-5002	B	50	3.00	2.73	2.48	2.26
517-2560-5002	B	60	3.59	3.27	2.98	2.71

LOW COST LOW PROFILE BOX HEADERS

Specifications:

- Color: black
- Contact material: gold flash over 30µ nickel
- Current rating: 1A
- Withstand voltage: 500VRMS
- Flammability rating: UL94V-0

Straight For quantities greater than listed, call for quote.

517-30310-6002	A	10	.34	.32	.29	.27
517-30314-6002	A	14	.36	.34	.31	.29
517-30316-6002	A	16	.37	.36	.31	.29
517-30320-6002	A	20	.42	.38	.35	.32
517-30326-6002	A	26	.49	.46	.42	.38
517-30334-6002	A	34	.58	.53	.48	.45
517-30340-6002	A	40	.65	.59	.54	.50
517-30350-6002	A	50	.77	.70	.64	.59

Right Angle For quantities greater than listed, call for quote.

517-30310-5002	B	10	.41	.38	.35	.32
517-30314-5002	B	14	.42	.40	.36	.34
517-30316-5002	B	16	.43	.42	.38	.35
517-30320-5002	B	20	.48	.44	.40	.37
517-30326-5002	B	26	.55	.51	.47	.43
517-30334-5002	B	34	.65	.59	.54	.50
517-30340-5002	B	40	.73	.67	.61	.56
517-30350-5002	B	50	.86	.78	.71	.66

3M Pin Strip Headers, Sockets, and Shunts

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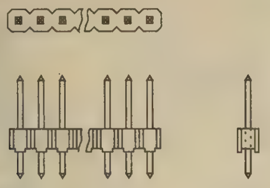

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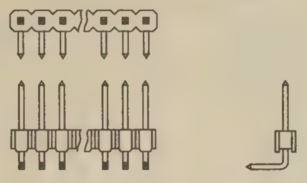

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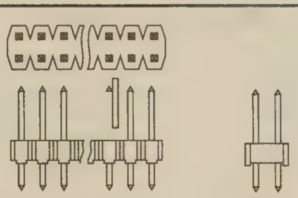

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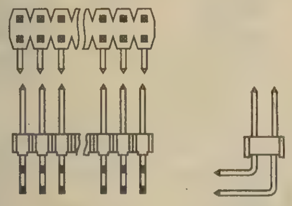

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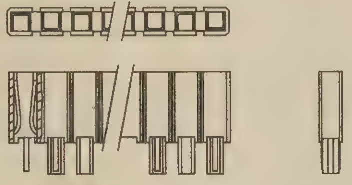

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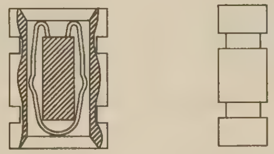


2300 SERIES .100" PIN STRIP HEADERS

Specifications:

Insulator material: glass-filled polyester (PBT) black UL94V-0
Contact material: phosphor bronze
Contact plating: 10µ" gold (TG), gold flash (TN)

- Tail plating: 100µ" tin
- Tail length: .120"

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	3M Type	Pin Mating Length	Contact Plating	Price Each			
					1	100	500	1000
Straight Solder Tail, Single Row, 40 Contact								
517-6111TG	A	2340-6111TG	.230	10µ Gold	.81	.63	.57	.52
517-6111TN	A	2340-6111TN	.230	Gold Flash	.59	.46	.42	.38
517-6211TG	A	2340-6211TG	.318	10µ Gold	.81	.63	.57	.52
Right Angle Solder Tail, Single Row, 40 Contact								
517-5111TG	B	2340-5111TG	.230	10µ Gold	1.06	.82	.74	.67
517-5111TN	B	2340-5111TN	.230	Gold Flash	.77	.60	.54	.49
Straight Solder Tail, Double Row, 80 Contact								
517-6121TG	C	2380-6121TG	.230	10µ Gold	1.65	1.28	1.16	1.05
517-6121TN	C	2380-6121TN	.230	Gold Flash	1.19	.92	.84	.76
517-6221TG	C	2380-6221TG	.318	10µ Gold	1.80	1.39	1.27	1.15
Right Angle Solder Tail, Double Row, 80 Contact								
517-5121TG	D	2380-5121TG	.230	10µ Gold	1.78	1.38	1.26	1.13
517-5121TN	D	2380-5121TN	.230	Gold Flash	1.56	1.21	1.10	.99

929 SERIES .100" PIN STRIP HEADERS

Specifications:

Insulator material: glass-filled polyester (PBT) black UL94V-0
Contact material: copper alloy

- Contact plating: 10µ" gold or 100µ" tin

235" Mating Length Contact Pins

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	3M Type	Tail Length	Contact Plating	Price Each			
					1	100	500	1000
Straight Solder Tail, Single Row, 36 Contact								
517-647-01-36	A	929647-01-36-I	.110	Gold	1.62	1.23	1.08	1.00
517-647-02-36	A	929647-02-36-I	.210	Gold	1.95	1.49	1.30	1.21
517-647-03-36	A	929647-03-36-I	.410	Gold	2.46	1.87	1.64	1.52
517-647-04-36	A	929647-04-36-I	.510	Gold	2.71	2.06	1.81	1.68
517-647-05-36	A	929647-05-36-I	.610	Gold	2.98	2.27	1.99	1.85
517-647-07-36	A	929647-07-36-I	.910	Gold	4.16	3.17	2.77	2.57
517-647-09-36	A	929647-09-36-I	.145	Gold	1.85	1.41	1.23	1.14
517-834-01-36	A	929834-01-36	.110	Tin	.78	.59	.52	.48
517-834-02-36	A	929834-02-36	.210	Tin	1.03	.78	.69	.64
517-834-03-36	A	929834-03-36	.410	Tin	1.09	.83	.73	.68
517-834-04-36	A	929834-04-36	.510	Tin	1.45	1.10	.97	.90
517-834-05-36	A	929834-05-36	.610	Tin	1.22	.93	.81	.75
517-834-07-36	A	929834-07-36	.910	Tin	1.41	1.07	.94	.87
Straight Solder Tail, Double Row, 72 Contact								
517-665-02-36	C	929665-02-36-I	.210	Gold	4.12	3.14	2.74	2.55
517-665-03-36	C	929665-03-36-I	.410	Gold	5.12	3.90	3.42	3.17
517-665-04-36	C	929665-04-36-I	.510	Gold	5.73	4.37	3.82	3.55
517-665-05-36	C	929665-05-36-I	.610	Gold	6.20	4.72	4.13	3.84
517-665-08-36	C	929665-08-36-I	.310	Gold	4.66	3.91	3.73	3.56
517-665-09-36	C	929665-09-36-I	.145	Gold	3.91	2.98	2.60	2.42
517-836-02-36	C	929836-02-36	.210	Tin	2.23	1.70	1.48	1.38
517-836-03-36	C	929836-03-36	.410	Tin	2.37	1.81	1.58	1.47
517-836-04-36	C	929836-04-36	.510	Tin	3.11	2.37	2.07	1.92
517-836-05-36	C	929836-05-36	.610	Tin	2.63	2.00	1.75	1.63
517-836-08-36	C	929836-08-36	.310	Tin	2.27	1.73	1.51	1.40
517-836-09-36	C	929836-09-36	.145	Tin	2.04	1.55	1.36	1.26
Right Angle Solder Tail, Double Row, 72 Contact								
517-667-01-36	D	929667-01-36-I	.110	Gold	4.85	3.70	3.23	3.00
517-667-02-36	D	929667-02-36-I	.405	Gold	6.95	5.30	4.63	4.30
517-667-04-36	D	929667-04-36-I	.145	Gold	5.08	3.87	3.39	3.15
517-838-01-36	D	929838-01-36	.110	Tin	2.18	1.66	1.46	1.35
517-838-02-36	D	929838-02-36	.405	Tin	3.07	2.34	2.04	1.90
517-838-04-36	D	929838-04-36	.145	Tin	2.39	1.82	1.60	1.48

929 SERIES .100" PIN STRIP HEADERS (cont.)

.295" Mating Length Contact Pins

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	3M Type	Tail Length	Contact Plating	Price Each			
					1	100	500	1000
Straight Solder Tail, Single Row, 36 Contact								
517-450-01-36	A	929450-01-36-I	.135	Gold	1.95	1.49	1.30	1.21
517-400-01-36	A	929400-01-36	.135	Tin	.97	.74	.64	.60
Right Angle Solder Tail, Single Row, 36 Contact								
517-550-01-36	B	929550-01-36-I	.135	Gold	2.44	1.86	1.62	1.51
517-500-01-36	B	929500-01-36	.135	Tin	1.05	.80	.70	.65

.318" Mating Length Contact Pins

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	3M Type	Tail Length	Contact Plating	Price Each			
					1	100	500	1000
Straight Solder Tail, Single Row, 36 Contact								
517-705-01-36	A	929705-01-36-I	.110	Gold	1.49	1.30	1.24	1.18
517-705-06-36	A	929705-06-36-I	.710	Gold	2.74	2.38	2.26	2.16
517-705-09-36	A	929705-09-36-I	.145	Gold	1.60	1.40	1.32	1.27
517-705-11-36	A	929705-11-36-I	.125	Gold	1.54	1.34	1.28	1.22
517-700-01-36	A	929700-01-36	.110	Tin	.74	.64	.61	.58
517-700-06-36	A	929700-06-36	.710	Tin	1.09	.95	.90	.86
517-700-11-36	A	929700-11-36	.125	Tin	.75	.66	.63	.60
Straight Solder Tail, Double Row, 72 Contact								
517-715-01-36	C	929715-01-36-I	.110	Gold	4.10	3.12	2.73	2.54
517-715-03-36	C	929715-03-36-I	.410	Gold	5.69	4.34	3.79	3.52
517-715-10-36	C	929715-10-36-I	.175	Gold	4.54	3.46	3.02	2.81
517-710-01-36	C	929710-01-36	.110	Tin	2.12	1.62	1.41	1.31
517-710-03-36	C	929710-03-36	.410	Tin	2.63	2.00	1.75	1.63

929 SERIES .100" PC BOARD MOUNT SOCKETS

Sockets mate with .100 pin header for board stacking applications.

Specifications:

- Insulator material: glass-filled polyester (PBT) black UL94V-0
- Contact material: copper alloy
- Contact plating: 10µ" gold or 100µ" tin
- Tail length: .125"

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	3M Type	Description	Price Each			
				1	100	500	1000
517-850-01-36	E	929850-01-36-10	1 x 36, single row, 36 contact, gold	2.02	1.54	1.38	1.25
517-974-01-36	E	929974-01-36	1 x 36, single row, 36 contact, tin	1.30	.99	.89	.80
517-852-01-36	E	929852-01-36-10	2 x 36, double row, 72 contact, gold	3.54	2.69	2.42	2.19
517-975-01-36	E	929975-01-36	2 x 36, double row, 72 contact, tin	2.16	1.64	1.47	1.33

.100" SHUNTS

Shunts mate with .100" pin headers and provide a reliable method to jumper adjacent circuits. Available in three colors for easy identification.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	3M Type	Description	Price Each			
				1	100	500	1000
517-950-00	F	929950-00	Shunt, copper alloy unplated, black	.10	.09	.08	.07
517-955-06	F	929955-06	Shunt, copper alloy 10µ" gold, blue	.14	.13	.11	.10
517-957-08	F	929957-08	Shunt, copper alloy, 30µ" gold, gray	.18	.16	.14	.13

molex K.K.® Series

.100" TERMINAL HOUSING

- With locking ramp
- 94V-0 nylon

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
538-22-01-3027	A	2	.24	.12	.08	.06
538-22-01-3037	A	3	.36	.18	.12	.09
538-22-01-3047	A	4	.40	.24	.16	.12
538-22-01-3057	A	5	.45	.30	.20	.15
538-22-01-3067	A	6	.54	.36	.23	.19
538-22-01-3077	A	7	.63	.42	.27	.22
538-22-01-3087	A	8	.72	.48	.31	.25
538-22-01-3097	A	9	.74	.54	.35	.28
538-22-01-3107	A	10	.78	.60	.39	.31
538-22-01-3117	A	11	.86	.66	.43	.34
538-22-01-3127	A	12	.94	.72	.47	.38

.100" PCB CONNECTORS

- Tin plated
- 94V-0 nylon

Bottom Entry						
538-22-14-2024	B	2	.38	.25	.16	.13
538-22-14-2034	B	3	.56	.37	.24	.19
538-22-14-2044	B	4	.74	.49	.32	.26
538-22-14-2054	B	5	.81	.62	.40	.32
538-22-14-2064	B	6	.96	.74	.48	.39
538-22-14-2074	B	7	1.12	.86	.56	.45
538-22-14-2084	B	8	1.27	.98	.64	.52
538-22-14-2124	B	12	1.78	1.48	.96	.78
Top Entry						
538-22-02-2025	C	2	.35	.23	.15	.12
538-22-02-2035	C	3	.53	.35	.23	.18
538-22-02-2045	C	4	.71	.47	.30	.24
538-22-02-2055	C	5	.77	.59	.38	.31
538-22-02-2065	C	6	.91	.70	.46	.37
538-22-02-2075	C	7	1.07	.82	.53	.43
538-22-02-2085	C	8	1.22	.94	.61	.49
538-22-02-2095	C	9	1.26	1.05	.69	.55
538-22-02-2105	C	10	1.40	1.17	.76	.61
538-22-02-2115	C	11	1.55	1.29	.84	.68
538-22-02-2125	C	12	1.69	1.41	.91	.74

.100" HEADERS

- .025" square pins
- 94V-0 nylon

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
Straight						
538-22-03-2021	D	2	.30	.15	.10	.08
538-22-03-2031	D	3	.35	.23	.15	.12
538-22-03-2041	D	4	.47	.31	.20	.16
538-22-03-2051	D	5	.59	.39	.25	.20
538-22-03-2061	D	6	.69	.46	.30	.24
538-22-03-2071	D	7	.70	.54	.35	.28
538-22-03-2081	D	8	.71	.55	.36	.28
538-22-03-2091	D	9	.79	.61	.40	.32
538-22-03-2101	D	10	.81	.62	.41	.32
538-22-03-2111	D	11	.88	.68	.44	.35
538-22-03-2121	D	12	.96	.74	.48	.38
Right Angle						
538-22-05-2021	E	2	.34	.17	.11	.09
538-22-05-2031	E	3	.39	.26	.17	.13
538-22-05-2041	E	4	.51	.34	.32	.18
538-22-05-2051	E	5	.65	.43	.28	.22
538-22-05-2061	E	6	.67	.52	.34	.27
538-22-05-2071	E	7	.78	.60	.39	.31
538-22-05-2081	E	8	.90	.69	.45	.36
538-22-05-2091	E	9	1.00	.77	.50	.40
538-22-05-2101	E	10	1.01	.78	.51	.41
538-22-05-2111	E	11	1.12	.86	.56	.45
538-22-05-2121	E	12	1.22	.94	.61	.49
Straight Friction Lock						
538-22-23-2021	F	2	.35	.23	.15	.12
538-22-23-2031	F	3	.53	.35	.23	.18
538-22-23-2041	F	4	.57	.38	.25	.20
538-22-23-2051	F	5	.72	.48	.31	.25
538-22-23-2061	F	6	.74	.50	.33	.26
538-22-23-2071	F	7	.76	.53	.34	.27
538-22-23-2081	F	8	.78	.60	.39	.31
538-22-23-2091	F	9	.88	.68	.44	.35
538-22-23-2101	F	10	.89	.69	.45	.36
538-22-23-2111	F	11	.98	.75	.49	.39
538-22-23-2121	F	12	1.07	.82	.53	.43
Right Angle Friction Lock						
538-22-05-3021	G	2	.72	.48	.32	.25
538-22-05-3031	G	3	.76	.55	.36	.29
538-22-05-3041	G	4	.81	.62	.40	.32
538-22-05-3051	G	5	.88	.68	.44	.35
538-22-05-3061	G	6	.99	.76	.49	.39
538-22-05-3071	G	7	1.14	.88	.57	.46
538-22-05-3081	G	8	1.20	.92	.60	.48
538-22-05-3091	G	9	1.25	.96	.62	.50
538-22-05-3101	G	10	1.26	.97	.63	.51
538-22-05-3111	G	11	1.28	1.07	.69	.56
538-22-05-3121	G	12	1.31	1.09	.71	.57

.156" TERMINAL HOUSING

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each			
			1	10	100	500
Wtih Locking Ramp • 94V-0 nylon						
538-09-50-3021	H	2	.24	.12	.07	.06
538-09-50-3031	H	3	.28	.19	.123	.10
538-09-50-3041	H	4	.46	.23	.15	.12
538-09-50-3051	H	5	.45	.29	.19	.15
538-09-50-3061	H	6	.51	.34	.22	.18
538-09-50-3071	H	7	.60	.40	.26	.21
538-09-50-3081	H	8	.69	.46	.30	.24
538-09-50-3091	H	9	.72	.51	.33	.27
538-09-50-3101	H	10	.74	.57	.37	.30
538-09-50-3111	H	11	.82	.63	.41	.33
538-09-50-3121	H	12	.88	.68	.44	.36
Without Locking Ramp • 94V-0 nylon						
538-09-50-7021	H	2	.24	.12	.07	.06
538-09-50-7031	H	3	.34	.17	.11	.09
538-09-50-7041	H	4	.46	.23	.15	.12
538-09-50-7051	H	5	.49	.29	.19	.15
538-09-50-7061	H	6	.51	.34	.22	.18
538-09-50-7101	H	10	.74	.57	.37	.30

.156" PCB CONNECTORS

Bottom Entry • Tin plated • 94V-0 nylon						
538-09-52-3042	B	4	.71	.47	.30	.24
538-09-52-3052	B	5	.75	.58	.38	.30
538-09-52-3062	B	6	.91	.70	.46	.37
538-09-52-3072	B	7	1.13	.87	.57	.30
538-09-52-3082	B	8	1.21	.93	.61	.49
538-09-52-3102	B	10	1.40	1.17	.76	.61
538-09-52-3122	B	12	1.68	1.40	.91	.74
Top Entry Connectors • Tin plated • 94V-0 nylon						
538-09-52-3033	C	3	.50	.33	.22	.17
538-09-52-3043	C	4	.68	.45	.29	.23
538-09-52-3053	C	5	.73	.56	.36	.29
538-09-52-3063	C	6	.87	.67	.43	.35
538-09-52-3073	C	7	1.01	.78	.51	.41
538-09-52-3083	C	8	1.16	.89	.58	.47
538-09-52-3103	C	10	1.33	1.11	.72	.58
538-09-52-3123	C	12	1.60	1.33	.87	.70
Side Entry Connectors • Tin plated • 94V-0 nylon						
538-09-52-3031	I	3	.50	.33	.22	.17
538-09-52-3051	I	5	.73	.56	.36	.29
538-09-52-3061	I	6	.87	.67	.43	.35
538-09-52-3081	I	8	1.16	.89	.58	.47
538-09-52-3091	I	9	1.20	1.00	.65	.52
538-09-52-3101	I	10	1.33	1.11	.72	.58
538-09-52-3121	I	12	1.60	1.33	.87	.70

.156" BREAKAWAY HEADERS

Available in 24 circuit sticks designed to be broken to the desired sizes(s) for your specific requirement. 2-23 circuit, cut to length sizes, are available in production quantities.

- UL94V-0 nylon
- Tin plated
- .045" square pins

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
538-26-48-1241	O	Straight	1.17	.90	.59
538-26-48-1242	P	Right angle	1.27	.98	.64
538-26-48-1245	Q	St. friction lock	1.36	1.13	.73
538-26-48-1246	R	R/A friction lock	1.66	1.38	.90

CRIMP TERMINALS

- Tin plated

MOUSER STOCK NO.	Fig.	AWG	Plating	Price Each		
				1	100	500
For use with .100" Series						
538-08-50-0114	J	30-22	Tin	.12	.07	.06
538-08-56-0110	J	30-22	15µ" gold	.22	.17	.16
538-08-55-0102	J	30-22	15µ" select gold	.28	.15	.14
For use with .156" Series						
538-08-50-0106	J	24-18	Tin	.10	.06	.05
538-08-50-0108	J	26-22	Tin	.10	.06	.05

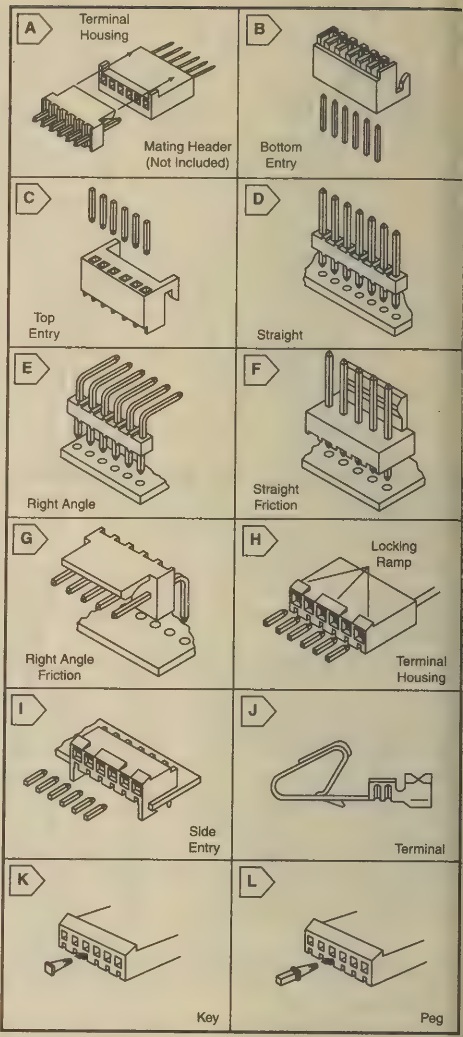
POLARIZING KEYS AND PEGS

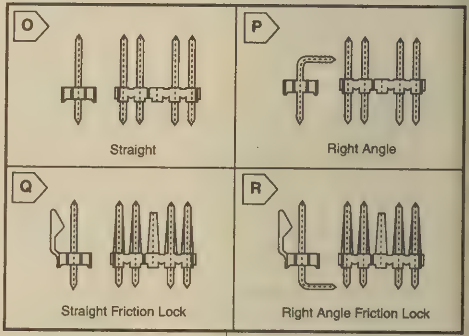
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
For use with .100" Series					
538-15-04-9209	K	Center key	.20	.10	.07
538-15-04-9210	L	Center peg	.20	.10	.07
For use with .156" Series					
538-15-04-0219	K	Center key	.26	.13	.09
538-15-04-0220	L	Center peg	.26	.13	.09

DESIGNER/SERVICE KITS

Includes: connectors, crimp tool, extraction tool, and storage case

MOUSER STOCK NO.	Description	Price Each
538-KK-100	.100", 82 connectors	39.95
538-KK-156	.156", 96 connectors	39.95

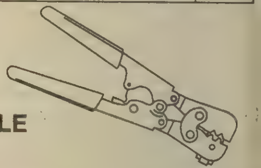




TOOLS

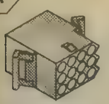
MOUSER STOCK NO.	Description	Price Each
538-11-03-0022	Extraction tool for .100" terminals	12.52
538-11-03-0016	Extraction tool for .156" terminals	17.60

SARGENT QUALITY TOOLS



O.E.M. COMPATIBLE CRIMP TOOLS

MOUSER STOCK NO.	Description	Price Each	
		1	5
624-3135CT	Crimper for .100" terminals	115.00	105.80
624-3136CT	Crimper for .156" terminals	115.00	105.80

A

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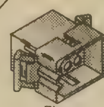
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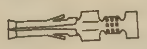
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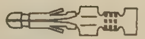
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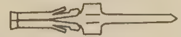
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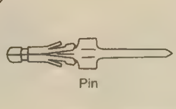
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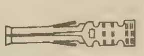
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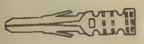
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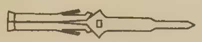
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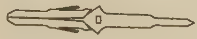
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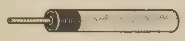
Extraction Tool

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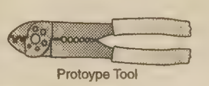
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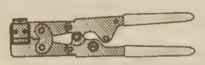

Production Tool

PIN AND SOCKET CONNECTORS, CONTACTS, TOOLS, AND KITS

Standard .093" Terminal Housings, Receptacles

48" grid spacing
as positive lock rather than detent lock
- .198" grid spacing • 12A max current rating UL94V-2 Nylon

LR19980 E29179

MOUSER STOCK NO.	Fig.	AMP Type	No. of Cir.	Circuit Pattern	Price Each			
					1	10	100	500
Panel Mount Receptacles with Detent Lock								
538-03-09-1027	A	------	2	In-line	.44	.29	.19	.14
538-03-09-1081	A	------	3	In-line	.68	.45	.29	.22
538-03-09-1040	A	------	4	Matrix	.68	.45	.30	.21
538-03-09-1041	A	770076-1	4	In-line	.59	.39	.25	.20
538-03-09-1061	A	770087-1	6	Matrix	.72	.48	.31	.24
538-03-09-1091	A	770093-1	9	Matrix	.77	.59	.38	.29
538-03-09-1125	A	770099-1	12	Matrix	.82	.63	.41	.32
538-03-09-1151	A	770103-1	15	Matrix	1.17	.90	.58	.45
Free-Hanging Receptacles with Detent Lock								
538-03-09-1011	A	770063-1	1	In-line	.26	.13	.09	.07
538-03-09-1014	A	------	1	In-line	.38	.25	.16	.13
538-03-09-1028	A	770424-1	2	In-line	.72	.48	.31	.24
538-03-09-1032	A	770070-1	3	In-line	.76	.58	.38	.29
538-03-09-1047	A	770784-1	4	In-line	.79	.61	.40	.30
538-03-09-1049	A	770843-1	4	Matrix	1.07	.82	.53	.41
538-03-09-1054	A	770083-1	5	In-line	.77	.59	.38	.29
538-03-09-1057	A	-----	5	In-line	.73	.56	.36	.28

Standard .093" Terminal Housings, Plugs

Panel Mount Plugs with Detent Locking Window								
538-03-09-2021	B	770068-1	2	In-line	.47	.31	.20	.16
538-03-09-2031	B	770073-1	3	In-line	.59	.39	.26	.20
538-03-09-2041	B	770077-1	4	In-line	.56	.37	.24	.19
538-03-09-2040	B	------	4	Matrix	.74	.49	.32	.24
538-03-09-2061	B	770089-1	6	Matrix	.74	.57	.37	.25
538-03-09-2091	B	770426-1	9	Matrix	.78	.60	.39	.30
538-03-09-2122	B	770101-1	12	Matrix	.86	.66	.43	.33
Free-Hanging Plugs with Detent Locking Window								
538-03-09-2011	B	770064-1	1	In-line	.34	.17	.11	.09
538-03-09-2014	B	------	1	In-line	.51	.34	.22	.17
538-03-09-2028	B	770425-1	2	In-line	.69	.53	.34	.27
538-03-09-2032	B	770074-1	3	In-line	.53	.40	.26	.20
538-03-09-2048	B	770810-1	4	In-line	.85	.65	.42	.32
538-03-09-2057	B	770084-1	5	In-line	.68	.52	.34	.26

Pin and Socket Contacts

- High volt. test: 1500VRMS applied between adj. terminals for 60 seconds
- Current rating: 12A max • Plating: tin over brass

MOUSER STOCK NO.	Fig.	AMP Type	Type	Wire Size (AWG)	Price Each			
					1	100	500	1000
For use with Standard .093" Terminal Housings								
538-02-09-1104	C	770144-1	Crimp	20-14	.16	.08	.07	.059
538-02-09-2103	D	770145-1	Crimp	20-14	.16	.08	.07	.059
538-02-09-1119	C	770146-1	Crimp	22-18	.16	.08	.07	.059
538-02-09-2118	D	770147-1	Crimp	22-18	.16	.08	.07	.059
538-02-09-1134	E	------	PC	N/A	.24	.12	.11	.089
538-02-09-2134	F	------	PC	N/A	.24	.12	.11	.089

Miniature .062" Terminal Housings, Receptacles

- 5A max current rating • .145" grid spacing

MOUSER STOCK NO.	Fig.	AMP Type	Type	Wire Size (AWG)	Price Each			
					1	100	500	1000
Panel Mount Receptacles with Detent Lock								
538-03-06-1022	A	770343-1	2	In-line	.45	.30	.19	.15
538-03-06-1038	A	770326-1	3	In-line	.50	.33	.21	.16
538-03-06-1041	A	770335-1	4	In-line	.74	.50	.32	.24
538-03-06-1043	A	770441-1	4	Matrix	.74	.50	.32	.24
538-03-06-1055	A	------	5	In-line	.78	.60	.39	.30
538-03-06-1061	A	770354-1	6	Matrix	.69	.46	.30	.22
538-03-06-1091	A	770427-1	9	Matrix	.74	.50	.32	.25
538-03-06-1121	A	------	12	Matrix	.73	.56	.37	.28
538-03-06-6155	A	------	15	Matrix	1.11	.85	.55	.42
538-03-06-1241	A	------	24	Matrix	1.32	1.10	.71	.55
Free-Hanging Receptacles with Detent Lock								
538-03-06-1011	A	770277-1	1	In-line	.28	.14	.09	.07
538-03-06-1023	A	770342-1	2	In-line	.45	.30	.19	.15
538-03-06-1032	A	770333-1	3	In-line	.50	.33	.21	.16

Miniature .062" Terminal Housings, Receptacles (cont.)

- 5A max current rating • .145" grid spacing

MOUSER STOCK NO.	Fig.	AMP Type	Type	Wire Size (AWG)	Price Each			
					1	100	500	1000
Free-Hanging Receptacles with Detent Lock (cont.)								
538-03-06-1042	A	770274-1	4	In-line	.74	.49	.31	.24
538-03-06-1044	A	770442-1	4	Matrix	.74	.49	.31	.24
538-03-06-1056	A	------	5	In-line	.78	.60	.39	.30
538-03-06-1062	A	770356-1	6	Matrix	.60	.46	.30	.23
538-03-06-1092	A	770429-1	9	Matrix	.75	.50	.32	.25
538-03-06-1122	A	------	12	Matrix	.73	.56	.36	.28
538-03-06-1152	A	------	15	Matrix	1.11	.85	.55	.42

Miniature .062" Terminal Housings, Plugs

- 5A max current rating • .145" grid spacing

MOUSER STOCK NO.	Fig.	AMP Type	No. of Cir.	Circuit Pattern	Price Each			
					1	10	100	500
Panel Mount Plugs with Detent Locking Window								
538-03-06-2024	B	------	2	In-line	.39	.26	.17	.13
538-03-06-2033	B	------	3	In-line	.47	.31	.20	.16
538-03-06-2041	B	770334-1	4	In-line	.69	.46	.30	.23
538-03-06-2043	B	770443-1	4	Matrix	.72	.50	.32	.24
538-03-06-2054	B	------	5	In-line	.72	.48	.32	.24
538-03-06-2062	B	770353-1	6	Matrix	.65	.43	.28	.21
538-03-06-2091	B	770426-1	9	Matrix	.66	.44	.29	.22
538-03-06-2121	B	------	12	Matrix	.74	.50	.32	.25
538-03-06-2151	B	------	15	Matrix	.91	.72	.46	.36
538-03-06-2241	B	------	24	Matrix	1.32	1.10	.71	.55
Free-Hanging Plugs with Detent Locking Window								
538-03-06-2011	B	770278-1	1	In-line	.32	.16	.10	.08
538-03-06-2023	B	770340-1	2	In-line	.39	.26	.17	.13
538-03-06-2032	B	770331-1	3	In-line	.47	.31	.20	.16
538-03-06-2042	B	770275-1	4	In-line	.69	.46	.30	.23
538-03-06-2044	B	770433-1	4	Matrix	.72	.48	.31	.24
538-03-06-2055	B	------	5	In-line	.72	.48	.31	.24
538-03-06-2061	B	770355-1	6	Matrix	.64	.43	.28	.21
538-03-06-2092	B	770428-1	9	Matrix	.66	.44	.29	.22
538-03-06-2122	B	------	12	Matrix	.75	.50	.32	.25
538-03-06-2152	B	------	15	Matrix	.94	.72	.46	.36
538-03-06-2242	B	------	24	Matrix	1.32	1.10	.71	.55

Pin and Socket Contacts

- High volt. test: 1500VRMS applied between adj. terminals for 60 seconds
- Current rating: 5A max • Plating: tin over brass

MOUSER STOCK NO.	Fig.	AMP Type	Type	Wire Size (AWG)	Price Each			
					1	100	500	1000
For use with Miniature .062" Terminal Housings								
538-02-06-1103	G	794016-1	Crimp	24-18	.15	.08	.07	.055
538-02-06-2103	H	794017-1	Crimp	24-18	.15	.08	.07	.055
538-02-06-1132	G	794019-1	Crimp	30-24	.15	.08	.07	.055
538-02-06-2132	H	794018-1	Crimp	30-24	.15	.08	.07	.055
538-02-06-7103	I	------	PC	N/A	.23	.12	.11	.084
538-02-06-8103	J	------	PC	N/A	.23	.12	.11	.084

Designer/Service Kits

Includes: connectors, crimp tool, and extraction tool

MOUSER STOCK NO.	Description	Price Each
538-WM-50	.093", 45 connectors	51.50
538-WM-72	.062", 56 connectors	54.50

Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
538-11-03-0006	K	Extraction: .093" contacts	9.95
538-11-01-0014	L	Prototype crimp: .093" contacts	12.95
538-11-03-0002	K	Extraction: .062" contacts	9.95
538-11-01-0015	L	Prototype crimp: .062" contacts	12.95

SARGENT
QUALITY
TOOLS

Crimping Tools

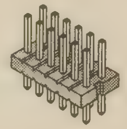
For quantities greater than listed, call for quote.

624-3132CT	M	Crimp tool for .093" contacts	115.00
624-3133CT	M	Crimp tool for .062" contacts	115.00

molex

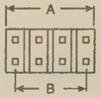
Milli-Grid™ Headers and Receptacles

.079" (2MM) VERTICAL HEADERS



Features:
- End-to-end stackable
- Mates with Milli-Grid 2.00mm Receptacles

Specifications:
- Current: 2.0A
- Dielectric withstanding voltage: 500V
- Insulation resistance: 1000MΩ min.
- Housing: black glass-filled polyester, UL 94V-0
- Contact: phosphor bronze, .50mm square
- Plating: 15μ" select gold
- Temperature: -55° to +105°C
- PCB thickness: 1.60 ± 0.10mm



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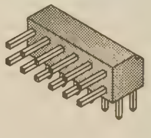
For quantities greater than listed, call for quote.

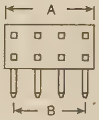
MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
538-870890416	4	.154	.079	.62	.39	.31	.23
538-870890616	6	.232	.157	.74	.47	.37	.28
538-870890816	8	.311	.236	.86	.54	.43	.32
538-870891016	10	.390	.315	.97	.61	.48	.36
538-870891216	12	.469	.394	1.16	.73	.58	.44
538-870891416	14	.547	.472	1.21	.76	.60	.45
538-870891616	16	.626	.551	1.38	.86	.69	.52
538-870891816	18	.705	.630	1.55	.97	.78	.58
538-870892016	20	.783	.709	1.73	1.08	.87	.65
538-870892216	22	.862	.787	1.90	1.19	.95	.71
538-870892416	24	.941	.866	2.08	1.30	1.04	.78
538-870892616	26	1.020	.945	2.24	1.40	1.12	.84
538-870892816	28	1.098	1.024	2.42	1.51	1.21	.91
538-870893016	30	1.177	1.102	2.59	1.62	1.29	.97
538-870893216	32	1.256	1.181	2.42	1.51	1.21	.91
538-870893416	34	1.335	1.260	2.57	1.61	1.28	.96
538-870893616	36	1.413	1.339	2.72	1.70	1.36	1.02
538-870893816	38	1.492	1.417	2.87	1.80	1.44	1.08
538-870894016	40	1.571	1.496	3.02	1.89	1.51	1.13
538-870894216	42	1.650	1.575	3.17	1.98	1.59	1.19
538-870894416	44	1.728	1.654	3.32	2.08	1.66	1.25
538-870894616	46	1.807	1.732	3.48	2.17	1.74	1.30
538-870894816	48	1.886	1.811	3.62	2.27	1.81	1.36
538-870895016	50	1.965	1.890	3.78	2.36	1.89	1.42

.079" (2MM) RIGHT ANGLE HEADERS



Features:
- End-to-end stackable
- Mates with Milli-Grid 2.00mm Receptacles

Specifications:
- Voltage: 125V
- Current: 2.0A
- Dielectric withstanding voltage: 500V
- Insulation resistance: 1000MΩ min.
- Housing: black glass-filled polyester, UL 94V-0
- Contact: phosphor bronze, .50mm square
- Plating: 15μ" select gold
- Temperature: -55° to +105°C
- PCB thickness: 1.60 ± 0.10mm

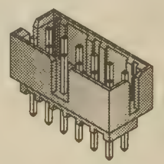


LR19980-182 E29179

For quantities greater than listed, call for quote.

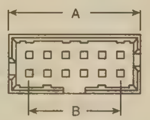
MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
538-870490416	4	.079	.157	.73	.46	.37	.27
538-870490616	6	.157	.236	1.00	.62	.50	.37
538-870490816	8	.236	.315	.93	.58	.47	.35
538-870491016	10	.315	.394	1.11	.69	.55	.42
538-870491216	12	.394	.472	1.20	.75	.60	.45
538-870491416	14	.472	.551	1.40	.88	.70	.53
538-870491616	16	.551	.630	1.33	.83	.67	.50
538-870491816	18	.630	.709	1.50	.94	.75	.56
538-870492016	20	.709	.787	1.66	1.04	.83	.62
538-870492216	22	.787	.866	1.83	1.14	.91	.69
538-870492416	24	.866	.945	2.00	1.25	1.00	.75
538-870492616	26	.945	1.024	2.16	1.35	1.08	.81
538-870492816	28	1.024	1.102	2.33	1.46	1.16	.87
538-870493016	30	1.102	1.181	2.50	1.56	1.25	.94
538-870493216	32	1.181	1.260	2.66	1.66	1.33	1.00
538-870493416	34	1.260	1.339	2.83	1.77	1.14	1.06
538-870493616	36	1.339	1.417	2.99	1.87	1.50	1.12
538-870493816	38	1.417	1.496	3.16	1.98	1.58	1.19
538-870494016	40	1.496	1.575	3.33	2.08	1.66	1.25
538-870494216	42	1.575	1.654	3.49	2.18	1.75	1.31
538-870494416	44	1.654	1.732	3.66	2.29	1.83	1.37
538-870494616	46	1.811	1.732	3.82	2.39	1.91	1.43
538-870494816	48	1.890	1.811	3.99	2.50	2.00	1.50
538-870495016	50	1.969	1.890	4.16	2.60	2.08	1.56

.079" (2MM) VERTICAL SHROUDED HEADERS



Features:
- Fully shrouded to protect pins
- Center slot for polarization
- Side latches for mechanical locking
- No center polarization slot for ckt. size 4 and 6

Specifications:
- Current: 2.0A
- Dielectric withstanding voltage: 1000V
- Insulation resistance: 1000MΩ min.
- Housing: black 4/6 nylon, UL 94V-0
- Contact: phosphor bronze
- Plating: 15μ" select gold
- Temperature: -55° to +105°C



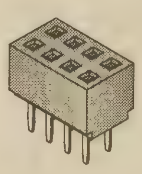
LR19980 E29179

For quantities greater than listed, call for quote.

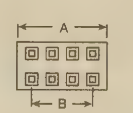
MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
538-873310420	4	.262	.079	.68	.42	.34	.25
538-873310620	6	.341	.157	.80	.50	.40	.30
538-873310820	8	.419	.236	.90	.57	.45	.34
538-873311020	10	.498	.315	1.12	.70	.56	.42
538-873311220	12	.577	.394	1.34	.84	.67	.50
538-873311420	14	.656	.472	1.56	.98	.78	.59
538-873311620	16	.734	.551	1.79	1.12	.89	.67
538-873311820	18	.813	.630	2.01	1.26	1.00	.75
538-873312020	20	.892	.709	2.23	1.39	1.11	.84
538-873312220	22	.970	.787	2.46	1.54	1.23	.92
538-873312420	24	1.049	.866	2.68	1.68	1.34	1.01
538-873313020	30	1.285	1.102	3.34	2.09	1.67	1.25
538-873314020	40	1.679	1.496	4.47	2.79	2.23	1.68
538-873314420	44	1.837	1.654	4.91	3.07	2.45	1.84
538-873315020	50	2.073	2.073	5.58	3.49	2.79	2.09

.079" (2MM) VERTICAL BOARD-TO-BOARD RECEPTACLE

Features:
- IR, vapor-phase and wave solder compatible
- Dual beam contact design
- Molded-in void locations for polarization
- PC tails have tapered lead-in for insertion into the PC board
- Mates with 0.50mm square pin headers



Specifications:
- Voltage: 125V
- Current: 1.0A
- Contact resistance: 25mΩ min.
- Dielectric withstanding voltage: 500VAC
- Insulation resistance: 1000MΩ min.
- Mating force: 8 oz. max.
- Unmating force: 1.5 oz. min.
- Normal force: 100g
- Housing: black glass-filled LCP, UL 94V-0
- Contact: phosphor bronze
- Plating: 15μ" min. gold
- Temperature: -55° to +105°C

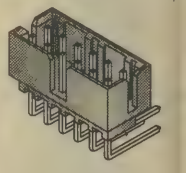


LR19980 E29179

For quantities greater than listed, call for quote.

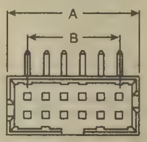
MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
538-791070001	4	.165	.079	1.56	.98	.78	.59
538-791070002	6	.244	.157	1.78	1.11	.89	.67
538-791070003	8	.322	.236	2.00	1.25	1.00	.75
538-791070004	10	.401	.315	2.21	1.38	1.11	.83
538-791070005	12	.480	.394	2.43	1.52	1.21	.91
538-791070006	14	.559	.472	2.59	1.62	1.29	.97
538-791070007	16	.637	.551	2.82	1.76	1.41	1.06
538-791070008	18	.716	.630	3.03	1.90	1.52	1.14
538-791070009	20	.795	.709	3.18	1.99	1.59	1.19
538-791070010	22	.874	.787	3.32	2.08	1.66	1.25
538-791070011	24	.952	.866	3.63	2.27	1.81	1.36
538-791070014	30	1.188	1.102	4.53	2.83	2.26	1.70
538-791070019	40	1.582	1.496	6.04	3.78	3.02	2.27
538-791070021	44	1.740	1.654	6.65	4.16	3.32	2.49
538-791070024	50	1.976	1.890	7.55	4.72	3.78	2.83

.079" (2MM) RIGHT ANGLE SHROUDE HEADERS



Features:
- Fully shrouded to protect pins
- Center slot for polarization
- Side latches for mechanical locking
- No center polarization slot for ckt. size 4 and 6

Specifications:
- Current: 2.0A
- Dielectric withstanding voltage: 1000V
- Insulation resistance: 1000MΩ min.
- Housing: black 4/6 nylon, UL 94V-0
- Contact: phosphor bronze
- Plating: 15μ" select gold
- Temperature: -55° to +105°C



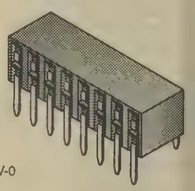
LR19980 E29179

For quantities greater than listed, call for quote.

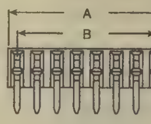
MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
538-873330420	4	.262	.079	.89	.56	.44	.33
538-873330620	6	.341	.157	1.17	.73	.59	.44
538-873330820	8	.419	.236	1.20	.75	.60	.45
538-873331020	10	.498	.315	1.24	.78	.62	.47
538-873331220	12	.577	.394	1.48	.93	.74	.56
538-873331420	14	.656	.472	1.74	1.09	.87	.65
538-873331620	16	.734	.551	1.98	1.24	.99	.74
538-873331820	18	.813	.630	2.23	1.39	1.11	.84
538-873332020	20	.892	.709	2.48	1.55	1.24	.93
538-873332220	22	.970	.787	2.73	1.71	1.36	1.02
538-873332420	24	1.049	.866	2.98	1.86	1.49	1.12
538-873333020	30	1.285	1.102	3.72	2.32	1.86	1.39
538-873334020	40	1.679	1.496	4.96	3.10	2.48	1.86
538-873334420	44	1.837	1.654	5.45	3.41	2.73	2.04
538-873335020	50	2.073	1.890	6.20	3.87	3.10	2.32

.079" (2MM) SIDE ENTRY RECEPTACLE

- Mates with 0.50mm square pin headers



Specifications:
- Voltage: 125V
- Current: 1.0A
- Contact resistance: 15mΩ min.
- Dielectric withstanding voltage: 500VAC
- Insulation resistance: 1000MΩ min.
- Contact insertion force: 180g max.
- Normal force: 50g min.
- Housing: black high-temp. nylon, UL 94V-0
- Contact: phosphor bronze
- Plating: 15μ" min. select gold
- Temperature: -55° to +105°C
- PCB thickness: 1.60 ± 0.10mm



LR19980-182 E29179

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
538-872640850	8	.323	.236	2.71	1.70	1.36	1.02
538-872641050	10	.402	.315	2.77	1.73	1.39	1.04
538-872641250	12	.480	.394	2.90	1.81	1.45	1.09
538-872641450	14	.559	.472	3.02	1.89	1.51	1.13
538-872641650	16	.638	.551	3.45	2.16	1.72	1.29
538-872641850	18	.717	.630	3.88	2.43	1.94	1.46
538-872642050	20	.795	.709	4.31	2.16	1.83	1.51
538-872642250	22	.874	.787	4.74	2.97	2.37	1.78
538-872642450	24	.953	.866	5.18	3.24	2.59	1.94
538-872642650	26	1.031	.945	5.60	3.50	2.80	2.10
538-872642850	28	1.110	1.024	6.04	3.77	3.02	2.26
538-872643050	30	1.189	1.102	6.47	4.04	3.23	2.43
538-872643250	32	1.268	1.181	6.90	4.31	3.45	2.59
538-872643450	34	1.346	1.260	7.33	4.58	3.67	2.75
538-872643650	36	1.425	1.339	7.76	4.85	3.88	2.91
538-872643850	38	1.504	1.417	8.19	5.12	4.10	3.07
538-872644050	40	1.583	1.496	8.62	5.39	4.31	3.23
538-872644250	42	1.661	1.575	9.06	5.66	4.53	3.40
538-872644450	44	1.740	1.654	9.49	5.93	4.74	3.56
538-872644650	46	1.819	1.732	9.92	6.20	4.96	3.72
538-872644850	48	1.898	1.811	10.35	6.47	5.17	3.88
538-872645050	50	1.976	1.890	10.78	6.74	5.39	4.04

079" (2mm) MILLI-GRID™ CRIMP HOUSING

eatures:

Side latches for added retention forces after mating
Mates with 0.50mm square pin headers

pecifications:

Housing: black glass filled polyester, UL 94V-0
Temperature: -55° to +105°C

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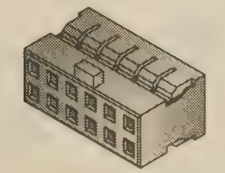
For quantities greater than listed, call for quote.

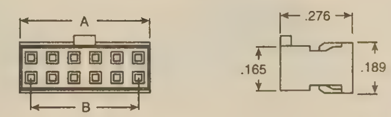
MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
w/ Polarization Keys							
38-511100851	8	.323	.236	.36	.22	.18	.13
38-511101051	10	.402	.315	.38	.24	.19	.14
38-511101251	12	.480	.394	.40	.25	.20	.15
38-511101451	14	.559	.472	.47	.29	.23	.18
38-511101651	16	.638	.551	.56	.35	.28	.21
38-511101851	18	.717	.630	.60	.38	.30	.23
38-511102051	20	.795	.708	.67	.42	.34	.25
38-511102251	22	.874	.787	.74	.46	.37	.28
38-511102451	24	.953	.866	.81	.51	.40	.30
38-511102651	26	1.031	.945	.87	.54	.43	.33
38-511102851	28	1.110	1.050	.94	.59	.47	.35
38-511103051	30	1.189	1.102	1.00	.63	.50	.38

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
w/o Polarization Keys							
538-511100450	4	.165	.079	.32	.20	.16	.12
538-511100650	6	.244	.157	.33	.21	.16	.12
538-511100850	8	.323	.236	.36	.22	.18	.13
538-511101050	10	.402	.315	.38	.24	.19	.14
538-511101250	12	.480	.394	.40	.25	.20	.15
538-511101450	14	.559	.472	.47	.29	.23	.18
538-511101650	16	.638	.551	.56	.35	.28	.21
538-511101850	18	.717	.630	.60	.38	.30	.23
538-511102050	20	.795	.708	.67	.42	.34	.25
538-511102250	22	.874	.787	.74	.46	.37	.28
538-511102450	24	.953	.866	.81	.51	.40	.30
538-511102650	26	1.031	.945	.87	.54	.43	.33
538-511102850	28	1.110	1.024	.94	.59	.47	.35
538-511103050	30	1.189	1.102	1.00	.63	.50	.38



DIMENSIONS (IN.)



Crimp Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AWG	Price Each			
		1	10	100	500
538-503948100	24-30	.17	.10	.08	.07

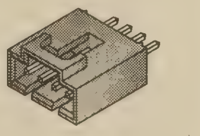
Crimp Terminal Hand Tool

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AWG	Price Each
538-11010204	24-30	160.88

100" (2.54mm) SL™ WIRE-TO-BOARD SHROUDED HEADERS

ingle Row, .120" Pocket, Straight



eatures:

Locking crown secures positive latch to header
Polarization slots guide front ribs of mating connector to prevent pin damage
Standoffs minimize flux retention
Vapor phase and IR process compatible

pecifications:

Voltage: 250V
Current: 3.0A
Contact resistance: 15mΩ min.
Dielectric withstanding voltage: 600VAC rms
Insulation resistance: 1000MΩ min.
Housing: black glass filled PCT, UL 94V-0
Contact: phosphor bronze, .025" square
Plating: 15µ" min. gold
Temperature: -40° to +125°C

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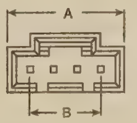
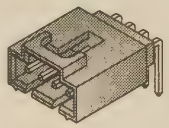


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Number of Circuits	Dimensions (In.)		Price Each			
		A	B	1	10	100	500
38-705430001	2	.290	.100	.98	.84	.59	.48
38-705430002	3	.400	.200	1.09	.93	.65	.53
38-705430003	4	.500	.300	1.21	1.04	.73	.59
38-705430004	5	.600	.400	1.31	1.12	.78	.63
38-705430005	6	.700	.500	1.41	1.21	.85	.69
38-705430006	7	.800	.600	1.51	1.30	.91	.73
38-705430007	8	.900	.700	1.62	1.39	.97	.79
38-705430008	9	1.000	.800	1.73	1.48	1.04	.84
38-705430009	10	1.100	.900	1.83	1.57	1.10	.89

Single Row, .120" Pocket, Right Angle, Low Profile



Features:

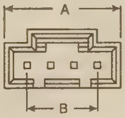
- Locking crown secures positive latch to header
- Polarization slots guide front ribs of mating connector to prevent pin damage
- Standoffs minimize flux retention
- Vapor phase and IR process compatible

Specifications:

- Voltage: 250V
- Current: 3.0A
- Contact resistance: 15mΩ max.
- Dielectric withstanding voltage: 600VAC rms
- Insulation resistance: 1000MΩ min.
- Housing: black glass filled PCT, UL 94V-0
- Contact: phosphor bronze, .025" square
- Plating: 15µ" min. gold
- Temperature: -40° to +125°C

LR19980

E29179



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Number of Circuits	Dimensions (In.)		Price Each			
		A	B	1	10	100	500
538-705530001	2	.290	.100	.98	.84	.59	.48
538-705530002	3	.400	.200	1.09	.93	.65	.53
538-705530003	4	.500	.300	1.21	1.04	.73	.59
538-705530004	5	.600	.400	1.31	1.12	.78	.63
538-705530005	6	.700	.500	1.41	1.21	.85	.69
538-705530006	7	.800	.600	1.51	1.30	.91	.73
538-705530007	8	.900	.700	1.62	1.39	.97	.79
538-705530008	9	1.000	.800	1.73	1.48	1.04	.84
538-705530009	10	1.100	.900	1.83	1.57	1.10	.89

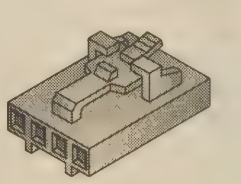
100" (2.54mm) SL™ CRIMP HOUSING

eatures:

Positive latch secures housing to locking crown of mating header or panel mount
Anti-entaglement/overstress ribs prevent discrete wires from catching under latch during harness manufacturing and storage
Front ribs prevent contact damage ; the housing cannot be twisted off pins

Specifications:

- Housing: black glass-filled polyester, UL 94V-0
- Temperature: -40° to +120°C



ingle Row, Positive Latch

LR19980 E29179

For quantities greater than listed, call for quote.

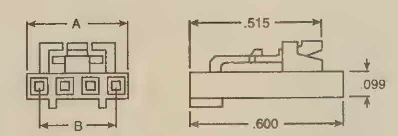
MOUSER STOCK NO.	No. of Cir.	Dimen. (In.)		Price Each			
		A	B	1	10	100	500
38-50579402	2	.199	.100	.44	.38	.26	.21
38-50579403	3	.299	.200	.80	.69	.48	.39
38-50579404	4	.399	.300	.84	.72	.50	.41
38-50579405	5	.499	.400	.87	.75	.52	.42
38-50579406	6	.599	.500	.93	.80	.56	.45
38-50579407	7	.699	.600	.99	.85	.59	.48
38-50579408	8	.799	.700	1.05	.90	.63	.51
38-50579409	9	.899	.800	1.12	.96	.67	.54
38-50579410	10	.999	.900	1.18	1.01	.71	.57

Crimp Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AWG	Plating	Price Each			
			1	10	100	500
538-16020102	22-24	Tin	.10	.09	.07	.06
538-16020103	22-24	15µ" gold	.16	.14	.11	.09
538-16020104	22-24	30µ" gold	.19	.17	.14	.11
538-16020096	24-30	Tin	.09	.08	.07	.05
538-16020097	24-30	15µ" gold	.14	.12	.10	.08
538-16020098	24-30	30µ" gold	.19	.17	.14	.11

DIMENSIONS (IN.)



Crimp Terminal Hand Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AWG	Price Each
538-11010208	22-24	218.15
538-11010209	24-30	218.15

molex

Micro-Fit and Mini-Fit Jr. Connectors

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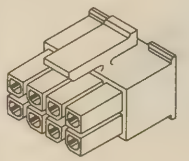

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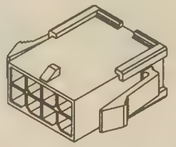

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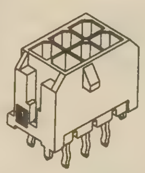

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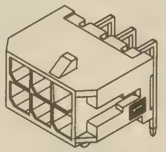

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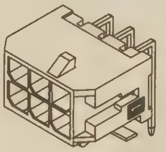

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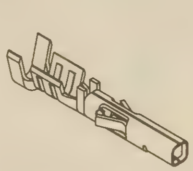

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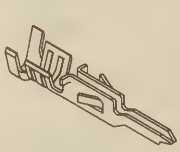

MICRO-FIT 3.0 CONNECTORS

- Fully isolated contacts
- Fully polarized
- Voltage: 250V
- Current: 5.0 max.
- Contact resistance: 10mΩ max.
- Housing: UL94V-0
- Contacts: phosphor bronze
- Plating: tin or 30μ" gold

E29179

LR19980

Terminal Housings

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
Receptacles					
538-43025-0200	A	2	0.26	0.23	0.21
538-43025-0400	A	4	0.30	0.27	0.24
538-43025-0600	A	6	0.36	0.32	0.29
538-43025-0800	A	8	0.42	0.37	0.33
538-43025-1000	A	10	0.48	0.43	0.39
538-43025-1200	A	12	0.57	0.51	0.46
Plugs					
538-43020-0200	B	2	0.26	0.23	0.21
538-43020-0400	B	4	0.30	0.27	0.24
538-43020-0600	B	6	0.37	0.33	0.30
538-43020-0800	B	8	0.43	0.39	0.36
538-43020-1000	B	10	0.51	0.45	0.41
538-43020-1200	B	12	0.57	0.51	0.46

PCB Headers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Circuits	Plating	Price Each		
				1	10	100
Vertical Thru-Hole, Surface Mount Compatible						
538-43045-0212	C	2	Tin	0.69	0.63	0.45
538-43045-0412	C	4	Tin	0.95	0.87	0.62
538-43045-0612	C	6	Tin	1.21	1.10	0.79
538-43045-0812	C	8	Tin	1.93	1.75	1.25
538-43045-1012	C	10	Tin	1.96	1.82	1.27
538-43045-1212	C	12	Tin	1.98	1.80	1.29
538-43045-0214	C	2	Gold	1.21	1.10	0.79
538-43045-0414	C	4	Gold	1.51	1.37	0.98
538-43045-0614	C	6	Gold	1.91	1.74	1.25
538-43045-0814	C	8	Gold	2.52	2.28	1.64
538-43045-1014	C	10	Gold	5.50	4.99	3.58
538-43045-1214	C	12	Gold	6.41	5.81	4.17
Vertical Surface Mount						
538-43045-0218	C	2	Tin	1.96	1.77	1.27
538-43045-0418	C	4	Tin	2.16	1.96	1.41
538-43045-0618	C	6	Tin	2.45	2.22	1.59
538-43045-0818	C	8	Tin	2.78	2.51	1.79
538-43045-1018	C	10	Tin	3.00	2.72	1.95
538-43045-1218	C	12	Tin	5.03	4.56	3.28
538-43045-0220	C	2	Gold	2.42	2.20	1.58
538-43045-0420	C	4	Gold	2.98	2.73	1.96
538-43045-0620	C	6	Gold	3.39	3.08	2.21
538-43045-0820	C	8	Gold	3.83	3.48	2.49
538-43045-1020	C	10	Gold	4.42	4.01	2.88

PCB Headers, cont.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Circuits	Plating	Price Each		
				1	10	100
Right Angle, Thru-Hole, Surface Mount Compatible						
538-43045-0200	D	2	Tin	0.84	0.76	0.55
538-43045-0400	D	4	Tin	1.33	1.21	0.87
538-43045-0600	D	6	Tin	1.57	1.43	1.03
538-43045-0800	D	8	Tin	1.79	1.62	1.16
538-43045-1000	D	10	Tin	2.09	1.90	1.36
538-43045-1200	D	12	Tin	2.47	2.24	1.60
538-43045-0202	D	2	Gold	1.69	1.54	1.10
538-43045-0402	D	4	Gold	1.82	1.65	1.19
538-43045-0602	D	6	Gold	3.37	3.06	2.20
538-43045-0802	D	8	Gold	2.82	2.55	1.83
538-43045-1002	D	10	Gold	3.29	2.99	2.15
538-43045-1202	D	12	Gold	4.26	3.86	2.77
Right Angle Surface Mount						
538-43045-0209	E	2	Tin	1.80	1.63	1.17
538-43045-0409	E	4	Tin	2.22	2.02	1.45
538-43045-0609	E	6	Tin	2.53	2.29	1.65
538-43045-1009	E	10	Tin	3.31	3.00	2.16
538-43045-0211	E	2	Gold	2.77	2.53	1.80
538-43045-0411	E	4	Gold	3.38	3.07	2.20
538-43045-0811	E	8	Gold	4.12	3.73	2.68
538-43045-1011	E	10	Gold	3.86	3.52	2.55

Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	AWG	Plating	Price Each		
				1	100	500
Female						
538-43030-0007	F	20-24	Tin	0.15	0.12	0.10
538-43030-0010	F	26-30	Tin	0.15	0.12	0.10
538-43030-0009	F	20-24	Gold	0.22	0.18	0.15
538-43030-0012	F	26-30	Gold	0.22	0.18	0.15
Male						
538-43031-0007	G	20-24	Tin	0.13	0.10	0.08
538-43031-0010	G	26-30	Tin	0.15	0.12	0.10
538-43031-0009	G	20-24	Gold	0.26	0.21	0.17
538-43031-0012	G	26-30	Gold	0.26	0.21	0.17

Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
538-63811-1000	Universal crimp tool	50.00
538-11-01-0200	Female crimp tool	204.00
538-11-01-0201	Male crimp tool	204.00
538-11-03-0043	Extraction tool	18.95

MINI-FIT JR. CONNECTORS, CONTACTS, AND TOOLS

Nylon High Current / High Density Power Connectors

Wire-to-wire and wire-to-board versions. The mated length of the wire-to-wire version is less than 1 3/8" while the wire-to-board version is less than 15/16". Despite it's small size it can handle the I/O currents of most standard equipment. For quantities greater than listed, call for quote.

Specifications:

- Current: up to 9A
- Contact resistance: 10mΩ
- Insulation resistance: 1000mΩ
- Housing: UL94V-2

Features:

- Audible mating click
- .165" grid spacing

✻ UL94V-0

Terminal Housings

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
Receptacles					
538-39-01-2020	A	2	.59	.39	.25
538-39-01-2040	A	4	.69	.46	.30
✻ 538-39-01-2045	A	4	.63	.47	.32
538-39-01-2060	A	6	.72	.55	.36
538-39-01-2080	A	8	.82	.63	.41
538-39-01-2100	A	10	.91	.70	.46
538-39-01-2120	A	12	.98	.75	.49
538-39-01-2140	A	14	1.25	.96	.62
538-39-01-2160	A	16	1.40	1.17	.76
Plugs					
538-39-01-2021	B	2	.62	.41	.26
538-39-01-2041	B	4	.68	.45	.29
538-39-01-2061	B	6	.69	.53	.34
538-39-01-2081	B	8	.74	.57	.37
538-39-01-2101	B	10	.82	.63	.41
538-39-01-2121	B	12	.87	.67	.43
538-39-01-2141	B	14	1.17	.90	.58
538-39-01-2161	B	16	1.39	1.16	.76

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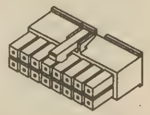

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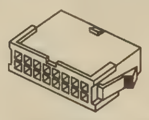

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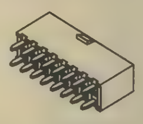

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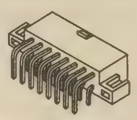

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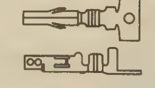

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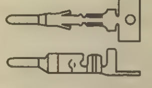

PCB Headers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
Straight Assembly					
538-39-28-1023	C	2	1.03	.79	.51
538-39-28-1043	C	4	1.31	1.09	.71
538-39-28-1063	C	6	1.67	1.39	.90
538-39-28-1083	C	8	2.02	1.68	1.09
538-39-28-1103	C	10	2.36	1.97	1.28
538-39-28-1123	C	12	2.71	2.26	1.46
538-39-28-1143	C	14	3.06	2.55	1.66
538-39-28-1163	C	16	3.41	2.84	1.85
Right Angle with Mounting Flange					
538-39-29-1028	D	2	1.15	.96	.62
538-39-29-1048	D	4	1.58	1.32	.85
538-39-29-1068	D	6	1.99	1.66	1.08
538-39-29-1088	D	8	2.44	2.03	1.32
538-39-29-1108	D	10	2.86	2.38	1.54
538-39-29-1128	D	12	3.29	2.74	1.78
538-39-29-1168	D	16	4.13	3.44	2.24

Pin and Socket Contacts

- Plating: tin over brass

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Style	Wire AWG	Price Each		
				1	100	500
538-39-00-0039	E	Socket	24-18	.21	.10	.09
538-39-00-0041	F	Pin	24-18	.21	.10	.09
538-39-00-0047	E	Socket	28-22	.21	.10	.09
538-39-00-0049	F	Pin	28-22	.21	.10	.09

Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
538-11-03-0044	Mini-fit jr. terminal extraction	25.61
538-11-01-0014	24-18AWG prototype crimp	12.95
538-11-01-0015	26-22AWG prototype crimp	12.95

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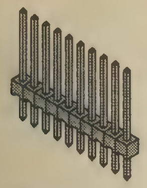

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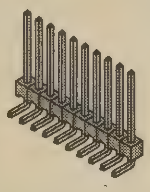

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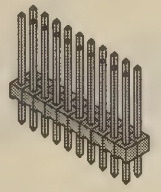

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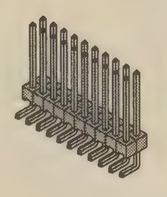

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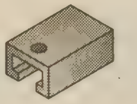

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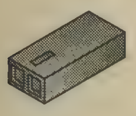

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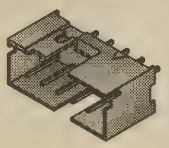

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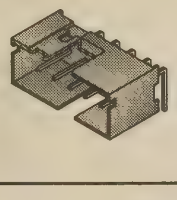

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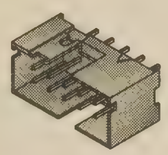

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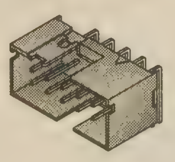


REAKAWAY HEADERS

aterial:

Housing: 94V-0 black thermoplastic
Post: phosphor bronze

ontact Plating:

= Duplex plated .00003 min. gold on contact area. .0001 ~ .0002 min. tin-lead on solder area, with entire post underplated .00005 min. nickel.
= Duplex plated .000015 min. gold on contact area. .0001 ~ .0002 min. tin-lead on solder area, with entire post underplated .00005 min. nickel.
= .0001 ~ .0002 min. tin-lead over .00005 nickel on entire post.

ertical - Single Row 40 Position .100" Centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length		Plating	Price Each		
		Post	Tail		1	100	500
571-41032390	A	.230	.120	1	1.06	.91	.84
571-41031850	A	.230	.120	2	1.02	.88	.81
571-41033270	A	.230	.120	3	.98	.84	.78
571-41029760	A	.318	.125	1	1.06	.91	.84
571-41029720	A	.318	.125	2	1.02	.88	.81
571-41033210	A	.318	.125	3	.98	.84	.78

ight Angle - Single Row 40 Position .100" Centers

For quantities greater than listed, call for quote.

571-41031480	B	.230	.120	1	1.16	1.00	.92
571-41033290	B	.230	.120	3	1.06	.91	.84
571-41029780	B	.318	.110	1	1.16	1.00	.92
571-41033230	B	.318	.110	3	1.06	.91	.84

ertical - Double Row 80 Position .100" x .100" Centers

For quantities greater than listed, call for quote.

571-41032400	C	.230	.120	1	2.03	1.79	1.47
571-41031860	C	.230	.120	2	2.08	1.89	1.54
571-41033280	C	.230	.120	3	1.81	1.59	1.31
571-41029770	C	.318	.125	1	2.03	1.79	1.47
571-41029730	C	.318	.125	2	1.89	1.54	1.40
571-41033220	C	.318	.125	3	1.81	1.59	1.31

ight Angle - Double Row 80 Position .100" x .100" Centers

For quantities greater than listed, call for quote.

571-41031490	D	.230	.120	1	2.67	2.18	1.52
571-41033300	D	.230	.120	3	2.42	1.97	1.79
571-41029790	D	.318	.110	1	2.67	2.18	1.52
571-41033240	D	.318	.110	3	2.42	1.97	1.79

HUNTS

Material: • .100" centerlines • Contacts: phosphor bronze

ost Shunts, 2 Position, Low Profile

Packaged: strips of 10, priced individually
Housing: 94V-0 glass-filled black thermoplastic

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Plating	Price Each		
			1	100	500
571-3900882	E	15µ" gold	.18	.17	.15
571-3828115	E	Tin	.09	.08	.07

andem Spring Shunts

Housing: 94V-0 black nylon

For quantities greater than listed, call for quote.

571-3900881	F	30µ" gold	.22	.164	.126

SHROUDED HEADERS

Material:

- Housing: 94V-0 black thermoplastic
- Post: copper alloy

Contact Plating:

1 = Duplex plated .00003 min. gold on contact area. .0001 ~ .0002 min. tin-lead on solder area, with entire post underplated .00005 min. nickel.
2 = Duplex plated .000015 min. gold on contact area. .0001 ~ .0002 min. tin-lead on solder area, with entire post underplated .00005 min. nickel.

Vertical - Single Row Standard Profile .100" Centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Number of Positions	Width	Plating	Price Each		
					1	100	500
571-1034141	G	3	.42	1	.88	.84	.74
571-1034142	G	4	.52	1	1.06	.96	.87
571-1034143	G	5	.62	1	2.00	1.92	1.68
571-1034144	G	6	.72	1	2.05	1.97	1.72
571-1034146	G	8	.92	1	1.55	1.41	1.28
571-1034148	G	10	1.12	1	2.50	2.40	2.10
571-1022021	G	4	.52	2	1.20	1.09	.98
571-1022022	G	5	.62	2	1.46	1.33	.983
571-1022023	G	6	.72	2	1.18	1.13	.99
571-1022025	G	8	.92	2	1.30	1.25	1.09
571-1022027	G	10	1.12	2	1.43	1.37	1.20

Right Angle - Single Row Standard Profile .100" Centers

For quantities greater than listed, call for quote.

571-1033611	H	3	.42	1	.94	.68	.65
571-1033612	H	4	.52	1	1.18	1.07	.97
571-1033613	H	5	.62	1	1.31	1.19	1.08
571-1033614	H	6	.72	1	2.08	1.52	1.44
571-1033616	H	8	.92	1	1.64	1.49	1.35

Vertical - Double Row Low Profile .100" x .100" Centers

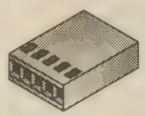
For quantities greater than listed, call for quote.

571-1033091	I	10	.80	1	.98	.81	.74
571-1033092	I	14	1.00	1	1.01	.70	.59
571-1033093	I	16	1.10	1	1.12	.77	.65
571-1033095	I	20	1.30	1	1.89	1.45	1.32
571-1033096	I	26	1.60	1	2.22	1.71	1.55
571-1033097	I	34	2.00	1	2.56	1.97	1.79
571-1033098	I	40	2.30	1	2.39	1.66	1.38
571-11033090	I	50	2.80	1	3.39	2.61	2.37
571-1033081	I	10	.80	2	.98	.89	.80
571-1033082	I	14	1.00	2	1.08	.90	.82
571-1033085	I	20	1.30	2	1.56	1.20	1.09
571-1033088	I	40	2.30	2	1.92	1.56	1.42

Right Angle - Double Row Low Profile .100" x .100" Centers

For quantities greater than listed, call for quote.

571-1033111	J	10	.80	1	1.15	.84	.79
571-1033112	J	14	1.00	1	2.52	2.29	2.08
571-1033113	J	16	1.10	1	1.67	1.22	1.15
571-1033115	J	20	1.30	1	2.00	1.54	1.40
571-1033116	J	26	1.60	1	2.78	2.13	1.94
571-1033117	J	34	2.00	1	3.22	2.58	2.21
571-1033118	J	40	2.30	1	3.67	2.83	2.57
571-11033110	J	50	2.80	1	4.38	3.50	3.00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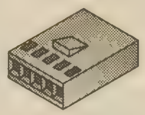
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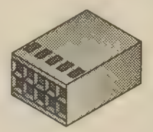
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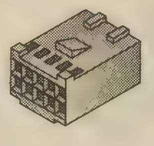
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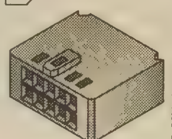
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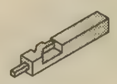
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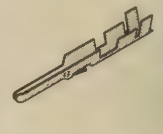
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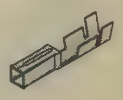

H

MOD.IV WIRE-APPLIED HOUSINGS

Material: • Housing: 94V-0 black thermoplastic

Non-Polarized Single Row Housings .100" Centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Number of Positions	Width	Price Each		
				1	100	500
571-7874992	A	1	.105	.23	.21	.16
571-874993	A	2	.205	.70	.63	.47
571-874995	A	3	.305	.49	.45	.34
571-874997	A	4	.405	.44	.40	.30
571-874999	A	5	.505	.35	.32	.24
571-1874991	A	6	.605	.44	.40	.30
571-874991	A	7	.705	.58	.53	.40
571-1874993	A	8	.805	.46	.42	.32
571-1874995	A	9	.905	.56	.51	.42
571-1874997	A	10	1.005	.55	.50	.38

Polarized Single Row Housings .100" Centers with Detent Latching

For quantities greater than listed, call for quote.

571-1022411	B	3	.300	.23	.21	.16
571-1022412	B	4	.400	.24	.22	.20
571-1022413	B	5	.500	.27	.24	.20
571-1022414	B	6	.600	.32	.29	.22
571-1022415	B	7	.700	.31	.29	.24
571-1022416	B	8	.800	.35	.32	.26
571-1022417	B	9	.900	.38	.34	.28
571-1022418	B	10	1.000	.46	.42	.32

Non-Polarized Double Row Housings .100" x .100" Centers

For quantities greater than listed, call for quote.

571-874562	C	6	.305	.87	.79	.59
571-874564	C	8	.405	.90	.82	.61
571-874566	C	10	.505	.93	.84	.63
571-874568	C	12	.605	.99	.90	.67
571-1874560	C	14	.705	1.02	.92	.69
571-1874562	C	16	.805	.89	.81	.71

Polarized Double Row Housings .100" x .100" Center with Detent Latching

For quantities greater than listed, call for quote.

571-876312	D	6	.300	.64	.61	.57
571-876314	D	8	.400	.68	.66	.61
571-876316	D	10	.500	.79	.72	.63
571-876318	D	12	.600	.87	.79	.69
571-1876310	D	14	.700	.91	.83	.73
571-1876312	D	16	.800	1.01	.92	.81
571-1876316	D	20	1.000	1.18	1.07	.94
571-2876312	D	26	1.300	1.38	1.25	1.09

Center Polarized Double Row Housings .100" x .100" Centers

For quantities greater than listed, call for quote.

571-1023871	E	10	.68	.99	.90	.67
571-1023872	E	14	.88	.87	.79	.69
571-1023873	E	16	.98	1.22	1.11	.83
571-1023874	E	20	1.18	1.39	1.27	.95
571-1023875	E	24	1.38	1.51	1.37	1.03
571-1023876	E	26	1.48	1.28	1.16	1.02
571-1023878	E	34	1.88	1.94	1.77	1.33
571-1023879	E	40	2.18	2.15	1.95	1.46
571-11023870	E	50	2.68	2.64	2.40	1.80

KEYING PLUG

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Material	Price Each		
			1	100	500
571-870772	F	Natural color nylon	.13	.12	.11

MOD.IV PIN AND RECEPTACLE CONTACTS

Contact Plating:

1 = Duplex plated .00003 min. gold on contact area. .0001 ~ .0002 min. tin-lead on solder area, with entire post underplated .00005 min. nickel.
2 = Duplex plated .000015 min. gold on contact area. .0001 ~ .0002 min. tin-lead on solder area, with entire post underplated .00005 min. nickel.
3 = Selectively plated .000030 gold on contact area, with gold flash over .000050 nickel on entire contact.
4 = Selectively plated .000015 gold on contact area, with gold flash over .000050 nickel on entire contact.
5 = .000100~.000200 bright tin-lead over .000050 nickel on entire contact

Crimp Snap-In Pins with Insulation Support

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Material	Plating	Wire AWG	Terminal Length (In.)	Price Each		
						1	100	500
571-1021072	G	Ph Bz	3	26-22	.815	.31	.28	.25
571-1021071	G	Ph Bz	4	26-22	.815	.26	.24	.21
571-1021073	G	Ph Bz	5	26-22	.815	.12	.11	.10

Standard Pressure Receptacle Contact

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Material	Plating	Wire AWG	Terminal Length (In.)	Price Each		
						1	100	500
571-876673	H	Be Cu	5	26-22	.445	.20	.19	.14
571-876672	H	Be Cu	3	26-22	.445	.29	.26	.20
571-860163	H	Be Cu	5	24-20	.470	.20	.19	.14
571-860162	H	Be Cu	3	24-20	.470	.29	.26	.20
571-11023164	H	Cu Sn Ph Bz	1	32-27	.445	.21	.19	.14
571-11023163	H	Cu Sn Ph Bz	2	32-27	.445	.20	.18	.14
571-1029172	H	Be Cu	3	32-27	.445	.32	.29	.22
571-1877568	H	Cu Sn Ph Bz	1	26-22	.445	.21	.19	.14
571-1877566	H	Cu Sn Ph Bz	2	26-22	.445	.20	.18	.14
571-877567	H	Cu Sn Ph Bz	5	26-22	.445	.13	.11	.09
571-876665	H	Be Cu	4	26-22	.445	.26	.24	.18
571-1875239	H	Cu Sn Ph Bz	1	24-20	.470	.21	.19	.14
571-1875236	H	Cu Sn Ph Bz	2	24-20	.470	.20	.18	.14
571-860165	H	Be Cu	4	24-20	.470	.29	.26	.20
571-875236	H	Cu Sn Ph Bz	5	24-20	.470	.12	.11	.08

Intermediate Pressure Receptacle Contact

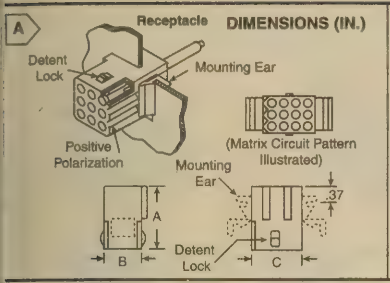
For quantities greater than listed, call for quote.

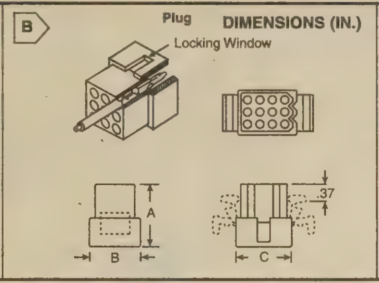
MOUSER STOCK NO.	Fig.	Material	Plating	Wire AWG	Terminal Length (In.)	Price Each		
						1	100	500
571-870464	H	Be Cu	5	24-20	.470	.24	.22	.17
571-870463	H	Be Cu	1	24-20	.470	.33	.27	.22
571-1029202	H	Cu Sn Ph Bz	1	32-27	.445	.21	.19	.14
571-1029182	H	Be Cu	3	32-27	.445	.35	.31	.28
571-1031715	H	Cu Sn Ph Bz	1	26-22	.445	.21	.19	.14
571-1025486	H	Be Cu	3	26-22	.445	.32	.29	.22
571-1025483	H	Be Cu	4	26-22	.445	.26	.24	.18
571-2871951	H	Cu Sn Ph Bz	1	24-20	.445	.21	.19	.14
571-1871958	H	Cu Sn Ph Bz	2	24-20	.470	.20	.18	.14
571-870461	H	Be Cu	4	24-20	.470	.29	.27	.20

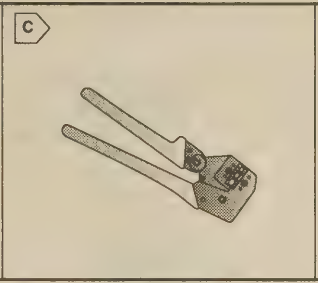
High Pressure Receptacle Contact

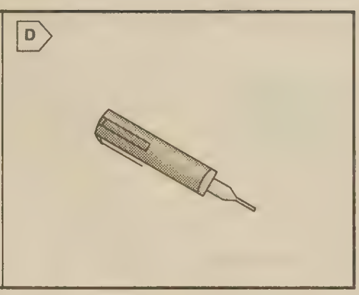
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Material	Plating	Wire AWG	Terminal Length (In.)	Price Each		
						1	100	500
571-1021282	H	Ph Bz	5	26-22	.445	.16	.14	.11
571-1021281	H	Ph Bz	3	26-22	.445	.25	.23	.17
571-1873093	H	Ph Bz	5	24-20	.470	.15	.14	.11
571-1873094	H	Ph Bz	3	24-20	.470	.25	.23	.17
571-1034552	H	Ph Bz	4	32-27	.445	.35	.32	.24









irectly intermateable/interchangeable with Molex type shown.

ese nylon housing connectors are used throughout the world in appliances, televisions, electronic games, business machines, and computers. All items are UL recognized (file no. E28476) and SA listed (file no. LR-16455-101). These connectors are totally intermateable/interchangeable (housing for housing; contact for contact; assembly for assembly) with industry standard connectors the same type. Molex type is shown as an industry reference.

E28476 E28476

093" TERMINAL HOUSINGS

- .198" grid spacing
- UL94V-2 nylon natural color
- Accepts 24-14AWG wire
- Polarized

anel Mount Receptacles, without Detent Lock

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
71-7700851	A	03-09-1062	6	Matrix	1.000	.635	.435	.46	.21	.19
71-7700911	A	03-09-1092	9	Matrix	1.000	.635	.670	.58	.26	.23
71-7700971	A	03-09-1121	12	Matrix	1.000	.635	.870	.64	.29	.26
71-7701031	A	03-09-1151	15	Matrix	1.000	.635	1.070	.88	.39	.35

anel Mount Receptacles, with Detent Lock

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
71-7700661	A	03-09-1027	2	In-line	1.125	.240	.540	.25	.11	.10
71-7700711	A	03-09-1031	3	In-line	1.125	.240	.670	.35	.16	.14
71-7700761	A	03-09-1041	4	In-line	1.125	.240	.870	.38	.17	.15
71-7700871	A	03-09-1061	6	Matrix	1.000	.635	.435	1.45	.65	.58

ree-Hanging Receptacles, without Detent Lock

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
71-7700881	A	03-09-1063	6	Matrix	1.000	.635	.435	.44	.20	.18
71-7700941	A	03-09-1093	9	Matrix	1.000	.635	.670	1.54	.69	.62
71-7701001	A	03-09-1122	12	Matrix	1.000	.635	.870	1.56	.70	.62
71-7701051	A	03-09-1152	15	Matrix	1.000	.635	1.070	.88	.39	.35

ree-Hanging Receptacles, with Detent Lock

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
71-7700631	A	03-09-1011	1	In-line	1.000	.240	- - -	.13	.08	.06
71-7700651	A	03-09-1022	2	In-line	1.125	.240	.540	.13	.10	.08
71-7700701	A	03-09-1032	3	In-line	1.125	.240	.670	.33	.21	.16
71-7700751	A	03-09-1042	4	In-line	1.125	.240	.870	.38	.24	.18
71-7708431	A	03-09-1049	4	Matrix	1.000	.635	.443	.76	.47	.36
71-7700831	A	03-09-1052	5	In-line	1.000	.240	1.070	.26	.20	.16
71-7700861	A	03-09-1064	6	Matrix	1.000	.635	.435	.44	.28	.18
71-7700921	A	03-09-1094	9	Matrix	1.000	.635	.670	.56	.35	.26
71-7700981	A	03-09-1126	12	Matrix	1.000	.635	.870	.57	.36	.27

anel Mount Plugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
71-7700681	B	03-09-2021	2	In-line	1.095	.340	.640	.35	.31	.28
71-7700731	B	03-09-2031	3	In-line	1.095	.340	.770	.17	.15	.12
71-7700771	B	03-09-2041	4	In-line	1.095	.340	.970	.18	.16	.13
71-7700891	B	03-09-2061	6	Matrix	.970	.735	.535	.23	.20	.16
71-7701061	B	03-09-2152	15	Matrix	.970	.735	1.170	.69	.63	.57

ree-Hanging Plugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
71-7700641	B	03-09-2011	1	In-line	.970	.245	- - -	.16	.09	.08
71-7700691	B	03-09-2022	2	In-line	1.095	.340	.640	.24	.18	.14
71-7700741	B	03-09-2032	3	In-line	1.095	.340	.770	.24	.13	.11
71-7700781	B	03-09-2042	4	In-line	1.095	.340	.970	.36	.20	.14
71-7708421	B	03-09-2049	4	Matrix	.970	.735	.540	1.24	.68	.59
71-7700841	B	03-09-2052	5	In-line	.970	.340	1.170	.20	.16	.12
71-7700901	B	03-09-2062	6	Matrix	.970	.735	.535	.50	.28	.24
71-7700961	B	03-09-2092	9	Matrix	.970	.735	.770	.55	.30	.25
71-7701021	B	03-09-2121	12	Matrix	.970	.735	.970	.57	.31	.27
71-7701071	B	03-09-2153	15	Matrix	.970	.735	1.170	.79	.43	.38

SOFT SHELL MINIATURE .062" TERMINAL HOUSINGS

- .145" grid spacing
- UL94V-2 nylon natural color
- Accepts 30-18AWG wire
- Polarized

Free-Hanging Receptacles

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
571-7702771	A	03-06-1011	1	In-line	- - -	- - -	.785	.13	.08	.06
571-7703421	A	03-06-1023	2	In-line	.340	.199	.820	.15	.11	.086
571-7703331	A	03-06-1032	3	In-line	.490	.199	.785	.26	.19	.14
571-7702741	A	03-06-1042	4	In-line	.635	.199	.785	.43	.35	.34
571-7704421	A	03-06-1044	4	Matrix	.345	.345	.878	.46	.29	.22
571-7703561	A	03-06-1062	6	Matrix	.345	.495	.785	.43	.27	.20
571-7704291	A	03-06-1092	9	Matrix	.490	.495	.790	.49	.30	.23

Free-Hanging Plugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Molex Type	No. of Circuits	Circuit Pattern	Dimensions (In.)			Price Each		
					A	B	C	1	10	100
571-7702781	B	03-06-2011	1	In-line	- - -	- - -	.750	.13	.09	.07
571-7703401	B	03-06-2023	2	In-line	.440	.300	.780	.11	.08	.06
571-7703311	B	03-06-2032	3	In-line	.590	.300	.750	.28	.16	.13
571-7702751	B	03-06-2042	4	In-line	.733	.300	.750	.41	.37	.34
571-7704331	B	03-06-2044	4	Matrix	.445	.445	.868	.46	.26	.22
571-7703551	B	03-06-2061	6	Matrix	.445	.600	.750	.37	.21	.17
571-7704281	B	03-06-2092	9	Matrix	.590	.600	.750	.43	.25	.20

PIN AND SOCKET CONTACTS

For use with Standard .093" Terminal Housings

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Type	Style	Wire Size (AWG)	Finish and Materials	Price Each			
					1	100	500	1000
571-7701451	02-09-2103	Pin	14-20	Tin over brass	.07	.06	.05	.03
571-7701471	02-09-2118	Pin	18-24	Tin over brass	.07	.06	.05	.03
571-7701441	02-09-1104	Socket	14-20	Tin over brass	.07	.06	.05	.03
571-7701461	02-09-1119	Socket	18-24	Tin over brass	.07	.06	.05	.03

For use with Soft Shell Miniature .062" Terminal Housings

MOUSER STOCK NO.	Molex Type	Style	Wire Size (AWG)	Finish and Materials	Price Each			
					1	100	500	1000
571-7940181	02-06-2132	Pin	30-24	Tin over brass	.07	.06	.05	.03
571-7940171	02-06-2103	Pin	24-18	Tin over brass	.07	.06	.05	.03
571-7940191	02-06-1132	Socket	30-24	Tin over brass	.07	.06	.05	.03
571-7940161	02-06-1103	Socket	24-18	Tin over brass	.07	.06	.05	.03

TOOLS

For use with Standard .093" Pin and Socket Contacts

For quantities greater than listed, call for quote,

MOUSER STOCK NO.	Fig.	Description	Price Each
571-908721	C	Pro-Crimper II hand tool 24-18 AWG	140.40
571-908711	C	Pro-Crimper II hand tool 20-14 AWG	140.40

For use with Soft Shell Miniature .062" Pin and Socket Contacts

MOUSER STOCK NO.	Fig.	Description	Price Each
571-908701	C	Pro-Crimper II hand tool 30-24 AWG	140.40
571-908691	C	Pro-Crimper II hand tool 24-18 AWG	140.40
571-4589944	D	Contact extraction tool	31.85

MTA .100" TERMINAL HOUSING

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positions	Price Each		
			1	10	100
22 AWG, Red Color					
571-6404402	A	2	.09	.07	.06
571-6404403	A	3	.10	.08	.07
571-6404404	A	4	.16	.12	.11
571-6404405	A	5	.21	.16	.14
571-6404406	A	6	.22	.17	.15
571-6404407	A	7	.26	.20	.18
571-6404408	A	8	.29	.23	.21
571-6404409	A	9	.70	.61	.57
571-16404400	A	10	.37	.28	.26
571-16404402	A	12	.47	.36	.33
571-16404404	A	14	1.09	1.05	1.00
571-16404406	A	16	1.55	1.35	1.29
24 AWG, White Color					
571-6404412	A	2	.09	.07	.06
571-6404413	A	3	.10	.08	.07
571-6404414	A	4	.10	.08	.07
571-6404415	A	5	.21	.16	.14
571-6404416	A	6	.22	.17	.15
571-6404418	A	8	.29	.23	.21
571-16404410	A	10	.37	.28	.26
26 AWG, Blue Color					
571-6404422	A	2	.09	.07	.06
571-6404423	A	3	.10	.08	.07
571-6404424	A	4	.16	.12	.11
571-6404425	A	5	.21	.16	.14
571-6404426	A	6	.22	.17	.15
28 AWG, Green Color					
571-6404432	A	2	.09	.07	.06
571-6404434	A	4	.16	.12	.11
571-6404436	A	6	.22	.17	.15

MTA .100" FRICTION LOCK HEADERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positions	Price Each		
			1	10	100
Straight Square					
571-6404562	B	2	.06	.05	.04
571-6404563	B	3	.07	.06	.05
571-6404564	B	4	.10	.08	.07
571-6404565	B	5	.12	.09	.08
571-6404566	B	6	.13	.10	.09
571-6404567	B	7	.16	.12	.11
571-6404568	B	8	.16	.12	.11
571-6404569	B	9	.46	.32	.31
571-16404560	B	10	.19	.15	.13
571-16404562	B	12	.29	.22	.20
571-16404564	B	14	.81	.67	.61
571-16404566	B	16	1.02	.71	.69
Right Angle Square					
571-6404572	C	2	.06	.05	.04
571-6404573	C	3	.07	.06	.05
571-6404574	C	4	.10	.08	.07
571-6404575	C	5	.12	.09	.08
571-6404576	C	6	.13	.10	.09
571-6404577	C	7	.16	.12	.11
571-6404578	C	8	.16	.12	.11
571-16404570	C	10	.19	.15	.13

MTA .100" COVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positions	Price Each		
			1	10	100
Dust Covers					
571-6405502	D	2	.08	.07	.06
571-6405503	D	3	.10	.08	.07
571-6405504	D	4	.14	.12	.09
571-6405506	D	6	.16	.12	.11
571-6405508	D	8	.20	.15	.14
Strain Relief Covers					
571-6430752	E	2	.20	.17	.15
571-6430753	E	3	.62	.56	.51
571-6430754	E	4	.26	.20	.18
571-6430755	E	5	.62	.56	.51
571-6430758	E	8	.62	.56	.51

MTA .100" KEYING PLUG

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Each		
		1	10	100
571-6419941	F	.05	.04	.03

MTA .156" TERMINAL HOUSING

Closed end without polarizing tab with locking ramp.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positions	Price Each		
			1	10	100
18 AWG, Orange Color					
571-6404262	A	2	.20	.17	.15
571-6404263	A	3	.18	.16	.12
571-6404264	A	4	.20	.16	.14
571-6404265	A	5	.50	.43	.38
571-6404266	A	6	.23	.19	.18
571-6404268	A	8	.72	.63	.46
571-16404260	A	10	.91	.79	.75
20 AWG, Yellow Color					
571-6404272	A	2	.20	.17	.13
571-6404273	A	3	.11	.09	.08
571-6404274	A	4	.20	.16	.14
571-6404275	A	5	.50	.43	.32
571-6404276	A	6	.27	.21	.19
22 AWG, Red Color					
571-6404282	A	2	.20	.17	.15
571-6404283	A	3	.11	.09	.08
571-6404284	A	4	.20	.16	.14
571-6404285	A	5	.50	.43	.37
571-6404286	A	6	.27	.21	.19
571-6404288	A	8	.72	.63	.54
571-16404280	A	10	2.41	2.09	1.82

MTA .156" FRICTION LOCK HEADERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positions	Price Each		
			1	10	100
Straight Square					
571-6404452	B	2	.06	.05	.04
571-6404453	B	3	.09	.07	.06
571-6404454	B	4	.11	.09	.08
571-6404455	B	5	.14	.11	.10
571-6404456	B	6	.17	.13	.12
571-6404458	B	8	.23	.18	.16
571-6404459	B	9	.65	.56	.48
571-16404450	B	10	.26	.20	.19

MTA .156" COVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positions	Price Each		
			1	10	100
Dust Covers					
571-6405512	D	2	.10	.08	.07
571-6405513	D	3	.08	.06	.05
571-6405514	D	4	.12	.11	.10
571-6405515	D	5	.08	.07	.06
571-6405516	D	6	.15	.14	.13
571-6405518	D	8	.11	.10	.09
571-16405510	D	10	.24	.22	.20
Strain Relief Cover					
571-6430672	E	2	.26	.20	.19
571-6430673	E	3	.45	.42	.40
571-6430674	E	4	.45	.43	.41
571-6430675	E	5	.45	.43	.41
571-6430676	E	6	.46	.43	.41
571-6430678	E	8	.46	.43	.42
571-16430670	E	10	.47	.45	.42

MTA .156" KEYING PLUG

For quantities greater than listed, call for quote.

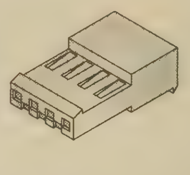
MOUSER STOCK NO.	Fig.	Price Each		
		1	10	100
571-6406291	F	.08	.07	.06

MTA TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
For use with MTA .100" Series			
571-598031	G	T handle maint. tool	15.41
571-580741	H	Hand tool pistol grip	48.10
571-582461	I	Interchangeable head	101.40
571-3549401	J	Pro-Crimper II frame	65.00
571-585172	J	Pro-Crimper II die set	137.80
571-585171	J	Pro-Crimper II with dies	174.20
For use with MTA .156" Series			
571-598041	G	T handle maint. tool	16.07
571-580741	H	Hand tool pistol grip	48.10
571-582471	I	Interchangeable head	101.40
571-901232	K	Hand tool insul dia. .060-.100	330.20
571-901235	K	Hand tool insul dia. .043-.075	336.80

A



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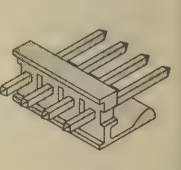

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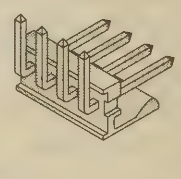

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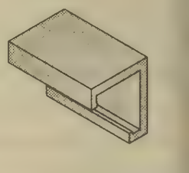

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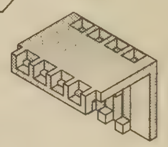

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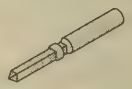

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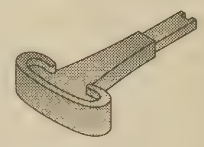

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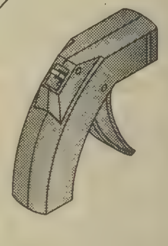

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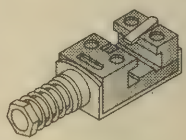

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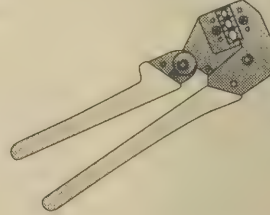

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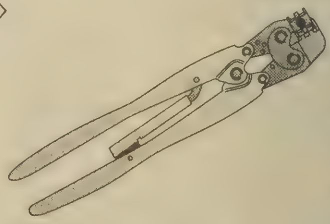
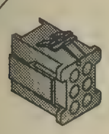


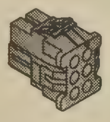
tyco Electronics AMP (MR) Miniature Rectangular Connectors and Tools

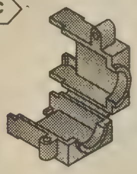
ne (MR) Series connector family consists of UL94V-0, soft shell nylon housings, contacts, strain reliefs, and PCB headers. Housings lock to prevent accidental disengagement and are designed for free-hanging or panel mount pplications. Socket housing utilize an egg crate design, fully enclosing socket contacts reducing shock hazard. High density design is achieved through .165" contact centerline spacing.

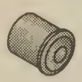
eatures:
- Positive lock design
- Protected contacts reduce shock hazard
- Polarized for proper mating
- Numbered cavities simplify circuit identification

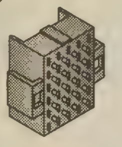
Specifications:
- .165" contact centerline spacing
- 26-18AWG wire size
- UL94V-0 flammability rating
- UL Recognized, CSA Certified

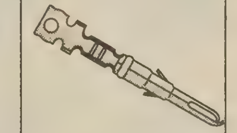


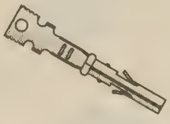


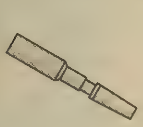


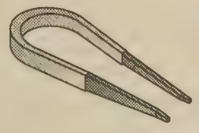


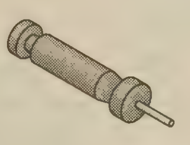


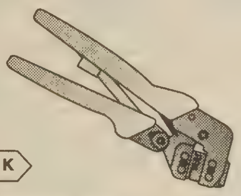


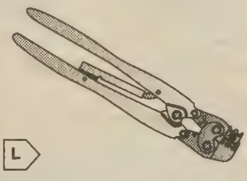












IN HOUSINGS (CAP)

(Order contacts separately)

MOUSER STOCK NO.	Fig.	No. of Circuits	Circuit Pattern	Price Each		
				1	10	100
571-16405070	A	2	In-line	.34	.31	.28
571-16405080	A	3	In-line	.50	.46	.41
571-16405090	A	4	Matrix	.54	.49	.44
571-16405100	A	6	Matrix	.61	.56	.50
571-16405110	A	9	Matrix	.66	.60	.47
571-16405120	A	12	Matrix	.73	.66	.52
571-16405130	A	15	Matrix	.81	.73	.65
571-16405140	A	20	Matrix	1.28	1.15	.90
571-16405150	A	24	Matrix	1.36	1.23	.96

OCKET HOUSINGS (PLUG)

(Order contacts separately)

MOUSER STOCK NO.	Fig.	No. of Circuits	Circuit Pattern	Price Each		
				1	10	100
571-16405170	B	2	In-line	.40	.37	.34
571-16405180	B	3	In-line	.49	.45	.40
571-16405190	B	4	Matrix	.77	.70	.64
571-16405200	B	6	Matrix	.68	.62	.56
571-16405210	B	9	Matrix	.99	.91	.83
571-16405220	B	12	Matrix	.73	.66	.59
571-16405230	B	15	Matrix	.78	.71	.63
571-16405240	B	20	Matrix	1.28	1.15	.91
571-16405250	B	24	Matrix	1.36	1.23	.96
571-16405260	B	36	Matrix	1.41	1.27	1.14

TRAIN RELIEFS

One piece clam shell design • Use with pin or socket housings

MOUSER STOCK NO.	Fig.	No. of Circuits	I.D. (In.)	Price Each		
				1	10	100
571-3503731	C	6	.374	1.83	1.66	1.51
571-3505221	C	9	.420	.99	.90	.81
571-3505231	C	15	.420	1.42	1.35	1.27
571-3505241	C	24	.560	1.50	1.42	1.34
571-4805941	C	36	.560	2.65	2.39	2.14

TRAIN RELIEF ADAPTING GROMMETS

MOUSER STOCK NO.	Fig.	No. of Circuits	I.D. (In.)	Price Each		
				1	10	100
571-13503770	D	6	.156	.55	.52	.46
571-13503760	D	6	.218	.69	.63	.57
571-13503750	D	6	.296	.52	.49	.44
571-13503781	D	9	.218	.53	.51	.45
571-13503791	D	9	.250	.53	.51	.45
571-13503801	D	9	.281	.59	.53	.47
571-13809360	D	20	.375	.56	.53	.47
571-13809370	D	20	.312	1.03	.94	.85

PC BOARD VERTICAL PIN HEADERS

- .165" centerline spacing
- Phosphor bronze contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Circuits	PCB Thick (In.)	Contact Finish	Price Each		
					1	10	100
571-6404971	E	2	.062	Tin	.45	.41	.37
571-6404981	E	3	.062	Tin	.68	.61	.55
571-6404992	E	4	.062	Gold	1.77	1.67	1.49
571-6405001	E	6	.062	Tin	.93	.88	.78
571-6405002	E	6	.062	Gold	2.43	2.30	2.04
571-6405004	E	6	.120	Gold	2.43	2.30	2.04
571-6405011	E	9	.062	Tin	1.20	1.14	1.01
571-6405012	E	9	.062	Gold	3.36	3.19	2.83
571-6405031	E	15	.062	Tin	1.89	1.79	1.59
571-6405041	E	20	.062	Tin	2.46	2.33	2.07
571-6405042	E	20	.062	Gold	6.98	6.61	5.88
571-6405051	E	24	.062	Tin	2.74	2.59	2.30
571-6405052	E	24	.062	Gold	7.75	7.34	6.53
571-6405064	E	36	.120	Gold	30.05	27.32	20.24

PIN AND SOCKET CONTACTS

Pin Contacts

- .068" pin diameter
- Phosphor bronze

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Wire AWG	Contact Finish	Price Each		
				1	10	100
571-6405451	F	26-18	Tin	.21	.14	.13
571-6405452	F	26-18	Gold	.54	.50	.45

Socket Contacts

- .068" pin diameter
- Phosphor bronze

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Wire AWG	Contact Finish	Price Each		
				1	10	100
571-6413001	G	26-18	Tin	.21	.14	.13
571-6413002	G	26-18	Gold	.57	.52	.41

KEYING PLUG

For quantities greater than listed, call for quote.

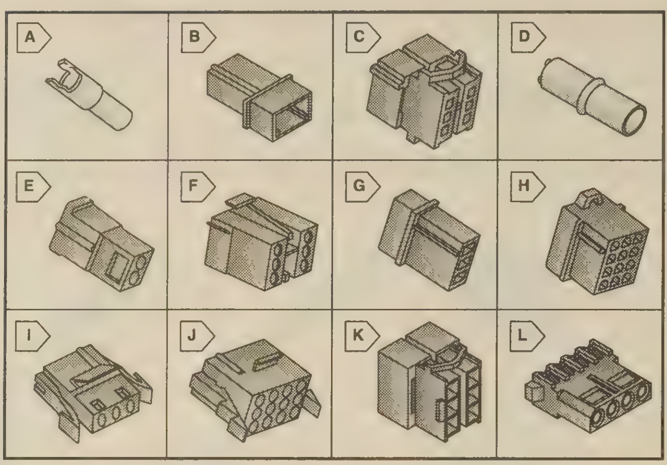
MOUSER STOCK NO.	Fig.	Description	Price Each
571-3505911	H	Keying plug for use in socket housings only	.38

TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
571-4558301	I	Contact insertion tool	14.95
571-4558222	J	Contact extraction tool	14.95
571-585141	K	Procrimper II hand tool	157.95
571-903251	L	Certi-Crimp hand tool	440.70

tyco Electronics AMP Commercial MATE-N-LOK Connectors



COMMERCIAL MATE-N-LOK CONNECTORS

E28476 LR16476

Features:
- Fully polarized 94V-2 housings
- Integral design locking devices
- Connectors can be panel mounted to .025" - .065" panels
- Contacts accept wire size range 24-14AWG

Specifications:
- Current rating: 7A
- Voltage rating: 300V
- Operating temperature: -20°C to +105°C

Free Hanging Pin Housing - UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Housing Type	Price Each		
				1	100	500
571-14803500	A	1	Detent lock	.09	.08	.07
571-14803510	A	1	Positive lock	.08	.07	.06
571-14803190	B	2	In-line version	.09	.08	.07
571-14803050	G	3	In-line version	.17	.14	.13
571-14804260	G	4	In-line version	.21	.17	.15
571-14803400	C	6	Matrix version	.31	.28	.25
571-14803450	C	8	Matrix version	.50	.45	.42
571-14803390	C	10	Matrix version	.40	.35	.32

Free Hanging Socket Housing - UL 94V-2 Natural Nylon Color

571-14803490	D	1	Detent / Positive	.08	.07	.06
571-14807200	E	2	Positive	.30	.25	.23
571-14803180	E	2	Detent	.09	.08	.07
571-14807210	E	3	Positive	.67	.53	.50
571-14803030	E	3	Detent	.18	.15	.13
571-14807220	E	4	Positive	1.09	.91	.83
571-14804240	E	4	Detent	.18	.15	.14
571-14802700	F	6	Positive	.35	.29	.26
571-14802830	F	8	Positive	.36	.30	.27
571-14802850	F	10	Positive	.74	.57	.54
571-14802870	F	12	Positive	.72	.59	.54
571-14804380	F	16	Positive	1.37	1.13	1.04

Panel Mount Pin Housing - UL 94V-2 Natural Nylon Color

571-14803050	G	3	In-line version	.17	.14	.13
571-14804260	G	4	In-line version	.21	.17	.15
571-14802760	H	6	Matrix version	.34	.28	.25
571-14802770	H	9	Matrix version	.64	.58	.53
571-14802780	H	12	Matrix version	.71	.67	.61
571-14803240	H	15	Matrix version	.92	.84	.76

Panel Mount Socket Housing - UL 94V-2 Natural Nylon Color

571-14803040	I	3	In-line version	.20	.16	.15
571-14804250	I	4	In-line version	.46	.42	.35
571-14802730	J	6	Matrix version	.57	.51	.47
571-14802740	J	9	Matrix version	.65	.55	.52
571-14802750	J	12	Matrix version	.74	.63	.60
571-14803230	J	15	Matrix version	1.01	.85	.80

Motor Mount Pin Housing - UL 94V-2 Natural Nylon Color

571-14802710	K	6	Dual row, positive lock	.54	.48	.44
571-14804390	K	16	Dual row, positive lock	.77	.69	.64

4 Circuit In-Line Insulation Displacement Connectors (IDC)

- UL 94V-2 housing
- Phosphor bronze contact Pre-tin finish
- Mates with 571 14804260, 571-3502111, 571-3502112, 571-3504241

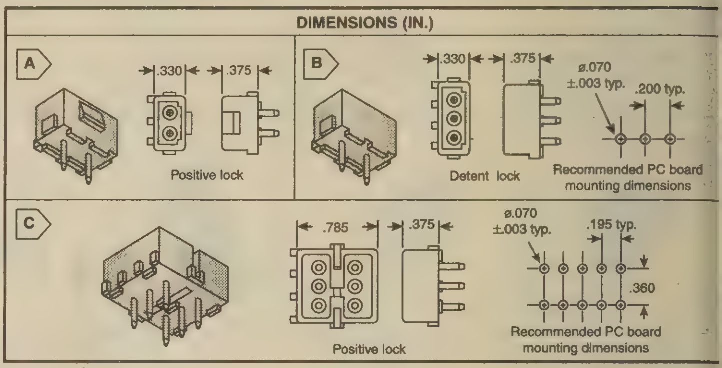
MOUSER STOCK NO.	Fig.	Wire Size AWG	Color	Housing Type	Price Each		
					1	100	500
571-7701562	L	22	Red	In-line version	.45	.38	.34
571-7701564	L	20	Yellow	In-line version	.45	.38	.34
571-7701563	L	18	Orange	In-line version	.45	.38	.34

Dust Covers for IDC Connectors

MOUSER STOCK NO.	Description	Price Each		
		1	100	500
571-7702321	For feed to wiring applications	.13	.11	.10
571-7702331	For feed through wiring applications	.13	.11	.10

PC BOARD MOUNT CONNECTORS

DIMENSIONS (IN.)



Features:
- Fully polarized 94 V-2 nylon housings
- Integral design locking devices
- PCB mounting
- Available in 2-16 circuits
- Available in tin or gold plated copper
- Alloy contacts

LR16455-38 E28476

Vertical Pin Header Assemblies

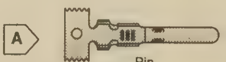
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Plating	Housing Type	No. of Circuits	Mates With	Price Each		
						1	100	500
For Use With .062" PCB Thickness								
571-3505391	A	Tin	Positive lock	2	571-14807200	.40	.33	.30
571-3502091	B	Tin	Detent lock	2	571-14803180	.30	.25	.23
571-3505411	A	Tin	Positive lock	3	571-14807210	.92	.77	.69
571-3502101	B	Tin	Detent lock	3	571-14803030	.48	.40	.36
571-3505431	A	Tin	Positive lock	4	571-14807220	.87	.72	.63
571-3502111	B	Tin	Detent lock	4	571-14804240	.45	.37	.34
571-13809990	C	Tin	Positive lock	6	571-14802700	.61	.51	.46
571-3502121	C	Tin	Positive lock	8	571-14802830	.71	.60	.54
571-13809910	C	Tin	Positive lock	10	571-14802850	.84	.70	.63
571-3502131	C	Tin	Positive lock	12	571-14802870	1.56	1.31	1.20
571-3502141	C	Tin	Positive lock	16	571-14804380	1.76	1.46	1.32
For Use With .125" PCB Thickness								
571-3504221	B	Tin	Detent lock	2	571-14803180	.53	.44	.40
571-3504241	B	Tin	Detent lock	4	571-14804240	.72	.60	.54
571-3504251	C	Tin	Positive lock	6	571-14802700	.87	.72	.65
571-3504261	C	Tin	Positive lock	8	571-14802830	.98	.82	.73
571-3502191	C	Tin	Positive lock	10	571-14802850	1.54	1.29	1.19
571-3502201	C	Tin	Positive lock	12	571-14802870	1.71	1.42	1.28

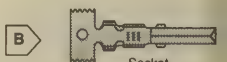
PIN AND SOCKET CONTACTS

Contacts to be used in Commercial MATE-N-LOK Housings only.

Features:
- Tin plated brass
- Pin length: .805"
- Socket length: .695"



Pin

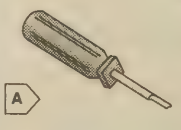


Socket

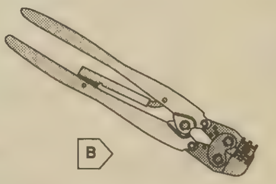
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	100	500
571-606201	A	Pin 20-14AWG	.08	.07	.06
571-606181	A	Pin 24-18AWG	.08	.07	.06
571-606191	B	Socket 20-14AWG	.08	.07	.06
571-606171	B	Socket 24-18AWG	.08	.07	.06

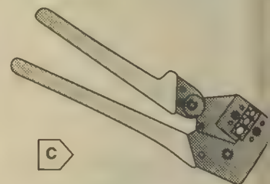
TOOLS



Extraction Tool



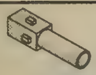
Crimping Tool



Pro-Crimper II

MOUSER STOCK NO.	Fig.	Description	Price Each
571-4656441	A	Contact extraction tool	10.92
571-901232	B	24-18AWG Certi-Crimp crimping tool	330.20
571-901242	B	20-14AWG Certi-Crimp crimping tool	330.20
571-905741	C	24-18 AWG Pro-Crimper II	140.40
571-905751	C	20-14 AWG Pro-Crimper II	140.40

tyco Electronics AMP Universal MATE-N-LOK Connectors

A

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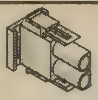
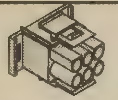
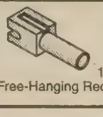
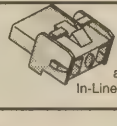
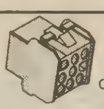
Free-Hanging Plug

B

2, 3, 4, 5, 6,
and 8 Circuit
In-Line Plug

C

6, 9, 12, and
15 Circuit
Matrix Plug

D

1 Circuit
Free-Hanging Receptacle

E

2, 3, 4, 5, 6,
and 8 Circuit
In-Line Receptacle

F

6, 9, 12,
and 15
Circuit Matrix
Receptacle

UNIVERSAL MATE-N-LOK CONNECTORS

Specifications:
- Current rating is 15A
- .250" contact center spacing

E28976 LR16476

in Housings • UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
571-13508670	A	1	.13	.10	.07
571-14806980	B	2	.22	.17	.13
571-14807000	B	3	.21	.16	.13
571-14807020	B	4	.23	.18	.14
571-14807630	B	5	.28	.22	.17
571-6405851	B	6	.56	.43	.33
571-14807040	C	6	.28	.21	.16
571-6405861	B	8	.64	.60	.54
571-14807060	C	9	.31	.24	.19
571-14807080	C	12	.36	.28	.22
571-14807100	C	15	.53	.41	.31

Pin Housings • UL 94V-0 Solid White Color

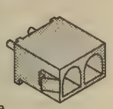
MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
571-3508651	A	1	.24	.22	.19
571-3507771	B	2	.38	.29	.23
571-3507661	B	3	.37	.28	.22
571-3507791	B	4	.39	.30	.23
571-3508091	B	5	.41	.32	.24
571-6405811	B	6	.88	.67	.52
571-3507151	C	6	.55	.43	.33
571-6405821	B	8	.75	.57	.44
571-3507201	C	9	.48	.37	.29
571-3507351	C	12	.62	.47	.36
571-3507361	C	15	.79	.61	.47

Socket Housings • UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
571-7704211	D	1	.13	.10	.08
571-14806990	E	2	.20	.16	.12
571-14807010	E	3	.22	.17	.13
571-14807030	E	4	.23	.17	.13
571-14807640	E	5	.32	.25	.19
571-9263071	E	6	1.11	1.03	.94
571-14807050	F	6	.26	.20	.16
571-9263081	E	8	1.03	.96	.87
571-14807070	F	9	.28	.22	.17
571-14807090	F	12	.32	.25	.19
571-14807110	F	15	.47	.36	.28

Socket Housings • UL 94V-0 Solid White Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
571-3508661	D	1	.24	.22	.19
571-3507781	E	2	.44	.34	.26
571-3507671	E	3	.45	.34	.26
571-3507801	E	4	.49	.38	.29
571-3508101	E	5	.50	.38	.29
571-9263073	E	6	1.38	1.25	1.14
571-9263083	E	8	1.24	1.16	1.13
571-3507821	F	9	.59	.46	.35
571-3507831	F	12	.73	.56	.43
571-3507841	F	15	.89	.83	.77

A

Inline

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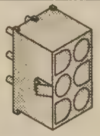
Matrix

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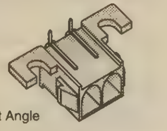

Right Angle

PC BOARD MOUNT CONNECTORS

pecifications:
- Up to 15A current rating (using 14AWG wire)
- 500VAC voltage rating

eatures:
- Pin or socket contacts included
- Phosphor bronze contacts
- .062 PCB thickness
- Contacts: tin or * gold plated

E28976

LR16476

* Indicated items are gold plated in contact area, all others are tin plated

For quantities greater than listed, call for quote.

ertical Pin Headers

UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
571-3504281	A	2	.33	.26	.20
571-3504291	A	3	.43	.33	.25
571-3504301	A	4	.56	.43	.33
571-6404661	A	5	.86	.66	.51
571-6418321	A	6	3.48	2.68	2.06
571-3504311	B	6	.54	.42	.32
571-3504312	B	6	2.57	2.39	2.21
571-6418251	A	8	.92	.86	.84
571-3504321	B	9	1.01	.77	.60
571-3504322	B	9	3.60	3.36	3.09
571-3504331	B	12	1.21	.93	.72
571-3504341	B	15	1.32	1.02	.78

ertical Pin Headers

UL 94V-0 Solid White Color

571-3507861	A	2	.55	.42	.33
571-3507891	A	3	.67	.51	.40
571-3507921	A	4	.79	.61	.47
571-3507111	B	6	1.30	1.00	.77
571-6418281	A	8	5.17	3.98	3.06
571-3507121	B	9	1.22	.94	.72
571-3507131	B	12	.83	.79	.74
571-3507132	B	12	5.02	3.86	2.97
571-3507141	B	15	1.84	1.42	1.09

Vertical Socket Headers

- UL 94V-2 Natural Nylon Color

MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
571-3507594	A	2	.33	.30	.28
571-3507604	A	3	.41	.38	.35
571-3507614	A	4	.50	.38	.30
571-3507624	B	6	.82	.63	.48
571-3507644	B	12	1.36	1.05	.81
571-3507654	B	15	1.49	1.39	1.26

Vertical Socket Headers

- UL 94V-0 Solid White Color

571-3508241	A	2	.55	.52	.48
571-3508251	A	3	.63	.48	.37
571-3508261	A	4	.85	.66	.51
571-3508271	B	6	1.16	.89	.68
571-3508281	B	9	1.29	.99	.76
571-3508291	B	12	1.71	1.31	1.01

Right Angle Pin Headers

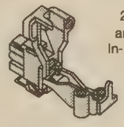
- UL 94V-0 Solid White Color

571-13509420	C	2	1.37	1.06	.81
571-13509430	C	3	1.40	1.08	.83
* 571-23509430	C	3	2.48	2.31	2.15
571-13509440	C	4	1.43	1.10	.85
571-13509450	C	5	1.71	1.31	1.01
* 571-23509450	C	5	3.11	2.90	2.68
571-6405831	C	6	2.62	2.02	1.55
571-6405841	C	8	2.81	2.16	1.66
* 571-6405842	C	8	7.00	5.38	4.14

STRAIN RELIEFS FOR MATE-N-LOK HOUSINGS

LR16476

Strain relief part number represents one-half of a strain relief. Two pieces must be ordered to make a complete housing.


2, 3, 4, 5, 6,
and 8 Circuit
In-Line shown

UL 94V-2

2, 3, 4, 5, 6, & 8 Circuit In-Line

MOUSER STOCK NO.	Price Each		
	1	10	100
571-13505890	.41	.38	.33
571-13505900	.47	.43	.37

UL 94V-0

6, 9,12, & 15 Circuit Matrix

571-3508111	.45	.42	.39
571-3508121	.70	.67	.63

E28976

UL 94V-0 Inline Enclosed

MOUSER STOCK NO.	No. of Circuits	Price Each		
		1	10	100
571-6407131	2	.72	.67	.61
571-6407141	3	1.13	.87	.67
571-6417761	4	.83	.79	.76
571-6430301	5	.83	.79	.76
571-6433131	6	.83	.79	.76
571-6433141	8	.86	.83	.79

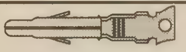
UL 94V-0 Matrix Enclosed

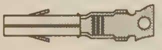
571-6407151	6	1.16	.89	.69
571-6407161	9	1.20	.93	.71
571-6407171	12	.71	.66	.64
571-6407181	15	1.34	1.03	.79

PIN AND SOCKET CONTACTS

Contacts to be used in Universal MATE-N-LOK Housings only.

Features:
- Brass, pre-tinned
- Pin length: .805"
- Socket length: .695"

A

Pin

B

Socket

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
571-3505471	A	20-14 AWG pin contact	.09	.07	.05
571-3506901	A	24-18 AWG pin contact	.09	.07	.05
571-3505501	B	20-14 AWG socket contact	.09	.07	.05
571-3506891	B	24-18 AWG socket contact	.07	.06	.05

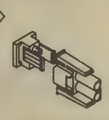
TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
571-903002	24-18 AWG Certi-Crimp	394.55
571-902962	20-14 AWG Certi-Crimp	394.55
571-905481	24-18 AWG Pro-Crimper II	162.50
571-905461	20-14 AWG Pro-Crimper II	162.50
571-4558301	Contact insertion tool	14.95
571-3188511	Contact extraction tool	31.85

UNIVERSAL MATE-N-LOK II CONNECTORS

AMP MATE-N-LOK II Connectors offer the ultimate reliability in a softshell connector. They are designed for use where repair or replacement would be difficult. Available in 2-15 circuit sizes for free hanging or panel mount applications. Connectors consist of a front and rear housing section. Contacts are enclosed for shock protection. Terminals use "F" crimp termination.

A


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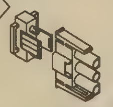

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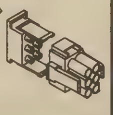

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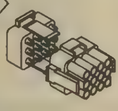

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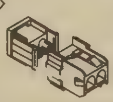

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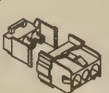

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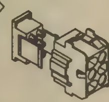

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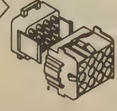

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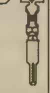

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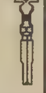


Connectors

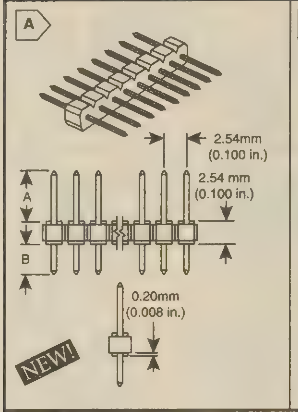
MOUSER STOCK NO.	Fig.	No. of Circuits	Price Each		
			1	10	100
Pin Housings					
571-7700171	A	2	.62	.48	.37
571-7700181	B	3	.68	.52	.40
571-7700191	B	4	.76	.59	.45
571-7700211	D	9	.93	.72	.55
571-7700221	D	12	.96	.91	.83
571-7700231	D	15	1.36	1.04	.80
Socket Housings					
571-7700241	E	2	.63	.49	.37
571-7700251	F	3	.75	.58	.45
571-7700261	F	4	.81	.62	.48
571-7700271	G	6	.86	.66	.51
571-7700281	H	9	.92	.71	.54
571-7700291	H	12	.97	.88	.80
571-7700301	H	15	1.29	.99	.76

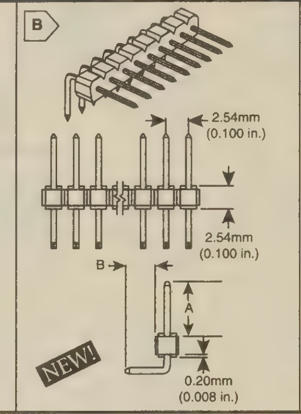
Contacts

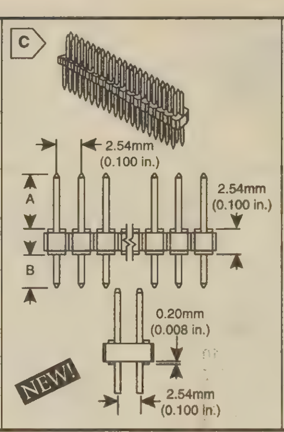
For quantities greater than listed, call for quote.

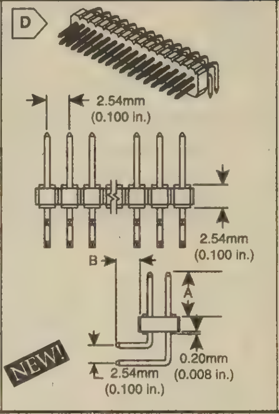
MOUSER STOCK NO.	Fig.	Wire AWG	I.D. Range (In.)	Contact Material	Contact Plating	Price Each		
						1	10	100
Pin Contacts								
571-7702521	I	24-18	.040 - .100	Brass	Tin	.16	.11	.09
571-7702522	I	24-18	.040 - .100	Brass	Gold	.73	.49	.34
571-7702501	I	20-14	.060 - .130	Brass	Tin	.16	.11	.09
571-7702502	I	20-14	.060 - .130	Brass	Gold	.73	.49	.34
571-7702481	I	20-14	.130 - .200	Brass	Tin	.21	.14	.10
571-7702463	I	12-10	.200 max.	Phos. bronze	Tin	.34	.22	.16
Socket Contacts								
571-7702533	J	24-18	.040 - .100	Phos. bronze	Tin	.19	.12	.09
571-7702534	J	24-18	.040 - .100	Phos. bronze	Gold	1.14	.76	.53
571-7702513	J	20-14	.060 - .130	Phos. bronze	Tin	.19	.13	.09
571-7702514	J	20-14	.060 - .130	Phos. bronze	Gold	1.18	.79	.55
571-7702493	J	20-14	.130 - .200	Phos. bronze	Tin	.25	.17	.12
571-7702474	J	12-10	.200 max.	Phos. bronze	Gold	1.62	1.08	.76

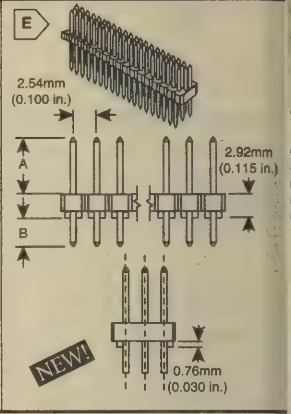
BergStik® II Headers











Features:

- Can be manually broken to the desired length
- Pins positioned on 0.100" centers
- Header body made of glass-filled nylon rated UL 94V-O
- Color: Black
- Phosphor bronze pin

∗ Plating (Finish): 1 is 30μ" gold over 50μ" nickel, 2 is 15μ" gold over 50μ" nickel, 4 is 120μ" 93/7/tin, 6 is 30μ" GXT™ palladium-nickel alloy w/gold finish over 50μ" nickel.

STRAIGHT SINGLE ROW SOLDER TAIL

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pos.	Dimensions		Plating ∗	Price Each		
			Mating End A	Tail End B		1	100	500
649-68000-236	A	36	.230	.095	2	1.38	1.12	.96
649-68000-436	A	36	.230	.095	4	1.01	.82	.70
649-68000-636	A	36	.230	.095	6	1.46	1.19	1.02
649-68001-236	A	36	.230	.120	2	1.32	1.07	.92
649-68001-436	A	36	.230	.120	4	1.05	.86	.74
649-68001-636	A	36	.230	.120	6	1.46	1.19	1.02
649-68002-236	A	36	.230	.150	2	2.80	2.28	1.95
649-68002-436	A	36	.230	.150	4	2.41	1.96	1.68
649-68002-636	A	36	.230	.150	6	3.87	3.15	2.70
649-78511-236	A	36	.318	.120	2	1.51	1.23	1.05
649-78511-436	A	36	.318	.120	4	1.33	1.09	.93
649-78511-636	A	36	.318	.120	6	1.52	1.40	1.33

STRAIGHT SINGLE ROW RETENTIVE SOLDER TAIL

649-69190-402	A	2	.230	.120	4	.16	.14	.12
649-69190-403	A	3	.230	.120	4	.20	.18	.15
649-69190-404	A	4	.230	.120	4	.24	.22	.18
649-69190-405	A	5	.230	.120	4	.32	.29	.24
649-69190-410	A	10	.230	.120	4	.44	.40	.34
649-69190-202	A	2	.230	.120	2	.36	.33	.27
649-69190-203	A	3	.230	.120	2	.43	.39	.32
649-69190-204	A	4	.230	.120	2	.51	.46	.39
649-69190-210	A	10	.230	.120	2	.95	.86	.71
649-69190-610	A	10	.230	.120	6	.84	.75	.63

RIGHT ANGLE SINGLE ROW SOLDER TAIL

649-68015-136	B	36	.23	.090	1	1.72	1.56	1.29
649-68015-236	B	36	.23	.090	2	1.36	1.24	1.02
649-68015-436	B	36	.23	.090	4	.73	.66	.54
649-68015-636	B	36	.23	.090	6	1.52	1.40	1.26
649-68016-136	B	36	.23	.120	1	1.69	1.54	1.27
649-68016-236	B	36	.23	.120	2	2.34	2.13	1.76
649-68016-436	B	36	.23	.120	4	.70	.64	.53
649-68016-636	B	36	.23	.120	6	1.36	1.24	1.02

RIGHT ANGLE SINGLE ROW RETENTIVE SOLDER TAIL

649-69191-402	B	2	.230	.120	4	.16	.14	.12
649-69191-403	B	3	.230	.120	4	.28	.26	.22
649-69191-404	B	4	.230	.120	4	.25	.23	.19
649-69191-405	B	5	.230	.120	4	.28	.26	.22
649-69191-410	B	10	.230	.120	4	.45	.41	.34
649-69191-202	B	2	.230	.120	2	.36	.32	.27
649-69191-203	B	3	.230	.120	2	.50	.45	.37
649-69191-205	B	5	.230	.120	2	.59	.53	.44
649-69191-210	B	10	.230	.120	2	1.00	.90	.75

STRAIGHT DOUBLE ROW SOLDER TAIL

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pos.	Dimensions		Plating ∗	Price Each		
			Mating End A	Tail End B		1	100	500
649-67996-272	C	72	.230	.095	2	2.72	2.45	1.73
649-67996-472	C	72	.230	.095	4	1.92	1.73	1.44
649-67996-672	C	72	.230	.095	6	5.08	4.57	3.81
649-67997-272	C	72	.230	.120	2	2.48	2.23	1.86
649-67997-472	C	72	.230	.120	4	1.88	1.69	1.20
649-67997-672	C	72	.230	.120	6	2.65	2.38	1.99
649-68602-172	C	72	.230	.150	1	11.00	9.90	8.25
649-68602-472	C	72	.230	.150	4	3.78	3.40	2.84
649-68602-672	C	72	.230	.150	6	3.56	3.27	2.95
649-68691-172	C	72	.318	.120	1	2.92	2.63	2.19
649-68691-472	C	72	.318	.120	4	3.68	3.31	2.76
649-68691-672	C	72	.318	.120	6	7.36	6.62	5.50

STRAIGHT DOUBLE ROW RETENTIVE SOLDER TAIL

649-69192-404	C	4	.230	.120	4	.23	.20	.17
649-69192-406	C	6	.230	.120	4	.29	.27	.22
649-69192-408	C	8	.230	.120	4	.39	.35	.29
649-69192-420	C	20	.230	.120	4	.88	.80	.66
649-69192-204	C	4	.230	.120	2	.50	.45	.37
649-69192-206	C	6	.230	.120	2	.59	.53	.44
649-69192-208	C	8	.230	.120	2	.77	.69	.58
649-69192-220	C	20	.230	.120	22	1.79	1.61	1.34

RIGHT ANGLE DOUBLE ROW SOLDER TAIL

649-68020-172	D	72	.23	.095	1	3.73	3.43	3.10
649-68020-272	D	72	.23	.095	2	4.59	4.08	3.37
649-68020-472	D	72	.23	.095	4	1.72	1.55	1.29
649-68020-672	D	72	.23	.095	6	2.77	2.46	2.03
649-68021-172	D	72	.23	.120	1	3.65	3.24	2.67
649-68021-272	D	72	.23	.120	2	4.61	4.10	3.38
649-68021-472	D	72	.23	.120	4	1.51	1.34	1.11
649-68021-672	D	72	.23	.120	6	2.77	2.46	2.03
649-79257-272	D	72	.23	.120	2	4.77	4.24	3.50
649-79257-472	D	72	.23	.120	4	2.16	1.92	1.58

RIGHT ANGLE DOUBLE ROW RETENTIVE SOLDER TAIL

649-69193-404	D	4	.230	.120	4	.29	.27	.22
649-69193-408	D	8	.230	.120	4	.39	.35	.29
649-69193-420	D	20	.230	.120	4	1.31	1.18	.99
649-69193-204	D	4	.230	.120	2	.50	.45	.37
649-69193-208	D	8	.230	.120	2	.82	.73	.61
649-69193-220	D	20	.230	.120	2	1.81	1.63	1.36

STRAIGHT TRIPLE ROW SOLDER TAIL

649-68702-236	E	108	.230	.120	2	13.03	11.73	9.78

BERGSTIK® HEADER CUSTOM DESIGN KIT

Use to develop custom BergStik® applications. Includes 6 each unshrouded BergStiks: types 66796-172, 67797-172 straight, and type 68025-172 right angle 2-row 72-position headers and types 68000-136, 68001-136, 68002-136 straight and type 68016-136 right-angle 1-row 36-position headers. 0.100" (2.54) centerlines, standard solder tails, 30μ" gold over 50μ" nickel plating

MOUSER STOCK NO.	Description	Each
649-WD-KIT	Kit with Cutting Tool and Case	391.79

TYPE WDBS-1 BERGSTIK® DESIGNER KIT

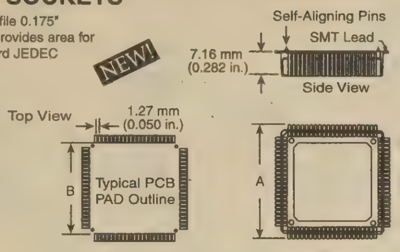
Use in 2,3,4 and 18 circuit combinations for prototype and custom BergCon® system applications. 0.100" (2.54) centerline products, in various sizes. Includes 34 BergStik® unshrouded headers, 24 discrete crimp-to-wire housings, 5 each low-profile/high-body shunts and 50 crimp-to-wire Mini-PV™ receptacles

MOUSER STOCK NO.	Description	Price Each
649-WDBS-1	Bergstik®	59.62

PLCC Sockets and Bergcon® System Connectors

URFACE MOUNT PLCC SOCKETS

urface mount PLCC sockets feature a low profile 0.175" .45), and an inspection window. Center pad provides area for ck and place/socket bonding. Accepts standard JEDEC ounting pad layout.



pecifications:

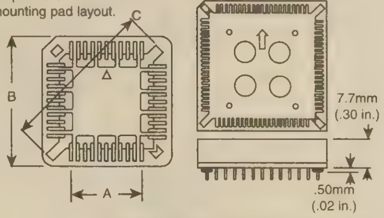
Temperature range: -50°C to 105°C
Current rating: 1A
Capacitance: 1.0pF min.
Insulation resistance: 1000MΩ max.
Withstanding voltage: 6000VAC
Contact material: phosphor bronze
Contact plating: 150μ" tin, 40μ" nickel (min.)
Insulator: Hi-Temp PPS
Flammability rated: UL94V-0, 220°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Leads	A (mm)	B (mm)	Price Each		
				1	25	100
49-PLCC20P-T-SMT	20	.600" (15.24)	.20" (5.08)	.65	.59	.49
49-PLCC28P-T-SMT	28	.700" (17.78)	.30" (7.62)	.65	.59	.49
49-PLCC32P-T-SMT	32	.700" (17.78)	.30" (7.62)	.65	.59	.49
49-PLCC44P-T-SMT	44	.900" (22.86)	.50" (12.70)	.68	.61	.50
49-PLCC52P-T-SMT	52	1.000" (25.40)	.60" (15.24)	.86	.77	.64
49-PLCC68P-T-SMT	68	1.213" (30.81)	.80" (20.32)	1.20	1.10	.91
49-PLCC84P-T-SMT	84	1.413" (35.89)	1.00" (10.16)	1.41	1.28	1.06

THRU-HOLE PLCC SOCKETS

Surface mount PLCC sockets feature a low profile 0.175" (4.45), and an inspection window. Center pad provides area for pick and place/socket bonding. Accepts standard JEDEC mounting pad layout.



Specifications:

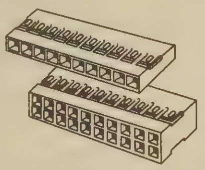
- Operating temperature range: -55°C to 105°C
- Current rating: 1A
- Capacitance: 1.0pF max.
- Contact resistance: 30mΩ max.
- Insulation resistance: 1000MΩ min.
- Withstanding voltage: 600VAC
- Contact material: phosphor bronze alloy 5210, full-hard
- Plating: 0.000150" tin, 0.000040" nickel (min.)
- Socket body material: Hi-Temp PPS
- Flammability rated: UL94V-0, 220°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Leads	A (mm)	B (mm)	C (mm)	Price Each		
					1	100	500
649-PLCC20P-T	20	.200" (5.08)	.613" (15.58)	.720" (18.30)	.53	.48	.40
649-PLCC28P-T	28	.300" (7.62)	.713" (18.12)	.861" (21.87)	.51	.46	.38
649-PLCC32P-T	32	.300" (7.62)	.700" (17.80)	.941" (23.90)	.50	.46	.38
649-PLCC44P-T	44	.500" (12.70)	.913" (23.20)	1.144" (29.06)	.58	.52	.44
649-PLCC52P-T	52	.600" (15.24)	1.06" (26.92)	1.303" (33.10)	.60	.54	.45
649-PLCC68P-T	68	.800" (20.32)	1.217" (30.90)	1.575" (40.00)	.67	.61	.51
649-PLCC84P-T	84	1.00" (25.40)	1.417" (36.00)	1.858" (47.20)	.78	.70	.59

IINI-LATCH PV™ HOUSING

r use with dual metal Mini-PV contacts and crimp-to-wire pins. Allows simultaneous connections of Mini-PV rminated conductors on .100" x .100" or .100" x .200" double row to accommodate Mini-PV receptacles or imp-to-wire male pins. Accepts crimp-to-wire Mini-PV range VG 22-36, and crimp-to-wire pin AWG 22-32.



atures:

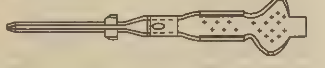
Made of modified polyphenylene oxide
Rated UL 94V-1
Color: black
Insulation resistance: 1 x 10^5MΩ min.
Temperature range: -40°C to +105°C
Withstanding voltage: 100Vrms at sea level
Latching force: 6.5 lbs. min. per position
Optional polarization plug

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Positions	Width (In.)	Price Each			
			1	100	500	1000
Single Row, .100" Centers						
49-65039-035	2	0.200	.32	.29	.24	.20
49-65039-034	3	0.300	.37	.33	.27	.23
49-65039-033	4	0.400	.38	.35	.28	.24
49-65039-032	5	0.500	.45	.41	.33	.28
49-65039-031	6	0.600	.53	.48	.39	.33
49-65039-030	7	0.700	.50	.46	.37	.31
49-65039-029	8	0.800	.57	.51	.42	.35
49-65039-027	10	1.000	.65	.59	.48	.40
ouble Row, .100" x .100" Centers						
49-65043-035	4	0.200	.52	.48	.40	.35
49-65043-034	6	0.300	.50	.46	.39	.34
49-65043-033	8	0.400	.62	.57	.48	.42
49-65043-032	10	0.500	.82	.76	.64	.55
49-65043-031	12	0.600	.42	.39	.33	.28
49-65043-030	14	0.700	1.16	1.07	.90	.78
49-65043-029	16	0.800	.97	.90	.75	.65
49-65043-027	20	1.000	1.42	1.31	1.10	.96
49-65043-017	40	2.000	1.92	1.78	1.49	1.30

IALE CRIMP-TO-WIRE PINS

rimp-to-wire pin fits in Mini-Latch housings. Mates to Mini-PV ceptacles. 0.100" minimum spacing. Brass contact and gold finish.



pecifications:

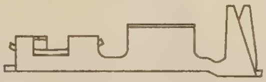
Current rating: 3A continuous depending on wire size
Resistance: 5mΩ max.
Temperature range: -65°C to +125°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AWG	Price Each			
		1	100	500	1000
49-48115-000	28 - 32	.57	.51	.43	.36
49-48116-000	22 - 26	.48	.44	.37	.31
49-48117-000	18 - 20	.55	.49	.42	.35

BERGCON® CRIMP-TO-WIRE MINI-PV™ RECEPTACLES

Mate to .019" and .025" round or square pins. Dual-metal contact design provides constant retention force after repeated cycles. These female receptacles have beryllium-copper spring and brass body. Offer superior electrical and mechanical characteristics. Standard spring force is recommended for use in Mini-Latch housings 40-72 positions. High spring force for Mini-Latch housings 10-50 positions.



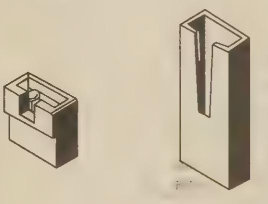
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AWG	Spring Force	Plating *	Price Each			
				1	100	500	1000
649-47716-000	18, 20	High	3	.16	.14	.12	.10
649-48266-000	18, 20	Standard	1	.33	.29	.24	.21
649-47750-000	22, 24, 26	Ultra-High	3	.17	.15	.12	.11
649-47712-000	22, 24, 26	High	4	.40	.37	.30	.27
649-48234-000	22, 24, 26	High	1	.34	.31	.25	.23
649-48235-000	22, 24, 26	Standard	1	.34	.31	.25	.23
649-47747-000	22, 24, 26	Standard	3	.17	.15	.12	.11
649-47748-000	28, 30, 32	High	3	.16	.14	.12	.10
649-48252-000	28, 30, 32	Standard	2	.32	.29	.24	.22

* 1 = 30μ" gold over nickel with gold flash
2 = 15μ" gold over nickel with gold flash
3 = 100μ" tin-lead
4 = 40μ" gold over nickel with gold flash

LOW-PROFILE SHUNT JUMPER SYSTEM

Economical, stackable jumper systems are applicable for bussing, programming and switch replacement. Standard two-position for .100" centers. Low-profile shunt stands .200" above PC board; high-body shunt stands .360" above PC board. Dual-beam, phosphor-bronze contacts, and black glass-filled thermosplastic polyester housing, rated UL94V-0. Shunts mate with .025" square and round pins.

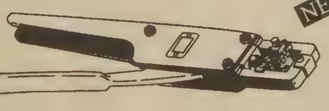


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Plating	Price Each			
		1	100	500	1000
Low Profile					
649-68786-202	30μ" gold	.12	.11	.09	.08
649-68786-302	100μ" tin-lead	.11	.10	.08	.07
High Body					
649-71363-102	15μ" gold	.12	.11	.09	.08
649-71363-202	30μ" gold	.12	.11	.09	.08
649-71363-302	100μ" tin-lead	.11	.10	.08	.07

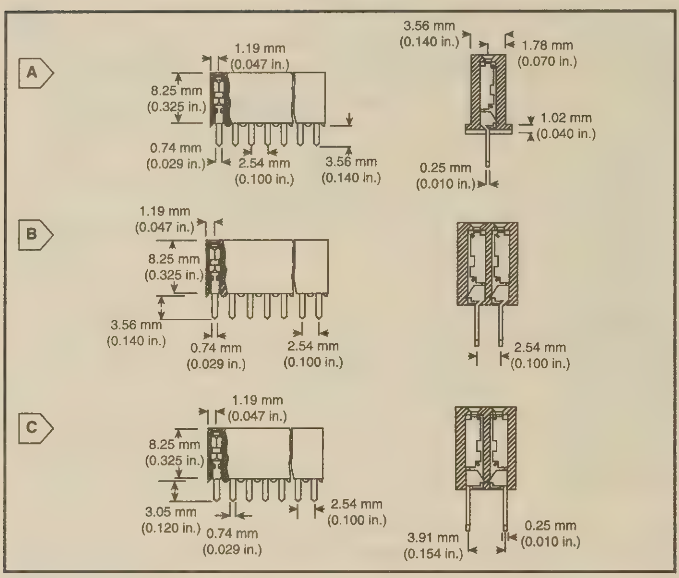
IAND TOOLS

ghtweight, rugged hand ols have ratchet-action andle that assures omplete crimp cycle. For pplication on crimp-to-wire V receptacles and pins.



MOUSER STOCK NO.	Description	AWG	Price Each
649-HT-73	Mini-PV	18-20	709.08
649-HT-95	Mini-PV	22-32	709.08
649-HT-48	Mini-PV	22-26	575.28

MOUSER STOCK NO.	Description	AWG	Price Each
649-HT-80	PV removal tool	- - -	1.29
649-HT-49	Maxi-PV	18-20	575.28
649-HT-110	Pin contacts	18-20	612.00
649-HT-102	Pin contacts	22-32	693.25



BERGCON® SYSTEM PC BOARD MOUNT VERTICAL CARD CONNECTORS

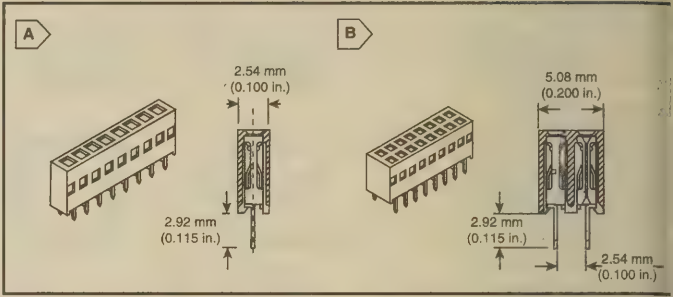
NEW!

Features:

- Designed for parallel board-to-board stacking on 0.100" x 0.100" centerlines
- Dual metal PV brass contacts duplex plated with 30µ" gold in contact area, 100µ" tin-lead in solder area and 50µ" nickel underplated overall
- Beryllium copper thermoplastic polyester housings, rated UL 94V-O
- Spring member plated with gold flash
- Mate with 0.025" square or round pins

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pos.	Width	Price Each			
				1	100	500	1000
66951 Series Single Row 0.140" (3.56) Long Solder Tail							
649-66951-006	A	1x6	0.60 (15.24)	0.85	0.81	0.77	0.68
649-66951-008	A	1x8	0.80 (20.32)	0.94	0.89	0.85	0.75
649-66951-012	A	1x12	1.20 (30.48)	1.32	1.25	1.19	1.06
649-66951-014	A	1x14	1.40 (35.56)	1.51	1.43	1.36	1.21
649-66951-016	A	1x16	1.60 (40.64)	1.67	1.59	1.50	1.34
649-66951-017	A	1x17	1.70 (43.18)	1.80	1.71	1.62	1.44
649-66951-018	A	1x18	1.80 (45.72)	2.12	2.01	1.91	1.70
649-66951-020	A	1x20	2.00 (50.80)	2.12	2.01	1.91	1.70
66953 Series Double Row 0.140" (3.56) Long Solder Tail							
649-66953-006	B	2x6	0.60 (15.24)	1.30	1.24	1.17	1.04
649-66953-007	B	2x7	0.70 (17.78)	1.54	1.46	1.38	1.23
649-66953-010	B	2x10	1.00 (25.40)	2.44	2.32	2.20	1.95
649-66953-014	B	2x14	1.40 (35.56)	2.86	2.72	2.57	2.29
649-66953-015	B	2x15	1.50 (38.10)	3.00	2.85	2.70	2.40
649-66953-017	B	2x17	1.70 (43.18)	3.32	3.15	2.99	2.66
649-66953-020	B	2x20	2.00 (50.80)	3.96	3.76	3.56	3.17
649-66953-025	B	2x25	2.50 (63.50)	4.84	4.60	4.36	3.87
649-66953-030	B	2x30	3.00 (76.20)	5.96	5.66	5.36	4.77
66956 Series Double Row 0.120"(3.05) Long Solder Tail							
649-66956-006	C	2x6	0.60 (15.24)	1.68	1.32	1.25	1.12
649-66956-007	C	2x7	0.70 (17.78)	1.86	1.54	1.39	1.23
649-66956-010	C	2x10	1.00 (25.40)	2.86	2.04	1.84	1.63
649-66956-014	C	2x14	1.40 (35.56)	3.92	3.72	3.54	3.15
649-66956-015	C	2x15	1.50 (38.10)	4.19	3.11	2.95	2.63
649-66956-017	C	2x17	1.70 (43.18)	4.65	3.45	3.28	2.92
649-66956-020	C	2x20	2.00 (50.80)	5.45	4.05	3.85	3.43
649-66956-025	C	2x25	2.50 (63.50)	6.80	5.05	4.80	4.27
649-66956-030	C	2x30	3.00 (76.20)	8.17	6.07	5.77	5.14



DUBOX™ SYSTEM PC BOARD MOUNT VERTICAL CARD CONNECTORS

NEW!

Features:

- Top entry PC board mount receptacles can be stacked side-by-side on 0.100" centerlines
- Preloaded dual cantilever beam phosphor bronze contacts plated with 30µ" gold in contact area
- 100µ" tin-lead in solder area and 50µ" nickel underplated overall
- 0.115" solder tail length
- Molded housings. rated UL 94V-O, feature beveled "lead-in" ramps to prevent pin-stubbing
- Mate with 0.025" square pins

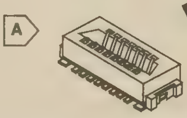
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pos.	Width	Price Each			
				1	100	500	1000
68685 Series Top-Entry Single-Row Assemblies							
649-68685-306	A	1x6	0.617 (15.67)	1.55	1.41	1.28	1.19
649-68685-308	A	1x8	0.817 (20.75)	2.06	1.68	1.52	1.42
649-68685-310	A	1x10	1.017 (25.83)	2.21	2.02	1.83	1.70
649-68685-314	A	1x14	1.417 (35.99)	3.06	2.79	2.53	2.36
649-68685-316	A	1x16	1.617 (41.07)	2.64	1.96	1.86	1.66
649-68685-317	A	1x17	1.717 (43.61)	2.78	2.07	1.97	1.79
649-68685-318	A	1x18	1.817 (46.15)	3.71	3.39	3.07	2.86
649-68685-320	A	1x20	2.017 (51.23)	3.19	2.92	2.64	2.46
68683 Series Top-Entry Double-Row Assemblies							
649-68683-302	B	2x2	0.217 (5.51)	0.98	0.90	0.81	0.76
649-68683-303	B	2x3	0.317 (8.05)	0.98	0.90	0.81	0.76
649-68683-304	B	2x4	0.417 (10.59)	1.38	1.26	1.15	1.07
649-68683-305	B	2x5	0.517 (13.13)	1.21	1.10	1.00	0.93
649-68683-306	B	2x6	0.617 (15.67)	2.31	2.11	1.91	1.78
649-68683-307	B	2x7	0.717 (18.21)	2.10	1.92	1.74	1.62
649-68683-308	B	2x8	0.817 (20.75)	2.38	2.18	1.97	1.84
649-68683-309	B	2x9	0.917 (23.29)	2.84	2.11	1.92	1.83
649-68683-310	B	2x10	1.017 (25.83)	2.73	2.50	2.26	2.11
649-68683-311	B	2x11	1.117 (28.37)	3.42	2.54	2.31	2.19
649-68683-312	B	2x12	1.217 (30.91)	4.53	4.14	3.76	3.50
649-68683-313	B	2x13	1.317 (33.45)	4.62	4.22	3.83	3.56
649-68683-314	B	2x14	1.417 (35.99)	4.33	3.22	2.93	2.79
649-68683-315	B	2x15	1.517 (38.53)	4.20	3.84	3.48	3.24
649-68683-317	B	2x17	1.717 (43.61)	5.11	4.60	4.14	3.23
649-68683-318	B	2x18	1.817 (46.15)	4.90	4.48	4.06	3.78
649-68683-319	B	2x19	1.917 (48.69)	5.71	4.24	3.85	3.67
649-68683-320	B	2x20	2.017 (51.23)	5.43	4.96	4.50	4.19
649-68683-321	B	2x21	2.117 (53.77)	5.67	5.18	4.70	4.37
649-68683-322	B	2x22	2.217 (56.31)	5.82	5.32	4.82	4.49
649-68683-324	B	2x24	2.417 (61.69)	5.98	5.59	5.22	4.89
649-68683-325	B	2x25	2.517 (63.93)	9.63	8.80	7.98	7.43
649-68683-326	B	2x26	2.617 (66.47)	7.83	5.82	5.29	5.04
649-68683-327	B	2x27	2.717 (69.01)	7.14	6.53	5.92	5.51
649-68683-329	B	2x29	2.917 (74.09)	7.67	7.01	6.35	5.91
649-68683-330	B	2x30	3.017 (76.63)	9.01	6.69	6.08	5.79
649-68683-332	B	2x32	3.217 (81.71)	12.32	11.26	10.21	9.50
649-68683-334	B	2x34	3.417 (86.79)	10.24	7.61	6.92	6.59
649-68683-336	B	2x36	3.617 (91.87)	10.84	8.06	7.33	6.98
649-68683-338	B	2x38	3.817 (96.95)	11.44	8.50	7.73	7.36
649-68683-340	B	2x40	4.017 (102.03)	12.02	8.93	8.12	7.73

CONAN™ .039" (1mm) PITCH CONNECTOR SYSTEM

Features:

- Low-profile, surface-mount connectors for close stacking of parallel circuit boards

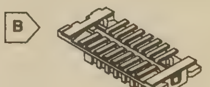


NEW!

Receptacles

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pos.	Width (In.)	Price Each			
				1	100	500	1000
649-91930-21125	A	25	.681	1.85	1.67	1.41	1.19
649-91930-21141	A	41	.996	2.73	2.47	2.08	1.76
649-91930-21151	A	51	1.193	3.26	2.95	2.48	2.09
649-91930-21169	A	69	1.547	3.78	3.42	2.88	2.43



NEW!

Headers

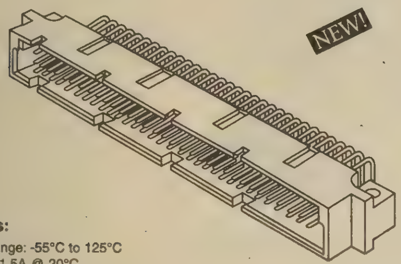
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pos.	Mated Height (in.)	Price Each			
				1	100	500	1000
649-91910-21425	B	25	.236	1.87	1.72	1.55	1.36
649-91910-21525	B	25	.276	1.87	1.72	1.55	1.36
649-91910-21141	B	41	.163	2.52	2.22	1.86	1.52
649-91910-21441	B	41	.236	2.76	2.54	2.29	2.01
649-91910-21541	B	41	.276	2.54	2.24	1.88	1.54
649-91910-21151	B	51	.163	2.94	2.59	2.17	1.78
649-91910-21569	B	69	.236	3.55	3.13	2.62	2.15

DIN and Minitek™ II Connectors, Modular Jacks

FCI

DIN CONNECTORS



NEW!

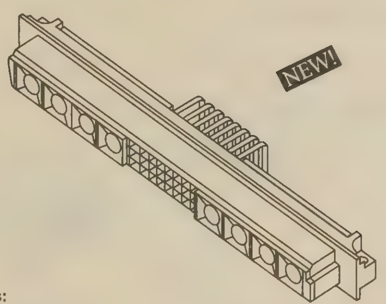
Specifications:

Temperature range: -55°C to 125°C
Current rating: 1.5A @ 20°C
Withstanding voltage: 1000Vrms @ sea level
Insulation resistance: 1x10⁶ MΩ initially,
1x10⁴ MΩ after environmental test

eader

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each			
		1	25	100	500
649-92324-204	96 position shrouded right angle 3 row DIN 41612 type C header	2.76	2.53	1.96	1.72



NEW!

Specifications:

- Temperature range: -55°C to 125°C
- Current rating: 2A max.
- Withstanding voltage: 1000Vrms @ sea level
- Contact resistance: 15mΩ max.
- Insulation resistance: 1x10⁶ MΩ initially, 1x10⁴ MΩ after environmental test
- Finish: 40μ" (1μm) gold over nickel, remainder tin-lead

Receptacle

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each			
		1	25	100	500
649-77758-402	60 position right angle 3 row reversed DIN 41612 type M receptical with 2x2 hybrid inserts	9.02	8.27	6.39	5.64

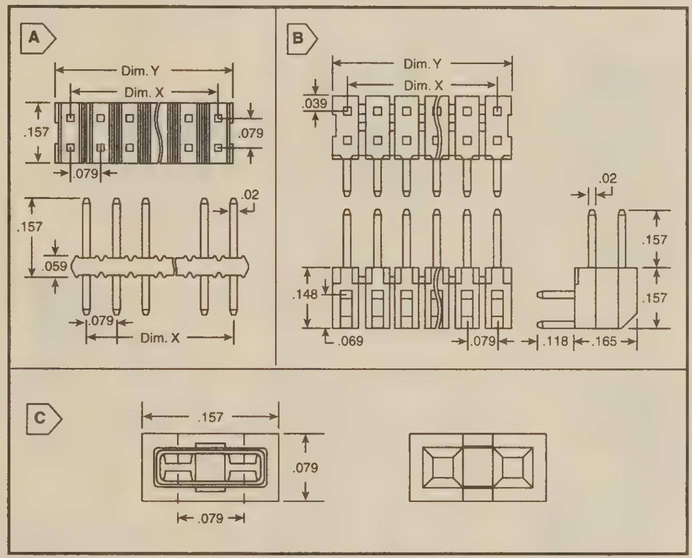
Minitek™ II 2mm (.079") Connectors

NEW!

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Pin Plating	No. of Position	Dim. X (In.)	Dim. Y (In.)	Price Each			
						1	100	500	1000
Vertical Headers									
649-86451-050	A	8μ" gold	2x25	1.890	1.969	1.32	1.18	1.05	.87
649-86451-150	A	30μ" gold	2x25	1.890	1.969	1.59	1.44	1.29	1.06
649-86451-520	A	15μ" GXT™	2x25	1.890	1.969	.59	.54	.48	.39
Right Angle Headers									
649-86453-006	B	8μ" gold	2x3	.157	.236	.31	.28	.25	.21
649-86453-504	B	15μ" GXT™	2x2	.079	.157	.24	.22	.19	.16
649-86453-512	B	15μ" GXT™	2x6	.394	.472	.48	.44	.39	.32
649-86453-526	B	15μ" GXT™	2x13	.945	1.024	.99	.89	.79	.66
649-86453-550	B	15μ" GXT™	2x25	1.890	1.969	1.55	1.41	1.26	1.04

5μ" GXT™ palladium-nickel alloy



NEW!

hunt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	500	1000	5000
649-86730-001	C	.079" pitch shunt	.10	.09	.08	.07

MODULAR JACKS

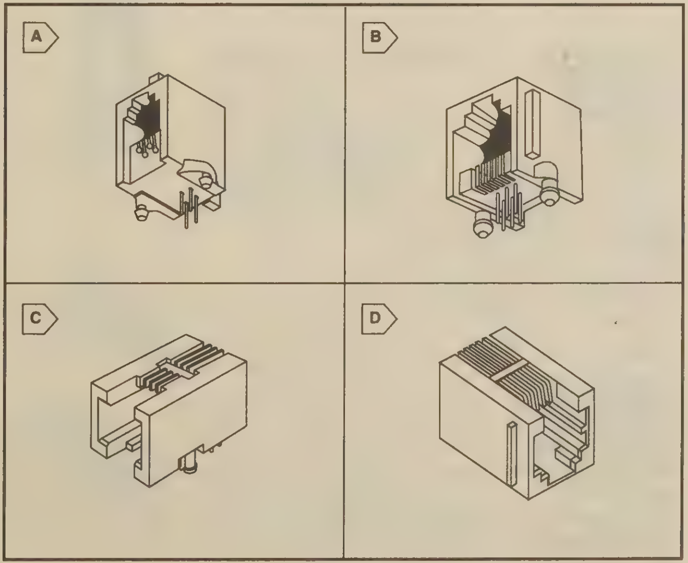
eatures:

Thru-hole, solder to board configuration
Press-fit design elimates hot and cold staking
Mate with modular plugs conforming to FCC Part 68, Subpart F
Housing: thermoplastic resin, UL94V-0 rating

NEW!

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Positions-Contacts	Price Each			
			1	100	500	1000
Type 616						
649-66010-001	A	4-4	.53	.48	.39	.36
649-66011-001	A	6-4	.53	.48	.39	.36
Low Profile						
649-67968-001	B	6-4	.53	.48	.39	.36
649-67968-002	B	6-6	.57	.51	.42	.38
649-67968-005	B	4-4	.51	.45	.37	.34
649-67969-001	B	6-4	.53	.48	.39	.36
649-87180-044	C	4-4	.48	.43	.35	.32
649-87180-564	C	6-4	.67	.59	.49	.44
649-87180-066	C	6-6	.53	.48	.39	.36
649-87180-086	C	8-6	.53	.48	.39	.36
649-87180-088	C	8-8	.57	.51	.42	.38
Vertical						
649-69253-001	D	4-4	.49	.44	.36	.33
649-69254-001	D	6-6	.53	.48	.39	.36
649-69254-002	D	6-4	.49	.44	.36	.33
649-69255-001	D	8-8	.57	.51	.42	.38



Connectors, Switches, Plugs, Jumpers, and Headers

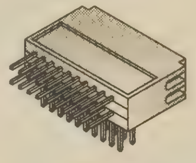
3M INTRA-CONNECTORS

The Intra-Connector makes inaccessible circuits accessible for testing by providing probe pins in-line between ribbon cable sockets and standard mating. .100" x .100" board connectors.

- Includes one set of female contacts and two sets of male contacts at right angles
- Male contacts are standard .025" square pins

For quantities greater than listed, call for quote.

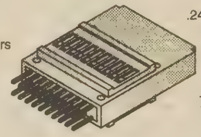
MOUSER STOCK NO.	No. of Contacts	Price Each	
		1	5
517-922576-20	20	11.25	10.43
517-922576-26	26	11.75	10.95
517-922576-34	34	13.40	12.48
517-922576-40	40	14.94	13.92
517-922576-50	50	17.94	16.71
517-922576-60	60	19.42	18.09

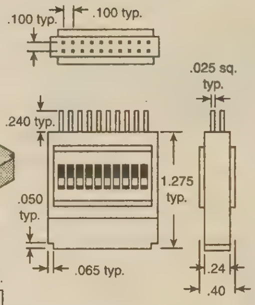


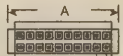
3M INTRA-SWITCHES

Inserting the Intra-Switch connector between mating system connectors, you have instant line-by-line switching. Applications include switching command signals to or from test equipment and programming optional preset logic functions.

Features:
- "Open" and "closed" position indicators are molded-in for easy identification
- Contacts: non-corrosive alloy 770







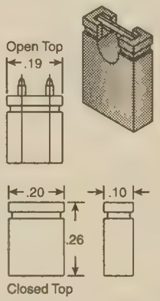
U.S. Patent 4.029.914

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Contacts	Dim. "A"	Price Each	
			1	5
517-922578-20	20	1.16	23.73	22.25
517-922578-26	26	1.46	30.53	28.62
517-922578-40	40	2.16	39.97	36.87
517-922578-50	50	2.66	35.20	33.15

SHORTING JUMPERS

- Fits all standard .100" space headers
- Low insertion and withdrawal forces
- Nail grip for easy removal
- Phosphor bronze gold flash over nickel
- Open-ended option permits stacking and probe testing
- Operating temperature: -65°C to +150°C

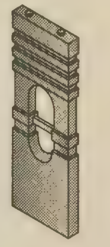


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Open/ Closed Top	Price Each			
			1	100	500	1000
151-8000	Black	Open	.12	.08	.05	.04
151-8001	Blue	Open	.12	.08	.05	.04
151-8003	Red	Open	.12	.08	.05	.04
151-8010	Black	Closed	.12	.08	.05	.04
151-8011	Blue	Closed	.12	.08	.05	.04
151-8013	Red	Closed	.12	.08	.05	.04

THUMB PULL SHORTING JUMPERS

- Current rating 3A
- Contact resistance: 7mΩ
- Insertion force: 80g
- Withdrawal force: 112g



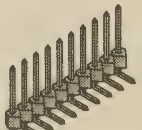
- Gold plated contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Price Each			
		1	100	500	1000
151-8030	Black	.24	.16	.10	.08
151-8031	Blue	.24	.16	.10	.08
151-8033	Red	.24	.16	.10	.08

CA STRIP LINE PLUGS

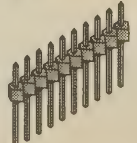
- Post material: phosphor bronze, gold plate over nickel
- Insulator: glass filled nylon, black, UL94V-0
- Side notches for ease of breaking into any number of contacts
- .100" spacing (.1" x .1" dual row)



Right Angle PC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Total Positions	Price Each		
		1	50	100
544-CA-S36RSP100	36 single row	3.39	2.80	2.34
544-CA-D72RSP100	72 dual row	6.77	5.59	4.67



Straight PC

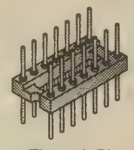
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Total Positions	Price Each		
544-CA-S36SP100	36 single row	2.11	1.77	1.61
544-CA-D72SP100	72 dual row	4.21	3.75	3.21

COMPONENT HEADERS

Component headers allow discrete components to be assembled to a standard SIP/DIP base. It then can be plugged into a socket or soldered directly to a PC board.

- Current rating: 3A
- Temperature range: -55°C to +125°C
- Flammability rating: UL94V-0
- Insulator: PBT 30% glass filled polyester
- Contact: precision machined,gold plated bras
- Pin: gold plated brass



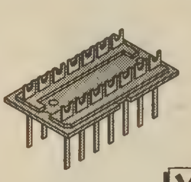
Through Pin

* With break-a-way features

For quantities greater than listed, call for quot

MOUSER STOCK NO.	No. of Pins	Plating	Pin Spacing (In.)	Price Each			
				1	100	500	1000
* DIP Through Pin Header							
151-71316	16	Gold	.30 x .100	3.68	2.90	2.63	2.37

Thomas&Betts® Augat® DIP COMPONENT HEADERS



- Insulator: thermoplastic polyester
- Flammability rating: UL94V-0
- Pins: gold or tin plated phosphor bronze

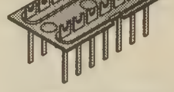
For quantities greater than listed, call for quot

MOUSER STOCK NO.	Contact Plating	No. of Pins	Pin Spacing (In.)	Price Each		
				1	100	500
506-616-DG6	Tin	16	.30 x .100	2.24	1.96	1.6
506-628-CG2T	Tin	28	.60 x .100	6.35	5.56	5.3
506-614-DG5	Gold	14	.30 x .100	2.34	2.04	1.9
506-616-DG5	Gold	16	.30 x .100	2.66	2.32	2.2

MEETS MIL SPECS™

DIP COMPONENT HEADERS

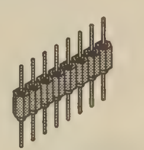
These component headers are available without (T-1) or with nylon covers in three heights, low (T-2), tall (T-3) and very tall (T-4), to meet your specific requirement.



For quantities greater than listed, call for quot

MOUSER STOCK NO.	No. of Pins	Cover Height (In.)	Price Each			
			1	100	500	100
151-624T1	24	W/O	1.27	.98	.89	.81
151-316T3	16	.41	.86	.67	.61	.55

CA SIP COMPONENT HEADER THROUGH PIN

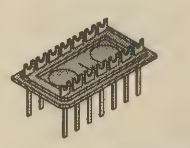


- Current rating: 3A
- Glass filled polyester UL94V0
- Blue
- Voltage rating: 300 Vrms
- Contacts: gold plated brass

For quantities greater than listed, call for quot

MOUSER STOCK NO.	No. of pins	Pin Spacing	Price Each			
			1	50	100	500
544-CA-S32MP	32	.10"	3.66	3.48	3.31	2.87

CA DIP COMPONENT HEADERS

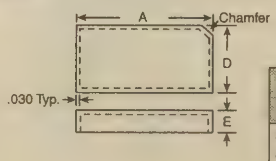


- Current rating: 1A
- Temperature range: -65°C to +125°C
- Contacts: gold or tin plated brass

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Contact Plating	No. of Pins	Price Each		
			1	25	100
544-14P-02	Gold	14	1.07	.97	.88
544-16PT-02	Tin	16	.99	.84	.76
544-24PT-02	Tin	24	1.64	1.37	1.24
544-16P-02	Gold	16	1.15	1.09	.92

CA COVER FOR 14 & 16 PIN DIP COMPONENT HEADERS



- UL94V-0 glass filled nylon
- Temperature range: -65°C to +125°

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Dimensions (In.)			Price Each		
	A	D	E	1	25	100
544-14160	.75	.47	.16	.57	.44	.39
544-16160	.85	.47	.16	.57	.44	.39

UNIVERSAL PLCC ZIF TEST SOCKET

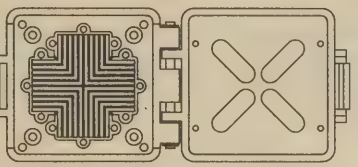
Features:

- One socket will accept all seven PLCC sizes: 20, 28, 44, 52, 68 and 84 square PLCC and 32 rectangular PLCC
- Seven adapter plates are available for each PLCC lead count
- The PLCC is inserted "live bug" (pins down)
- Can also be plugged into Aries' Universal ZIF PLCC Socket Receptacle (Mouser Stock No. 535-84-637-10)

Specifications:

- Body: black ULV-0 glass-filled polyphenylene Sulfide (PPS)
- Contact pin: beryllium copper, gold over nickel plating
- Contact current rating: 1A
- Hardware: stainless steel
- Life cycle: 10,000 insertions max.

A



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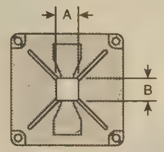


MOUSER STOCK NO.	Fig	No. of Pins	Dimensions (In.)		Price Each
			A	B	
Universal PLCC ZIF Test Socket					
535-84-537-21	A	- - -	- - -	- - -	188.70
Adapter Plates					
535-20-537-20	B	20	.395/.397	.395/.397	12.36
535-28-537-20	B	28	.495/.497	.495/.497	12.36
535-32-537-20	B	32	.495/.497	.495/.497	12.36
535-44-537-20	B	44	.695/.697	.695/.697	12.36
535-52-537-20	B	52	.795/.797	.795/.797	12.36
535-68-537-20	B	68	.995/.997	.995/.997	12.36
535-84-537-20	B	84	1.195/1.197	1.195/1.197	12.36

UNIVERSAL PLCC ZIF TEST SOCKET RECEPTACLE

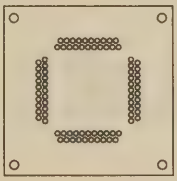
Features:

- 84 pin socket receptacle for mounting Aries' Universal PLCC ZIF Test Sockets
- Mounting hardware included

Specifications:

- Body: black FR-4
- Contact: berylium copper, gold over nickel plating
- Hardware: stainless steel
- Contact current rating: 3A

MOUSER STOCK NO.	Price Each
535-84-637-10	16.48



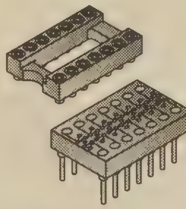
"PROGRAM YOUR OWN" CORRECT-A-CHIP™ ADAPTER

Features:

- Allows users to create small quantites of prototype adapters quickly and inexpensively
- Can be easily cut, jumpered, and soldered for the desired configuration
- .300 center DIP configuration
- 28 pins, can be cut down to any pin count from 2 through 28

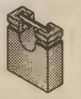
Specifications:

- Female socket body: black ULV-0 glass-filled polyester thermoplastic (PET)
- PCB material: black FR-4
- Contact: beryllium copper, gold over nickel plating
- Minimum contact current rating: 1 A @ 5VDC



MOUSER STOCK NO.	Price Each
535-1109800	14.94

MINI-LINK™ MINIATURE JUMPER



Specifications:

- Body: black UL 94V-0 glass-filled polyester thermoplastic
- Contacts: tin over nickel plated phosphor bronze

Features:

- Mini-Link™ miniature jumpers are useful for jumpering .025" square pins on .100" centers
- Jumper terminal is partially exposed for testing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each			
	1	25	100	500
535-ME-100	.11	.10	.09	.07

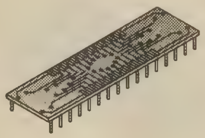
SOIC AND SOJ TO DIP ADAPTERS

Specifications:

- Board material: .062" FR-4
- Pins: brass alloy with tin over nickel plating

Features:

- Cost effective, permits upgrading to SOJ or SOIC---without changing PCB layout
- Available on .300", .400", and .600" centers



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Type	Price Each		
			1	25	100
.300" Centers					
535-08-350000-10	8	SOIC	5.07	4.06	3.80
535-14-350000-10	14	SOIC	5.07	4.06	3.80
535-16-350000-10	16	SOIC	5.07	4.06	3.80
535-18-350000-10	18	SOIC	5.07	4.06	3.80
535-20-350000-10	20	SOIC	5.07	4.06	3.80
535-20-350001-10	20	SOJ	6.67	5.34	5.01
535-24-350000-10	24	SOIC	4.90	3.92	3.67
535-28-350002-10	28	SOIC	6.67	5.34	5.01
.400" Centers					
535-32-450001-10	32	SOJ	9.77	7.82	7.33
.600" Centers					
535-24-650000-10	24	SOIC	7.77	6.22	5.83
535-28-650000-10	28	SOIC	11.12	8.90	8.34
535-32-650000-10	32	SOJ	11.12	8.89	8.34

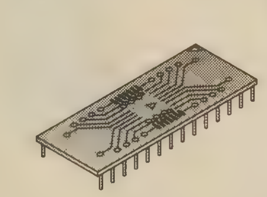
PLCC TO DIP ADAPTERS

Specifications:

- Body: FR-4 plastic
- Solder tail pins: brass alloy with tin over nickel plating
- Optional PLCC socket contacts: copper alloy with tin over nickel plating
- Current rating: 1A

Features:

- Converts PLCC packaged IC's to a DIP footprint
- Ideal for prototyping, testing, and evaluation
- PLCC sockets or PLCC contact pads



With PLCC Pads

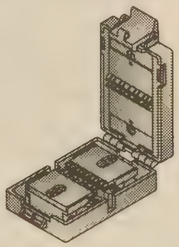
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Price Each		
		1	25	100
With PLCC Pads				
535-28-652000-10	28	23.88	21.71	19.74
535-44-652000-10	44	20.63	16.50	15.47
535-68-652000-10	68	22.98	22.93	20.84
With PLCC Socket				
535-28-653000-10	28	25.63	20.50	19.22
535-44-653000-10	44	29.51	23.61	22.14
535-68-653000-10	68	34.15	27.32	25.62
535-84-653000-10	84	34.15	27.32	25.62

UNIVERSAL ZIF SOIC TEST SOCKETS

Specifications:

- Body: UL94V-0 glass-filled polyphenylene sulphide (PPS)
- Contacts: berryllium copper
- Contact plating: 20µ gold over 100µ nickel over 20µ copper
- Current rating: 1A



MOUSER STOCK NO.	Price Each
535-44-547-11	143.47

Features:

- Accepts SOIC gull-wing or J-lead devices with up to 44 pins

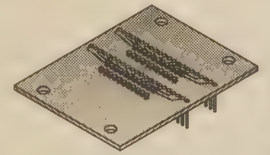
UNIVERSAL ZIF SOIC TO DIP ADAPTER SOCKET

Specifications:

- Body: FR-4 plastic
- Female outer pin: brass, tin plated over nickel
- Female inner contact: 4 finger beryllium copper collet contact with 10µ gold over 50µ nickel plating
- Male pin: phosphor bronze with tin over nickel plating
- Current rating: 3A

Features:

- Adapts Aries universal ZIF SOIC test socket (Mouser Stock No. 535-44-547-11) to .600" DIP PCB layout

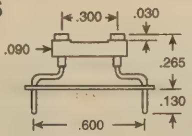


MOUSER STOCK NO.	Price Each
535-44-647-10	92.70

DIP ADAPTER SOCKETS

These adapter sockets allow the use of .300" center devices when the PCB is drilled on .600" centers and vice-versa, giving he flexibility of using .600" or 300" center devices in the same application.

A



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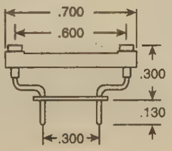
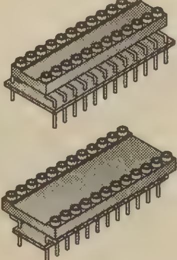




Specifications:

- Pin body plating: tin
- 4-fingered collet contact: beryllium copper
- Contact plating: 30µ gold
- Contact current rating: 3A
- Socket body: black UL 94-HB glass-filled nylon

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig	No. of Pins	Description	Price Each		
				1	25	100
535-1106396-24	A	24	.300" DIP to .600" PCB adapters	6.63	6.03	5.12
535-1106396-28	A	28	.300" DIP to .600" PCB adapters	7.39	6.72	5.71
535-1107254-24	B	24	.600" DIP to .300" PCB adapters	6.63	6.03	5.12
535-1107254-28	B	28	.600" DIP to .300" PCB adapters	7.39	6.72	5.71

ARIES® ELECTRONICS, INC. Sockets

UNIVERSAL ZIF TEST SOCKETS

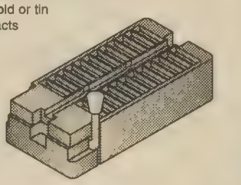
Aries universal test sockets accept DIP devices with row-to-row pin spacing of .300" to .600". They are direct replacements for other test sockets currently on the market.

Specifications:

- Body: UL94V-0 glass-filled thermoplastic
- Contacts: beryllium copper with gold or tin over nickel
- Current rating: 1A
- Life cycles: 25,000 to 50,000 insertions

Features:

- Accepts DIP devices on .300" to .600" centers
- May be soldered directly to board or plugged into any compatible socket
- Choice of gold or tin plated contacts



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Price Each		
		1	25	100
Tin Plated Contacts				
535-24-6554-10	24	7.97	6.86	6.78
535-28-6554-10	28	10.02	9.11	7.74
535-32-6554-10	32	11.18	10.16	8.63
535-40-6554-10	40	13.32	12.11	10.20
535-48-6554-10	48	15.66	14.24	12.10
Gold Plated Contacts				
535-24-6554-11	24	12.68	11.53	9.80
535-28-6554-11	28	13.74	12.49	10.62
535-32-6554-11	32	15.22	13.84	11.77
535-40-6554-11	40	18.17	16.52	14.04
535-48-6554-11	48	21.25	19.32	16.43

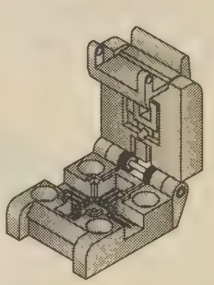
PLCC ZIF TEST AND BURN-IN SOCKETS

Specifications:

- Body: UL94V-0 glass-filled polyphenylene sulphide
- Contact plating: 12µ gold over 50µ nickel
- Life cycles: 10,000 insertions (min.)
- Contacts: beryllium copper
- Current rating: 1A

Features:

- ZIF prevents bending or damaging legs
- Corner post provide positive package orientation
- Accepts JEDEC, MO-047, MO-052, and other ceramic, leadless, or J-lead packages (Shimms required)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Price Each
535-28-536-11	28	64.37
535-44-536-11	44	65.97
535-68-536-11	68	80.43
535-84-536-11	84	90.66

LO-PRO ZIF IC SOCKETS

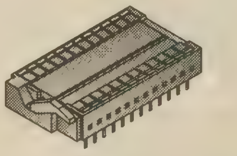
These low profile ZIF IC sockets permit 24, 28, or 40 pin DIP devices to be inserted without bending or damaging the leads. No force is required to insert or remove the component from the socket.

Specifications:

- Body: UL94V-0 glass-filled polyester thermo-plastic
- Contacts: beryllium copper with tin over nickel plating
- Current rating: 2A
- Contacts: tin plated

Features:

- CAM action compresses double sided contacts for gas tight seal
- Test point openings allow access to all pins



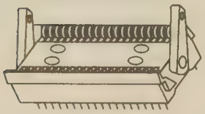
For quantities greater than listed, call for quote.

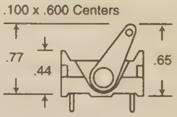
MOUSER STOCK NO.	No. of Pins	Price Each		
		1	25	100
535-24-526-10	24	6.03	5.48	4.66
535-28-526-10	28	6.50	5.91	5.03
535-40-526-10	40	7.82	7.11	6.04

ZIF IC SOCKETS

A true ZIF (Zero Insertion Force) device. Contacts are normally open and are closed by CAM action controlled by lever arms. A tapered entry guides legs into mating position with contacts.

DIMENSIONS (IN.)





MEETS MIL SPECS™

For 516-11 Series Only

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Plating	Price Each			
			1	25	100	500
535-28-516-10	28	Tin	10.54	9.58	8.14	6.71
535-40-516-10	40	Tin	13.90	12.64	10.74	8.85

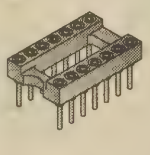
OPEN FRAME MACHINE PIN COLLET SOCKETS

Specifications:

- Body: blue UL 94V-0 glass-filled polyester thermoplastic (PBT)
- Pins: 200µ tin over 100µ nickel plated brass
- Contacts: 10µ gold over 50µ nickel plated beryllium copper

Features:

- Open frame allows for more efficient utilization of board space and better cooling
- Compatible with automatic insertion equipment



For quantities greater than listed, call for quot

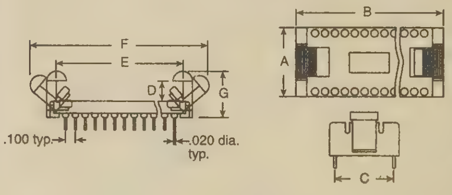
MOUSER STOCK NO.	No. of Pins	Pin Centers	Price Each			
			1	25	100	500
535-08-3518-10	8	.300	.30	.27	.23	.21
535-14-3518-10	14	.300	.51	.46	.39	.35
535-16-3518-10	16	.300	.58	.53	.45	.39
535-18-3518-10	18	.300	.72	.65	.55	.49
535-20-3518-10	20	.300	.65	.59	.50	.44
535-24-3518-10	24	.300	.81	.74	.63	.55
535-24-6518-10	24	.600	.84	.76	.65	.57
535-28-3518-10	28	.300	1.13	1.03	.88	.77
535-28-6518-10	28	.600	.99	.90	.77	.68
535-32-6518-10	32	.600	1.13	1.03	.88	.77
535-40-6518-10	40	.600	1.32	1.20	1.02	.90
535-48-6518-10	48	.600	1.71	1.55	1.32	1.17

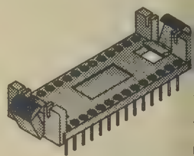
LOCK/EJECT DIP SOCKETS

EJECT-A-DIP® is a rugged, solderable socket with a unique ejector/latch for fast in-field board maintenance. It lock in the connector or device, making it ideal for high vibration environments. When used as an ejector, it removes DIP packages without pin damage.

Specifications:

- Pin body plating: tin
- Contact current rating: 3A
- Contact plating: 10µ gold
- Body: UL 94V-0 glass-filled polyester (PBT)





For quantities greater than listed, call for quot

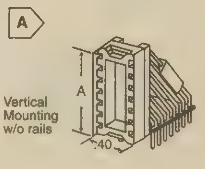
MOUSER STOCK NO.	No. of Pins	Dimensions (In.)							Price Each		
		A	B	C	D	E	F	G	1	25	100
535-14-C280-10	14	.40	.95	.30	.280	.77	1.30	.54	2.35	2.14	1.82
535-16-C280-10	16	.40	1.05	.30	.280	.83	1.54	.54	2.56	2.33	1.98
535-28-C182-10	28	.70	1.69	.60	.182	1.47	2.00	.46	3.77	3.43	2.92
535-32-C182-10	32	.70	1.89	.60	.182	1.69	2.20	.46	4.32	3.93	3.34
535-40-C182-10	40	.70	2.29	.60	.182	2.07	2.60	.46	5.49	4.99	4.24

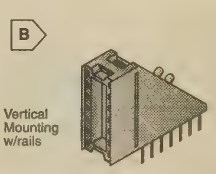
DISPLAY SOCKETS

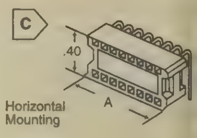
DIMENSIONS (IN.)

Specifications:

- Body: red UL 94-HB glass-filled nylon
- Contacts: either 10µ gold or 100µ tin over 50µ nickel plated phosphor bronze







For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	A Dim. (In.)	No. of Pins	Plating	Row to Row Sp.		Price Each			
					Socket	Pin	1	25	100	500
535-14-810-90T	A	.75	14	Tin	.300	.100	3.42	3.11	2.64	2.33
535-10-2810-90	A	.55	10	Gold	.200	.100	4.59	4.17	3.55	3.13
535-14-810-90R	B	.75	14	Tin	.300	.100	2.54	2.31	1.94	1.73
535-14-820-90T	C	.75	14	Tin	.300	.100	2.84	2.58	2.19	1.93
535-14-823-90	C	.75	14	Gold	.300	.300	3.89	3.54	3.01	2.66
535-16-820-90T	C	.85	16	Tin	.300	.100	3.03	2.75	2.34	2.06
535-28-6823-90	C	1.45	28	Gold	.600	.300	9.00	8.18	6.95	6.13
535-40-6823-90	C	2.05	40	Gold	.600	.300	11.70	10.64	9.04	7.98

PLCC, Zig Zag, ZIF, and IC Sockets

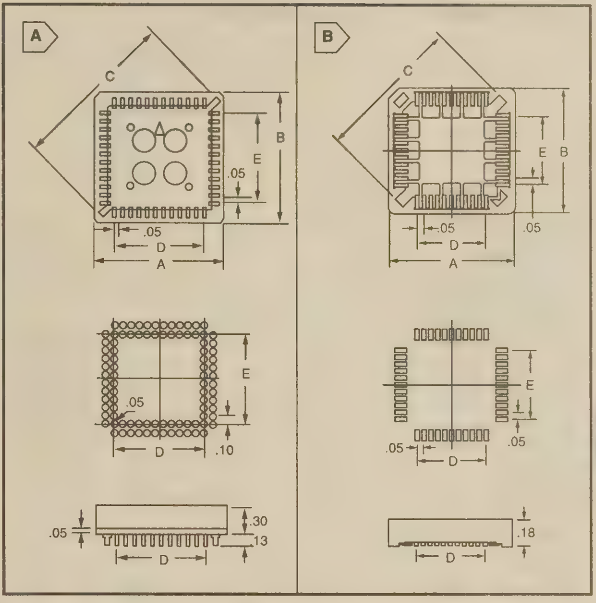
PLASTIC LEADED CHIP CARRIER (PLCC) SOCKETS

Features:
- Accepts JEDEC type A chips
- Low profile
- Polarization indicator to assure positive chip carrier alignment

Specifications:
- Contact resistance: 30mΩ max. @ 100mA DC
- Insulator resistance: 1000MΩ min. @ 500VDC
- Current rating: 1A
- Voltage rating: 500VAC for 1 minute
- Operating temp.: -55°C to 105°C
- Contact material: tin/gold plated phosphor bronze
- Housing material: PPS and 40% glass fiber (UL 94V-0)

MOUSER STOCK NO.	Fig.	No. of Contacts	Contact Plating	Mounting Type	Dimensions (In.)					Price Each		
					A	B	C	D	E	1	10	50
151-1528	A	28	Tin	Thru-hole	.71	.71	.80	.30	.30	1.21	1.01	.92
151-1529	A	28	Gold	Thru-hole	.71	.71	.80	.30	.30	1.27	1.06	.96
151-1530	B	28	Tin	SMD	.71	.71	.77	.30	.30	1.79	1.49	1.35
151-1532	A	32	Tin	Thru-hole	.71	.81	.88	.30	.40	1.27	1.06	.96
151-1533	A	32	Gold	Thru-hole	.71	.81	.88	.30	.40	1.31	1.09	.99
151-1534	B	32	Tin	SMD	.71	.81	.88	.30	.40	1.92	1.60	1.45
151-1544	A	44	Tin	Thru-hole	.93	.93	1.09	.50	.50	1.34	1.12	1.02
151-1545	A	44	Gold	Thru-hole	.93	.93	1.09	.50	.50	1.44	1.20	1.09
151-1546	B	44	Tin	SMD	.93	.93	1.09	.50	.50	2.00	1.67	1.52
151-1552	A	52	Tin	Thru-hole	1.02	1.02	1.24	.60	.60	1.44	1.20	1.09
151-1553	A	52	Gold	Thru-hole	1.02	1.02	1.24	.60	.60	1.48	1.23	1.12
151-1568	A	68	Tin	Thru-hole	1.22	1.22	1.50	.80	.80	1.57	1.31	1.19
151-1569	A	68	Gold	Thru-hole	1.22	1.22	1.50	.80	.80	1.70	1.42	1.29
151-1570	B	68	Tin	SMD	1.25	1.25	1.50	.80	.80	2.22	1.85	1.68
151-1584	A	84	Tin	Thru-hole	1.42	1.42	1.80	1.00	1.00	1.84	1.53	1.39
151-1585	A	84	Gold	Thru-hole	1.42	1.42	1.80	1.00	1.00	1.92	1.60	1.45
151-1586	B	84	Tin	SMD	1.42	1.42	1.76	1.00	1.00	2.44	2.03	1.85

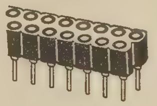
DIMENSIONS (IN.)



HI-REL ZIG ZAG SOCKETS WITH MACHINED CONTACTS

Specifications:
- Flammability rating: UL 94V-0
- Contact material: beryllium copper
- Contact rating: 3.0A
- Contact resistance: <4mΩ
- Contact spacing: .100"
- Temperature range: -55°C to +125°C

Features:
- Tapered entry socket
- Machined 4 finger inner contact and outer sleeve
- High shock and vibration resistance



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Contacts	Contact Plating	Body Width (In.)	Body Length (In.)	Price Each			
					1	100	500	1000
151-120T	20	Tin	.20	1.02	1.20	1.01	.92	.83
151-128T	28	Tin	.20	1.40	1.69	1.41	1.28	1.17

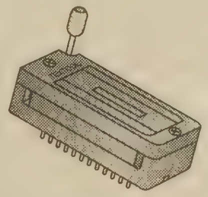
3M TEXTOOL™ ZERO INSERTION FORCE ZIP DIP SOCKETS

The ZIP DIP which protects IC's during test, burn-in and EPROM programming while maintaining a secure connection with a lever-operated metal cam.

Specifications:
- Temperature rating: -55°C to 105°C
- Current rating: 1A
- Dielectric withstand voltage: 1000V$_{RMS}$

eatures:
- OEM/end user applications
- Used for testing, programming and reprogramming

ZIP DIP Socket



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Contact Plating	Price Each		
			1	5	10
517-334562	28	Gold	15.33	14.40	13.47
517-334662	40	Gold	20.28	19.05	17.82
517-449365	64	Tin	30.62	28.77	26.91

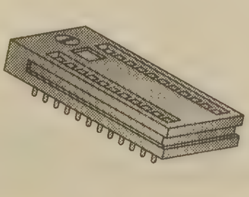
3M TEXTOOL™ ZERO INSERTION FORCE ECONO ZIP DIP SOCKETS

The ECONO ZIP socket is ideal for field replacement, programming, reprogramming, and IC updates. The IC is held securely by a screwdriver rotation of a cam for security against vibration or accidental unloading.

Specifications:
- Temperature rating: -55°C to 105°C
- Current rating: 1A
- Dielectric withstand voltage: 1000V$_{RMS}$

eatures:
- OEM/end user applications
- Used for testing, programming and reprogramming

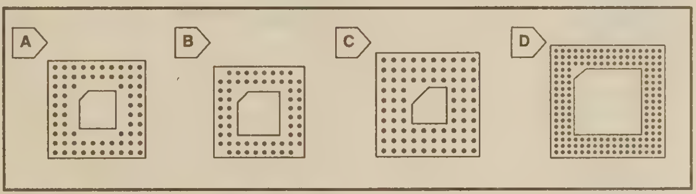
ZIP DIP Socket



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Contact Plating	Price Each		
			1	5	10
517-48393	14	Gold	4.79	4.50	4.21
517-48443	24	Gold	6.78	6.37	5.96
517-48457	28	Tin	7.28	6.84	6.39
517-52003	64	Gold	14.77	13.87	12.98

PRECISION MACHINED PGA SOCKETS (Very Low Insertion Force)



Mouser pin grid array sockets employ a new 3 finger inner contact that reduces insertion force to no more than 1 ounce, the lowest in the industry. These sockets are a superior product and an exceptional value. For pin grids not listed, call your Mouser Service Representative.

Specifications:
- Current rating: 5A
- Temperature range: -55°C to +150°C
- Flammability rating: UL 94V-0

Materials:
- Insulator: PPS plastic
- Contact: gold plated, beryllium copper
- Pin: tin plated brass

Features:
- Very low insertion force, through the use of new precision machined 3 finger inner contacts
- Precision machined, non-wicking, closed bottom sleeve protects against solder/flux contamination

MOUSER STOCK NO.	Fig.	No. of Pins	Pin Grid	Termination	Price Each			
					1	100	500	1000
151-6810	A	68	10 x 10	PCB	3.94	3.59	3.27	2.97
151-6811	B	68	11 x 11	PCB	3.94	3.59	3.27	2.97
151-8410	C	84	10 x 10	PCB	4.75	4.32	3.93	3.58
151-16817	D	168	17 x 17	PCB	9.14	8.31	7.56	6.88

PC Receptacles and PC Pins

INTERCONNECT COMPONENTS

MILL-MAX pin receptacles are machined, component lead sockets primarily used for the plugging and unplugging of components on pc boards. Printed circuit pins are machined, individual pins used for various plug-in applications and board to board interconnection.

Pin Receptacles

Specifications:

- Shell: machined brass, 200µ tin over nickel
- Contact: multi-finger, beryllium copper, 30µ gold over nickel

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Manufacturers Type	Fig.	Mtg. Hole	Pin Dia. Range	Dimensions (In.)				Price Each			
					C	D	K	L	1	10	100	500
PC Solder Mount												
575-054800	0548-0-15-01-11-27-10-0	A	.038	.015-.021	.058	.034	.031	.155	**.28**	**.15**	**.074**	**.063**
575-055210	0552-1-15-01-11-27-10-0	B	.043	.015-.021	.055	.038	.016	.136	**.15**	**.08**	**.04**	**.035**
575-055220	0552-2-15-01-11-27-10-0	B	.043	.015-.021	.055	.038	.016	.170	**.15**	**.08**	**.04**	**.035**
575-140700	1407-0-15-01-11-27-10-0	C	.043	.015-.021	.055	.038	.031	.146	**.17**	**.09**	**.046**	**.039**
575-055400	0554-0-15-01-11-27-10-0	D	.043	.015-.021	.056	.038	.038	.160	**.33**	**.18**	**.088**	**.075**
575-056901	0569-0-15-01-11-27-10-0	E	.040	.015-.021	.055	.038	.050	.140	**.25**	**.13**	**.066**	**.056**
575-067700	0677-0-15-01-30-27-10-0	F	.054	.015-.025	.063	.049	.041	.248	**.39**	**.21**	**.104**	**.088**
575-055500	0555-0-15-01-30-27-10-0	G	.056	.015-.025	.072	.051	.038	.160	**.32**	**.17**	**.086**	**.073**
575-066700	0667-0-15-01-30-27-10-0	H	.060	.015-.025	.072	.055	.016	.161	**.19**	**.10**	**.05**	**.042**
575-066500	0665-0-15-01-30-27-10-0	I	.064	.015-.025	.080	.058	.088	.180	**.30**	**.16**	**.08**	**.068**
575-029500	0295-0-15-01-06-27-10-0	J	.065	.022-.032	.077	.060	.014	.259	**.42**	**.23**	**.113**	**.096**
575-029200	0292-0-15-01-06-27-10-0	K	.073	.022-.032	.093	.068	.030	.250	**.38**	**.20**	**.102**	**.086**
575-029400	0294-0-15-01-06-27-10-0	L	.078	.022-.032	.090	.073	.018	.206	**.38**	**.20**	**.102**	**.086**
575-030010	0300-1-15-01-47-27-10-0	M	.045	.025-.037	.078	.040	.210	.320	**.45**	**.24**	**.119**	**.101**
575-030020	0300-2-15-01-47-27-10-0	M	.045	.025-.037	.078	.040	.210	.397	**.53**	**.28**	**.141**	**.12**
575-033100	0331-0-15-01-18-27-10-0	N	.074	.037-.043	.090	.069	.025	.150	**.51**	**.27**	**.135**	**.115**
575-032700	0327-0-15-01-34-27-10-0	O	.077	.032-.047	.090	.072	.018	.206	**.38**	**.20**	**.102**	**.087**
575-032900	0329-0-15-01-34-27-10-0	P	.077	.032-.047	.090	.072	.018	.221	**.79**	**.42**	**.21**	**.179**
575-031700	0317-0-15-01-34-27-10-0	Q	.093	.032-.047	.120	.088	.032	.253	**.55**	**.30**	**.148**	**.126**
575-032200	0322-0-15-01-34-27-10-0	R	.090	.032-.047	.125	.085	.192	.317	**.69**	**.37**	**.183**	**.156**
575-031600	0316-0-15-01-34-27-10-0	S	.090	.032-.047	.125	.085	.036	.236	**.48**	**.25**	**.127**	**.108**
575-035500	0355-0-15-01-02-27-10-0	T	.105	.040-.050	.118	.100	.016	.290	**.47**	**.25**	**.126**	**.107**
575-036400	0364-0-15-01-13-27-10-0	U	.103	.048-.064	.120	.098	.018	.213	**.61**	**.33**	**.164**	**.139**
575-039300	0393-0-15-01-07-27-10.0	V	.147	.065-.082	.188	.142	.100	.412	**1.04**	**.55**	**.276**	**.235**
575-03900	0390-0-15-01-08-27-10-0	W	.147	.084-.102	.188	.142	.105	.465	**1.25**	**.67**	**.334**	**.284**
Hex Press Fit												
575-055310	0553-1-15-01-11-27-10-0	X	.041	.015-.021	.055	.038	.016	.140	**.30**	**.16**	**.079**	**.067**
575-055320	0553-2-15-01-11-27-10-0	X	.041	.015-.021	.055	.038	.016	.170	**.30**	**.16**	**.079**	**.067**
575-025200	0252-0-15-01-30-27-10-0	Y	.057	.015-.025	.072	.053	.031	.170	**.33**	**.17**	**.087**	**.074**
575-027900	0279-0-15-01-47-27-10-0	Z	.061	.025-.037	.078	.057	.028	.200	**.53**	**.28**	**.142**	**.121**
575-032800	0328-0-15-01-34-27-10-0	AA	.076	.032-.047	.090	.071	.028	.206	**.45**	**.24**	**.121**	**.103**
575-036500	0365-0-15-01-23-27-10-0	BB	.104	.045-.067	.120	.098	.026	.223	**.77**	**.41**	**.205**	**.174**
PC Swage Mount .062" PCB												
575-032620	0326-2-19-01-06-27-10-0	CC	.060	.022-.032	.094	.058	.200	.294	**.80**	**.43**	**.213**	**.18**
575-034420	0344-2-19-01-34-27-10-0	DD	.067	.032-.047	.125	.065	.230	.324	**.86**	**.46**	**.229**	**.195**
Lobed Press Fit												
575-033300	0333-0-42-01-34-27-10-0	EE	.076	.032-.047	.102	.074	.080	.220	**.81**	**.43**	**.216**	**.184**
Knurled Press Fit												
575-035700	0357-0-15-01-34-27-10-0	FF	.078	.032-.047	.102	.072	.080	.220	**.55**	**.29**	**.147**	**.125**
575-035900	0359-0-15-01-34-27-10-0	GG	.089	.032-.047	.110	.080	.037	.250	**.56**	**.30**	**.149**	**.126**
575-036000	0360-0-15-01-34-27-10-0	HH	.089	.032-.047	.110	.080	.037	.250	**.59**	**.31**	**.157**	**.134**
575-035800	0358-0-15-01-34-27-10-0	II	.089	.032-.047	.110	.082	.240	.343	**.58**	**.30**	**.156**	**.132**
575-036600	0366-0-15-01-13-27-10-0	JJ	.108	.048-.064	.136	.102	.037	.250	**.76**	**.40**	**.202**	**.171**
575-004010	0040-1-17-01-30-27-02-0	KK	.055	.015-.025	.072	.053	.200	.460	**.30**	**.16**	**.081**	**.069**
575-003920	0039-2-17-01-30-27-02-0	KK	.055	.015-.025	.072	.053	.200	.560	**.24**	**.13**	**.063**	**.053**
575-003830	0038-3-17-01-30-27-02-0	KK	.055	.015-.025	.072	.053	.200	.700	**.26**	**.14**	**.071**	**.06**
Crimp Barrel												
575-034800	0348-0-33-01-34-27-10-0	LL	- - -	.032-.047	.105	.049	.224	.530	**1.27**	**.68**	**.339**	**.289**
575-036800	0368-0-33-01-13-27-10-0	MM	- - -	.048-.064	.103	.067	.234	.530	**1.37**	**.73**	**.365**	**.311**
575-03700	0370-0-19-01-07-27-10-0	NN	- - -	.065-.082	.100	.050	.440	.690	**1.37**	**.73**	**.365**	**.311**
Pentagon Press Fit												
575-035400	0354-0-15-01-02-27-10-0	OO	.103	.040-.050	.118	.088	.020	.290	**.66**	**.35**	**.177**	**.15**
PC Mount Thru Hole												
575-031400	0314-0-15-01-34-27-10-0	PP	.090	.032-.047	.125	.085	.036	.236	**.48**	**.25**	**.127**	**.108**

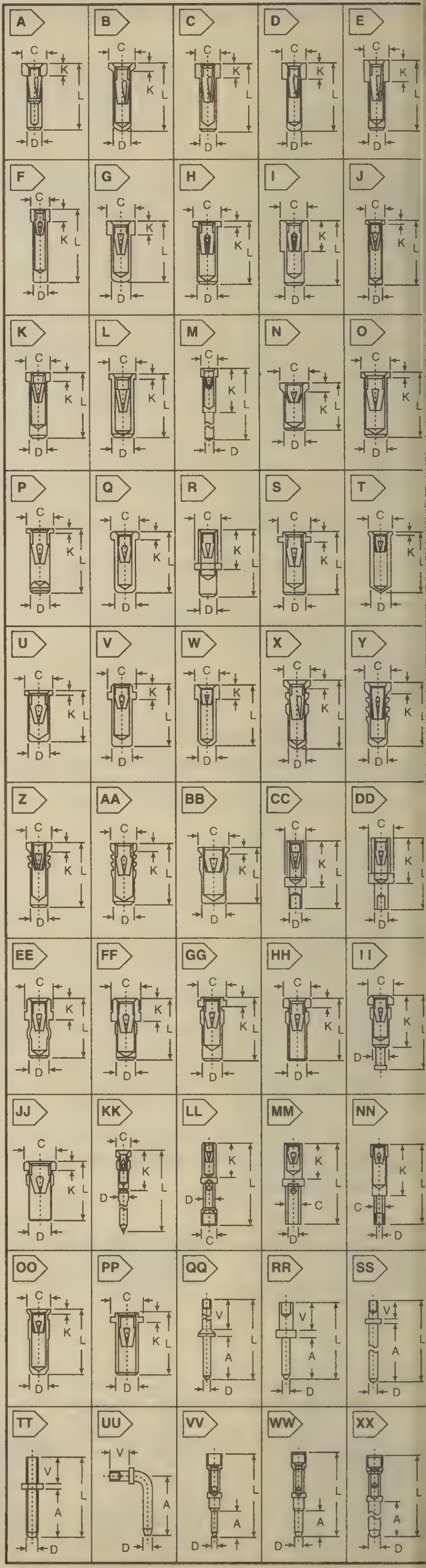
Printed Circuit Pins

Specifications:

- Machined brass, 20µ gold plated

For quantities greater than listed, call for quote.

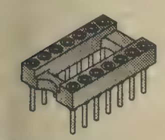
MOUSER STOCK NO.	Manufacturers Type	Fig.	Mtg. Hole	Board Thickness (In.)	Dimensions (In.)				Price Each			
					D	A	V	L	1	10	100	500
PC Swage Mount												
575-311710	3117-1-00-21-00-00-08-0	QQ	.035	.031	.025	.188	.047	.260	**.16**	**.08**	**.042**	**.036**
575-311210	3112-1-00-21-00-00-08-0	RR	.043	.031	.025	.125	.051	.201	**.16**	**.08**	**.042**	**.036**
575-310110	3101-1-00-21-00-00-08-0	SS	.043	.031	.040	.150	.051	.221	**.14**	**.07**	**.036**	**.032**
575-310210	3102-1-00-21-00-00-08-0	SS	.043	.031	.040	.188	.051	.259	**.14**	**.07**	**.036**	**.032**
575-310310	3103-1-00-21-00-00-08-0	SS	.043	.031	.040	.300	.051	.371	**.21**	**.11**	**.056**	**.047**
575-311720	3117-2-00-21-00-00-08-0	QQ	.035	.062	.025	.188	.078	.291	**.12**	**.07**	**.033**	**.028**
575-311220	3112-2-00-21-00-00-08-0	RR	.043	.062	.025	.125	.082	.232	**.13**	**.08**	**.034**	**.029**
575-310120	3101-2-00-21-00-00-08-0	SS	.043	.062	.040	.150	.082	.252	**.14**	**.08**	**.038**	**.032**
575-310220	3102-2-00-21-00-00-08-0	SS	.043	.062	.040	.188	.082	.290	**.15**	**.09**	**.04**	**.034**
575-310320	3103-2-00-21-00-00-08-0	SS	.043	.062	.040	.300	.082	.402	**.18**	**.10**	**.048**	**.04**
575-322220	3222-2-00-21-00-00-08-0	TT	.043	.062	.040	.150	.082	.252	**.25**	**.13**	**.066**	**.056**
575-330120	3301-2-14-21-00-00-08-0	UU	.043	.062	.040	.257	.082	- - -	**.50**	**.26**	**.132**	**.113**
20A Crimp Barrel												
575-360300	3603-0-07-21-00-00-08-0	VV	- - -	- - -	.040	.188	- - -	.588	**.81**	**.43**	**.217**	**.184**
575-360200	3602-0-07-21-00-00-08-0	WW	- - -	- - -	.062	.188	- - -	.588	**.86**	**.46**	**.229**	**.195**
575-360110	3601-1-07-21-00-00-08-0	XX	- - -	- - -	.080	.200	- - -	.506	**.83**	**.44**	**.221**	**.188**

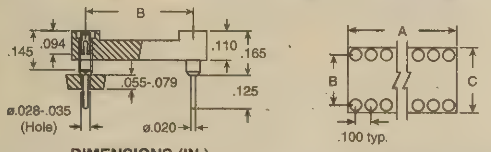


MILL-MAX® DIP IC Sockets

STANDARD LOW PROFILE IC SOCKETS
WITH SCREW MACHINED SLEEVES

eatures open frame design which leaves space beneath the IC for improved heat dissipation and easier PCB leaning and inspection. 4 finger inner contact is stamped beryllium copper, press fitted into a precision, machined, rass receptacle sleeve.





DIMENSIONS (IN.)

Tin Sleeve, Tin Contact • Sleeve: 200μ tin • Contact: 200μ tin

MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	Dimensions (In.) A	B	C	Price Each 1	10	100	500
575-199308	110-99-308-41-001	8	.4	.3	.4	.19	.18	.15	.14
575-199314	110-99-314-41-001	14	.7	.3	.4	.34	.31	.27	.25
575-199316	110-99-316-41-001	16	.8	.3	.4	.38	.35	.31	.28
575-199318	110-99-318-41-001	18	.9	.3	.4	.43	.40	.34	.32
575-199320	110-99-320-41-001	20	1.0	.3	.4	.48	.44	.38	.36
575-199324	110-99-324-41-001	24	1.2	.3	.4	.58	.52	.47	.43
575-199328	110-99-328-41-001	28	1.4	.3	.4	.67	.62	.53	.50
575-199424	110-99-424-41-001	24	1.2	.4	.5	.58	.52	.47	.43
575-199624	110-99-624-41-001	24	1.2	.6	.7	.58	.52	.47	.43
575-199628	110-99-628-41-001	28	1.4	.6	.7	.67	.62	.53	.50
575-199632	110-99-632-41-001	32	1.6	.6	.7	.77	.70	.61	.58
575-199640	110-99-640-41-001	40	2.0	.6	.7	.96	.88	.76	.72
575-199648	110-99-648-41-001	48	2.4	.6	.7	1.15	1.06	.91	.86
575-199964	110-99-964-41-001	64	3.2	.9	1.0	1.54	1.41	1.22	1.15

Tin Sleeve, Gold Contact • Sleeve: 200μ tin • Contact: 30μ gold

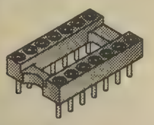
MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	A	B	C	1	10	100	500
575-193308	110-93-308-41-001	8	.4	.3	.4	.26	.23	.20	.18
575-193314	110-93-314-41-001	14	.7	.3	.4	.45	.41	.35	.32
575-193316	110-93-316-41-001	16	.8	.3	.4	.50	.45	.38	.37
575-193318	110-93-318-41-001	18	.9	.3	.4	.58	.52	.45	.41
575-193320	110-93-320-41-001	20	1.0	.3	.4	.64	.58	.50	.46
575-193324	110-93-324-41-001	24	1.2	.3	.4	.77	.70	.60	.55
575-193328	110-93-328-41-001	28	1.4	.3	.4	.90	.81	.70	.64
575-193422	110-93-422-41-001	22	1.1	.4	.5	.70	.64	.55	.51
575-193424	110-93-424-41-001	24	1.2	.4	.5	.77	.70	.60	.55
575-193624	110-93-624-41-001	24	1.2	.6	.7	.77	.70	.60	.55
575-193628	110-93-628-41-001	28	1.4	.6	.7	.90	.81	.70	.64
575-193632	110-93-632-41-001	32	1.6	.6	.7	1.02	.93	.80	.74
575-193640	110-93-640-41-001	40	2.0	.6	.7	1.28	1.16	1.00	.92
575-193648	110-93-648-41-001	48	2.4	.6	.7	1.54	1.39	1.20	1.10
575-193950	110-93-950-41-001	50	2.5	.9	1.0	1.60	1.45	1.25	1.15
575-193964	110-93-964-41-001	64	3.2	.9	1.0	2.05	1.86	1.60	1.47

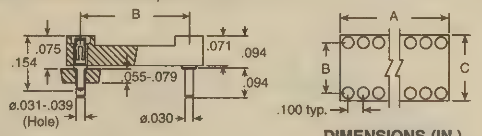
Gold Sleeve, Gold Contact • Sleeve: 10μ gold • Contact: 30μ gold

MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	A	B	C	1	10	100	500
575-113308	110-13-308-41-001	8	.4	.3	.4	.35	.32	.28	.26
575-113314	110-13-314-41-001	14	.7	.3	.4	.62	.56	.50	.46
575-113316	110-13-316-41-001	16	.8	.3	.4	.71	.64	.57	.53
575-113318	110-13-318-41-001	18	.9	.3	.4	.79	.72	.64	.59
575-113320	110-13-320-41-001	20	1.0	.3	.4	.89	.80	.71	.67
575-113324	110-13-324-41-001	24	1.2	.3	.4	1.06	.96	.85	.79
575-113328	110-13-328-41-001	28	1.4	.3	.4	1.23	1.12	1.00	.92
575-113624	110-13-624-41-001	24	1.2	.6	.7	1.06	.96	.85	.79
575-113628	110-13-628-41-001	28	1.4	.6	.7	1.23	1.12	1.00	.92
575-113632	110-13-632-41-001	32	1.6	.6	.7	1.41	1.28	1.13	.06
575-113640	110-13-640-41-001	40	2.0	.6	.7	1.76	1.60	1.42	1.32
575-113648	110-13-648-41-001	48	2.4	.6	.7	2.11	1.92	1.73	1.58
575-113950	110-13-950-41-001	50	2.5	.6	.7	2.20	2.00	1.80	1.65
575-113964	110-13-964-41-001	64	3.2	.9	1.0	2.82	2.56	2.27	2.11

ULTRA LOW PROFILE IC SOCKETS WITH SCREW MACHINED SLEEVES

ocket height is .095" above the printed circuit board. It has all the features of the standard low profile series cluding open frame design, for maximum heat dissipation and easier cleaning. 4 finger stamped beryllium copper ner contact, press fitted into a precision machined brass receptacle sleeve.





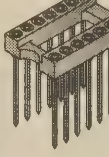
DIMENSIONS (IN.)

Sleeve: 200μ tin • Contact: 30μ gold

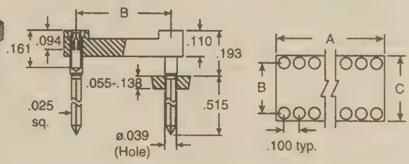
MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	Dimensions (In.) A	B	C	Price Each 1	10	100	500
575-393308	115-93-308-41-003	8	.4	.3	.4	.40	.36	.32	.28
575-393314	115-93-314-41-003	14	.7	.3	.4	.70	.63	.56	.49
575-393316	115-93-316-41-003	16	.8	.3	.4	.80	.72	.64	.56
575-393318	115-93-318-41-003	18	.9	.3	.4	.90	.81	.72	.63
575-393320	115-93-320-41-003	20	1.0	.3	.4	1.00	.90	.80	.70
575-393324	115-93-324-41-003	24	1.2	.3	.4	1.20	1.08	.96	.84
575-393328	115-93-328-41-003	28	1.4	.3	.4	1.40	1.26	1.12	.98
575-393422	115-93-422-41-003	22	1.1	.4	.5	1.10	.99	.88	.77
575-393424	115-93-424-41-003	24	1.2	.4	.5	1.20	1.08	.96	.84
575-393624	115-93-624-41-003	24	1.2	.6	.7	1.20	1.08	.96	.84
575-393628	115-93-628-41-003	28	1.4	.6	.7	1.40	1.26	1.12	.98
575-393632	115-93-632-41-003	32	1.6	.6	.7	1.60	1.44	1.28	1.12
575-393640	115-93-640-41-003	40	2.0	.6	.7	2.00	1.80	1.60	1.40
575-393648	115-93-648-41-003	48	2.4	.6	.7	2.40	2.16	1.92	1.68

3-LEVEL WIRE WRAP IC SOCKETS WITH SCREW MACHINED SLEEVES

Socket has .515" terminal lengths for 3 level, solderless, wire wrapping. Terminals are locked into the insulator body to withstand the torques of wrapping tool. Open frame design for easier PCB cleaning and maximum heat dissipation. Features a 4 finger inner contact of beryllium copper, press fit into a precision machined brass receptacle sleeve.



DIMENSIONS (IN.)



Tin Sleeve, Gold Contact • Sleeve: 200μ tin • Contact: 30μ gold

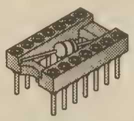
MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	Dimensions (In.) A	B	C	Price Each 1	10	100	500
575-293308	123-93-308-41-001	8	.4	.3	.4	.56	.48	.40	.36
575-293314	123-93-314-41-001	14	.7	.3	.4	.98	.84	.70	.63
575-293316	123-93-316-41-001	16	.8	.3	.4	1.12	.96	.80	.72
575-293318	123-93-318-41-001	18	.9	.3	.4	1.26	1.08	.90	.81
575-293320	123-93-320-41-001	20	1.0	.3	.4	1.40	1.20	1.00	.90
575-293324	123-93-324-41-001	24	1.2	.3	.4	1.68	1.44	1.20	1.08
575-293328	123-93-328-41-001	28	1.4	.3	.4	1.96	1.68	1.40	1.26
575-293422	123-93-422-41-001	22	1.1	.4	.5	1.54	1.32	1.10	.99
575-293424	123-93-424-41-001	24	1.2	.4	.5	1.68	1.44	1.20	1.08
575-293624	123-93-624-41-001	24	1.2	.6	.7	1.68	1.44	1.20	1.08
575-293628	123-93-628-41-001	28	1.4	.6	.7	1.96	1.68	1.40	1.26
575-293632	123-93-632-41-001	32	1.6	.6	.7	2.24	1.92	1.60	1.44
575-293640	123-93-640-41-001	40	2.0	.6	.7	2.80	2.40	2.00	1.80
575-293648	123-93-648-41-001	48	2.4	.6	.7	3.36	2.88	2.40	2.16
575-293950	123-93-950-41-001	50	2.5	.9	1.0	3.50	3.00	2.50	2.25
575-293964	123-93-964-41-001	64	3.2	.9	1.0	4.48	3.84	3.20	2.88

Gold Sleeve, Gold Contact • Sleeve: 10μ gold • Contact: 30μ gold

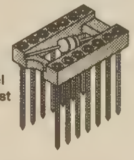
MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	A	B	C	1	10	100	500
575-213308	123-13-308-41-001	8	.4	.3	.4	.72	.64	.56	.52
575-213314	123-13-314-41-001	14	.7	.3	.4	1.26	1.12	.98	.91
575-213316	123-13-316-41-001	16	.8	.3	.4	1.44	1.28	1.12	1.04
575-213318	123-13-318-41-001	18	.9	.3	.4	1.62	1.44	1.26	1.17
575-213320	123-13-320-41-001	20	1.0	.3	.4	1.80	1.60	1.40	1.30
575-213324	123-13-324-41-001	24	1.2	.3	.4	2.16	1.92	1.68	1.56
575-213422	123-13-322-41-001	22	1.1	.3	.4	1.98	1.76	1.54	1.43
575-213624	123-13-624-41-001	24	1.2	.6	.7	2.16	1.92	1.68	1.56
575-213628	123-13-628-41-001	28	1.4	.6	.7	2.52	2.24	1.96	1.82
575-213640	123-13-640-41-001	40	2.0	.6	.7	3.60	3.20	2.80	2.60

IC SOCKETS WITH INTEGRAL DECOUPLING CAPACITOR

- Capacitor: .1μF 20%-50V
- Temperature range: -25°C to + 85°C

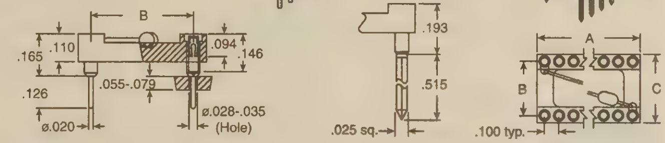


Solder Tail



3 Level Wrapost

DIMENSIONS (IN.)



Tin Sleeve, Gold Contact, Solder Tail • Sleeve: 200μ tin • Contact: 30μ gold

MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	Dimensions (In.) A	B	C	Price Each 1	10	100	500
575-493314	110-93-314-41-801	14	0.7	0.3	0.4	1.40	1.18	1.06	0.90
575-493316	110-93-316-41-801	16	0.8	0.3	0.4	1.50	1.26	1.14	0.96
575-493318	110-93-318-41-801	18	0.9	0.3	0.4	1.60	1.35	1.22	1.03
575-493320	110-93-320-41-801	20	1.0	0.3	0.4	1.63	1.37	1.24	1.04
575-493324	110-93-324-41-801	24	1.2	0.3	0.4	1.87	1.56	1.42	1.19
575-493624	110-93-624-41-801	24	1.2	0.6	0.7	2.06	1.73	1.56	1.23
575-493628	110-93-628-41-801	28	1.4	0.6	0.7	2.22	1.87	1.69	1.42
575-493640	110-93-640-41-801	40	2.0	0.6	0.7	2.62	2.20	1.99	1.68

Gold Sleeve, Gold Contact, Solder Tail • Sleeve: 10μ gold • Contact: 30μ gold

MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	A	B	C	1	10	100	500
575-413314	110-13-314-41-801	14	.7	.3	.4	1.39	1.39	1.26	1.06
575-413316	110-13-316-41-801	16	.8	.3	.4	1.52	1.52	1.38	1.16
575-413318	110-13-318-41-801	18	.9	.3	.4	1.63	1.63	1.47	1.24
575-413320	110-13-320-41-801	20	1.0	.3	.4	1.68	1.68	1.52	1.28
575-413324	110-13-324-41-801	24	1.2	.3	.4	1.94	1.94	1.75	1.48
575-413624	110-13-624-41-801	24	1.2	.6	.7	2.10	2.10	1.90	1.60
575-413628	110-13-628-41-801	28	1.4	.6	.6	2.29	2.29	2.07	1.74
575-413640	110-13-640-41-801	40	2.0	.6	.7	2.70	2.70	2.45	2.06

Tin Sleeve, Gold Contact, 3 Level Wrapost • Sleeve: 200μ tin • Contack 30μ gold

MOUSER STOCK NO.	Manufacturers Type	No. of Cont.	A	B	C	1	10	100	500
575-593314	123-93-314-41-801	14	.7	.3	.4	2.83	1.90	1.72	1.45
575-593316	123-93-316-41-801	16	.8	.3	.4	3.13	2.10	1.90	1.60
575-593318	123-93-318-41-801	18	.9	.3	.4	3.38	2.27	2.05	1.73
575-593320	123-93-320-41-801	20	1.0	.3	.4	3.53	2.37	2.14	1.80
575-593324	123-93-324-41-801	24	1.2	.3	.4	4.34	2.91	2.64	2.22
575-593624	123-93-624-41-801	24	1.2	.6	.7	4.34	2.91	2.64	2.22
575-593628	123-93-628-41-801	28	1.4	.6	.7	4.84	3.25	2.94	2.48
575-593640	123-93-640-41-801	40	2.0	.6	.7	6.10	4.10	3.71	3.12

Other Mill-Max products are available. Call any Mouser Service Representative for price and availability.

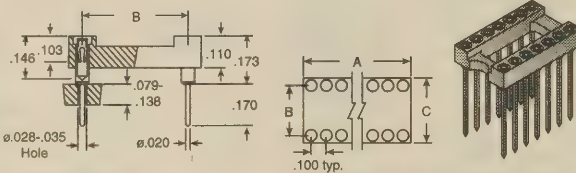
MILL-MAX IC Sockets and Interconnects

DUAL-IN-LINE SOCKETS

Long Solder Tail for Multilayer PC Boards, Open Frame

DIMENSIONS (IN.)

DIP sockets with increased solder tail length of .170", allowing application on multilayer PCB's up to .139" thickness. Other lengths available upon request.



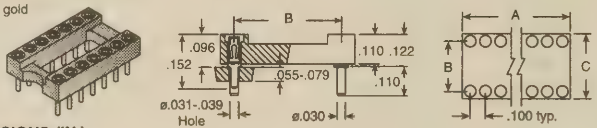
- Sleeve: 200μ tin
- Contact: 30μ gold

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Manufacturer's Type	No. of Cont.	Dimensions (In.)			Price Each			
			A	B	C	1	10	100	500
575-993308	111-93-308-41-001	8	.4	.3	.4	.34	.31	.28	.27
575-993314	111-93-314-41-001	14	.7	.3	.4	.58	.52	.47	.45
575-993316	111-93-316-41-001	16	.8	.3	.4	.66	.60	.54	.51
575-993320	111-93-320-41-001	20	1.0	.3	.4	.79	.72	.65	.62
575-993324	111-93-324-41-001	24	1.2	.3	.4	.95	.87	.78	.74
575-993624	111-93-624-41-001	24	1.2	.6	.7	.95	.87	.78	.74
575-993628	111-93-628-41-001	28	1.4	.6	.7	1.11	1.01	.91	.86
575-993632	111-93-632-41-001	32	1.6	.6	.7	1.27	1.16	1.04	.98
575-993640	111-93-640-41-001	40	2.0	.6	.7	1.59	1.45	1.30	1.23

Very Low Profile, Open Frame

- Reduced height: only .122" above PCB
- Sleeve: 200μ tin
- Contact: 30μ gold



DIMENSIONS (IN.)

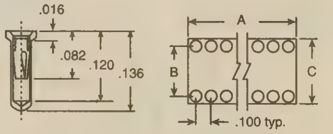
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Manufacturer's Type	No. of Cont.	Dimensions (In.)			Price Each			
			A	B	C	1	10	100	500
575-893308	115-93-308-41-001	8	.4	.3	.4	.42	.38	.35	.31
575-893314	115-93-314-41-001	14	.7	.3	.4	.71	.64	.58	.52
575-893316	115-93-316-41-001	16	.8	.3	.4	.81	.74	.66	.59
575-893318	115-93-318-41-001	18	.9	.3	.4	.91	.83	.75	.66
575-893320	115-93-320-41-001	20	1.0	.3	.4	.98	.89	.79	.71
575-893324	115-93-324-41-001	24	1.2	.3	.4	1.17	1.07	.96	.85
575-893328	115-93-328-41-001	28	1.4	.3	.4	1.37	1.24	1.12	.99
575-893624	115-93-624-41-001	24	1.2	.6	.7	1.17	1.07	.96	.85
575-893628	115-93-628-41-001	28	1.4	.6	.7	1.37	1.24	1.12	.99
575-893632	115-93-632-41-001	32	1.6	.6	.7	1.56	1.42	1.28	1.14
575-893640	115-93-640-41-001	40	2.0	.6	.7	1.95	1.77	1.59	1.42

Carrier Type, Miniature

Convenient way to load loose receptacles on PC board. Offers maximum ventilation and better visibility for inspection.

DIMENSIONS (IN.)



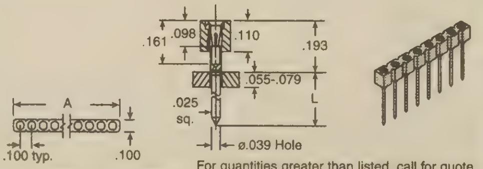
- Sleeve: 200μ tin
- Contact: 30μ gold

MOUSER STOCK NO.	Manufacturer's Type	No. of Cont.	Dimensions (In.)			Price Each			
			A	B	C	1	10	100	500
575-793308	614-93-308-31-012	8	.4	.3	.4	.55	.49	.45	.42
575-793314	614-93-314-31-012	14	.7	.3	.4	.95	.87	.78	.75
575-793316	614-93-316-31-012	16	.8	.3	.4	1.09	.99	.89	.84
575-793318	614-93-318-31-012	18	.9	.3	.4	1.23	1.12	1.00	.95
575-793320	614-93-320-31-012	20	1.0	.3	.4	1.36	1.24	1.12	1.05
575-793324	614-93-324-31-012	24	1.2	.3	.4	1.64	1.49	1.34	1.26
575-793328	614-93-328-31-012	28	1.4	.3	.4	1.91	1.74	1.56	1.48
575-793624	614-93-624-31-012	24	1.2	.6	.7	1.64	1.49	1.34	1.26
575-793632	614-93-632-31-012	32	1.6	.6	.7	2.18	1.98	1.79	1.69
575-793640	614-93-640-31-012	40	2.0	.6	.7	2.73	2.48	2.23	2.11

SINGLE-IN-LINE SOCKETS

Wrapost, Single Row

- Contact: 30μ gold
- Sleeve: 30μ gold or 200μ tin
- May be cut to any length



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

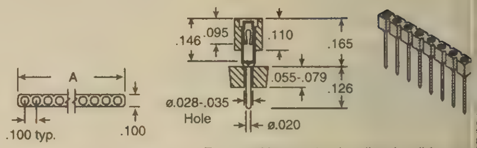
MOUSER STOCK NO.	Manufacturer's Type	No. of Cont.	Dim. (In.)		Sleeve Plating	Wrapost Level	Price Each			
			A	L			1	10	100	500
575-213120	322-13-120-41-001	20	2.0	.375	Gold	2	2.30	2.21	1.63	1.44
575-293120	322-93-120-41-001	20	2.0	.375	Tin	2	1.80	1.73	1.28	1.13
575-213132	322-13-132-41-001	32	3.2	.375	Gold	2	3.68	3.54	2.61	2.30
575-293132	322-93-132-41-001	32	3.2	.375	Tin	2	2.88	2.77	2.05	1.81
575-313120	323-13-120-41-001	20	2.0	.515	Gold	3	2.52	2.41	1.78	1.57
575-393120	323-93-120-41-001	20	2.0	.515	Tin	3	1.98	1.90	1.40	1.24
575-313132	323-13-132-41-001	32	3.2	.515	Gold	3	4.03	3.86	2.85	2.51
575-393132	323-93-132-41-001	32	3.2	.515	Tin	3	3.17	3.04	2.24	1.98

SINGLE-IN-LINE SOCKETS (cont.)

Solder Tail, Single Row

- Contact: 30μ gold
- Sleeve: 30μ gold or 200μ tin
- May be cut to any length

DIMENSIONS (IN.)



For quantities greater than listed, call for quot

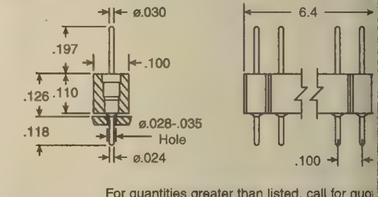
MOUSER STOCK NO.	Manufacturer's Type	No. of Cont.	Dim. A (In.)	Sleeve Plating	Contact Plating	Price Each			
						1	10	100	50
575-193108	310-93-108-41-001	8	.8	Tin	Gold	.23	.21	.19	.1
575-113108	310-13-108-41-001	8	.8	Gold	Gold	.51	.49	.36	.3
575-193110	310-93-110-41-001	10	1.0	Tin	Gold	.29	.26	.24	.2
575-113110	310-13-110-41-001	10	1.0	Gold	Gold	.63	.61	.45	.3
575-193114	310-93-114-41-001	14	1.4	Tin	Gold	.43	.37	.33	.3
575-113114	310-13-114-41-001	14	1.4	Gold	Gold	.88	.86	.63	.5
575-193120	310-93-120-41-001	20	2.0	Tin	Gold	.58	.53	.47	.4
575-113120	310-13-120-41-001	20	2.0	Gold	Gold	1.28	1.22	.90	.8
575-193130	310-93-130-41-001	30	3.0	Tin	Gold	.88	.79	.71	.6
575-113130	310-13-130-41-001	30	3.0	Gold	Gold	1.89	1.83	1.36	1.1
575-193132	310-93-132-41-001	32	3.2	Tin	Gold	.93	.85	.76	.7
575-113132	310-13-132-41-001	32	3.2	Gold	Gold	2.05	1.95	1.47	1.2
575-193164	310-93-164-41-001	64	6.4	Tin	Gold	1.87	1.69	1.51	1.4
575-113164	310-13-164-41-001	64	6.4	Gold	Gold	4.04	3.91	2.90	2.5

INTERCONNECTS, SINGLE ROW

Pin Header, Straight Solder Tail

Specifications:

- Receptacles: accept .030" diameter and .025" square pins
- Current rating (clip): 4.5A



DIMENSIONS (IN.)

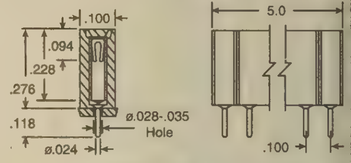
For quantities greater than listed, call for quo

MOUSER STOCK NO.	Manufacturer's Type	No. of Pins	Pin Plating	Price Each			
				1	10	100	500
575-010064	800-10-064-10-001	64	10μ gold	4.64	4.22	3.79	3.5

Socket, Straight Solder Tail

Specifications:

- Receptacles: accept .030" diameter and .025" square pins
- Current rating (clip): 4.5A



DIMENSIONS (IN.)

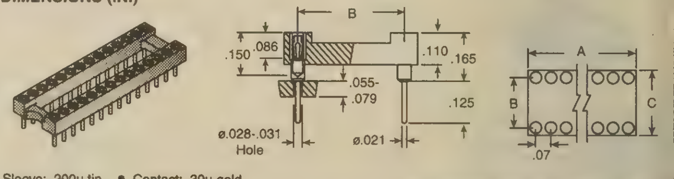
For quantities greater than listed, call for quo

MOUSER STOCK NO.	Manufacturer's Type	No. of Pins	Sleeve Plating	Contact Plating	Price Each			
					1	10	100	500
575-093050	801-93-050-10-001	50	200μ tin	30μ gold	4.05	3.68	3.31	3.1

SHRINK DIP SOCKETS, OPEN FRAME

High density DIP sockets for devices featuring .070" lead spacing

DIMENSIONS (IN.)



- Sleeve: 200μ tin
- Contact: 30μ gold

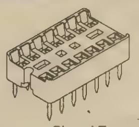
For quantities greater than listed, call for quot

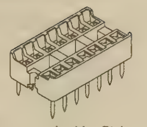
MOUSER STOCK NO.	Manufacturer's Type	No. of Cont.	Dimensions (In.)			Price Each			
			A	B	C	1	10	100	500
575-693316	117-93-316-41-005	16	.572	.3	.39	1.18	.94	.85	.77
575-693428	117-93-428-41-005	28	.992	.4	.49	1.81	1.59	1.44	1.29
575-693430	117-93-430-41-005	30	1.062	.4	.49	1.93	1.70	1.55	1.39
575-693448	117-93-448-41-005	48	1.692	.4	.49	3.09	2.72	2.47	2.23
575-693620	117-93-620-41-005	20	.712	.4	.49	1.29	1.13	1.03	0.93
575-693628	117-93-628-41-005	28	.992	.6	.69	1.81	1.59	1.44	1.29
575-693640	117-93-640-41-005	40	1.412	.6	.69	2.56	2.27	2.06	1.85
575-693642	117-93-642-41-005	42	1.482	.6	.69	2.70	2.38	2.16	1.95
575-693648	117-93-648-41-005	48	1.692	.6	.69	3.09	2.72	2.47	2.23
575-693652	117-93-652-41-005	52	1.832	.6	.69	3.26	2.86	2.60	2.34
575-693656	117-93-656-41-005	56	1.972	.6	.69	3.51	3.09	2.81	2.53
575-693664	117-93-664-41-005	64	2.252	.6	.69	4.01	3.53	3.21	2.89
575-693668	117-93-668-41-005	68	2.392	.6	.69	4.26	3.75	3.41	3.07
575-693764	117-93-764-41-005	64	2.252	.75	.84	4.01	3.53	3.21	2.89

AMP DUAL LEAF IC SOCKETS

- Low profile .175" max. seating plane above PC board
- Dual wiping contacts
- Anti-over stress feature prevents contact damage
- Closed bottom design prevents solder contamination of contact cavity
- Housing: glass-filled, black UL 94V-0 rated thermoplastic
- Contact material: phosphor bronze
- Contact plating: tin or gold over nickel

E28476 LR7189


Closed Frame


Ladder Style

losed Frame

MOUSER STOCK NO.	No. of Pins	Body Width (In.)	Row to Row (In.)	Max Body Length (In.)	Price Each		
					1	10	100
Tin Plated Contacts							
571-3902611	6	.394	.300	.295	.08	.07	.06
571-3902612	8	.394	.300	.395	.08	.07	.06
571-3902613	14	.394	.300	.695	.08	.07	.06
571-3902614	16	.394	.300	.795	.09	.08	.07
571-3902615	18	.394	.300	.895	.10	.09	.08
571-3902616	20	.394	.300	.995	.11	.10	.09
571-26403603	22	.494	.400	1.095	.48	.42	.38
571-3902621	24	.694	.600	1.195	.18	.15	.14
571-3902622	28	.694	.600	1.395	.30	.23	.18
571-3902625	40	.694	.600	1.995	.41	.31	.24
Gold Plated Contacts							
571-26412964	6	.394	.300	.295	.44	.39	.36
571-26404634	8	.394	.300	.395	.22	.19	.17
571-26403574	14	.394	.300	.695	.29	.25	.23
571-26403584	16	.394	.300	.795	.31	.27	.25
571-26403594	18	.394	.300	.895	.82	.72	.65
571-26404644	20	.394	.300	.995	.43	.38	.34
571-26403614	24	.694	.600	1.195	1.96	1.73	1.57
571-26403624	28	.694	.600	1.395	.71	.63	.57
571-26403794	40	.694	.600	1.995	.95	.84	.76

adder Style

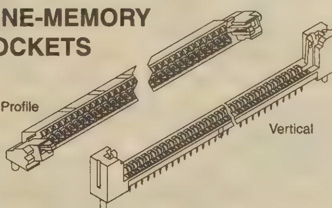
Tin Plated Contacts							
571-3902613	14	.394	.300	.695	.08	.07	.06
571-3902614	16	.394	.300	.795	.09	.08	.07
571-3902615	18	.394	.300	.895	.10	.09	.08
571-3902617	22	.394	.300	1.095	.16	.14	.13
571-3902618	24	.394	.300	1.195	.13	.12	.11
571-3902621	24	.694	.600	1.195	.18	.15	.14
571-3902619	28	.394	.300	1.395	.18	.16	.14
571-3902622	28	.694	.600	1.395	.30	.23	.18
571-3902632	32	.694	.600	1.595	.35	.27	.21
571-3902625	40	.694	.600	1.995	.41	.31	.24
571-3902627	48	.694	.600	2.395	1.05	.96	.87
Gold Plated Contacts							
571-26415994	14	.394	.300	.695	.67	.537	.47
571-26416004	16	.394	.300	.795	.71	.57	.50
571-26416014	18	.394	.300	.895	.72	.65	.59
571-26416024	20	.394	.300	.995	.43	.38	.34
571-26403604	22	.494	.400	1.095	.65	.56	.51
571-26416044	24	.694	.600	1.195	.60	.59	.48
571-26416054	28	.694	.600	1.395	.71	.63	.57
571-26416064	40	.694	.600	1.995	.95	.84	.76
571-26435744	48	.694	.600	2.395	1.29	1.18	.97

AMP SINGLE-IN-LINE-MEMORY MODULE (SIMM) SOCKETS

pecifications:

Housing material: liquid crystal polymer UL 94V-0
Contact material: phosphor bronze

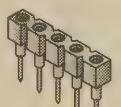
E28476 LR7189



MOUSER STOCK NO.	No. of Positions	Contact Plating	Mounting Type	Center-line	No. of Rows	Polar-ization	Price Each		
							1	10	100
571-8220194	72	Tin	Vertical	.50"	Single	Right	5.29	4.07	3.13
571-8220314	72	Gold	Vertical	.50"	Single	Left	5.92	4.55	3.50
571-8220303	72	Tin	Vertical	.50"	Single	Left	2.62	2.02	1.55
571-8219973	72	Gold	Vertical	.50"	Double	Left	5.29	4.07	3.13
571-8220234	72	Tin	Vertical	.100"	Double	Left	3.94	3.68	2.98
571-8220334	72	Gold	Vertical	.100"	Single	Left	8.45	6.50	4.82

Augat® SIP BREAK-A-WAY SOCKETS

Gold plated contacts
10 pin strips
.100" grid spacing



For quantities greater than listed, call for quote.

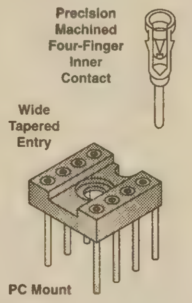
MOUSER STOCK NO.	Type	Sleeve Plating	Price Each			
			1	100	500	1000
506-510-AG91D	PC mount	Tin	1.30	1.19	1.07	.96
506-510-AG91F	Wirewound	Tin	2.50	2.29	2.05	1.85
506-510-AG90D	PC mount	Gold	2.01	1.85	1.65	1.49

MEETS MIL SPECS

Thomas&Betts® Augat® HI-REL SOLID FRAME SOCKETS

With Machined Contacts

MEETS MIL SPECS



Tapered entry with four-finger machined inner contact and machined outer sleeve. Contact features closed end construction eliminating any solder or flux wicking problems. Meets most severe military requirements for high shock and vibration.

- Low profile
- XY stackable
- UL rated 94V-0, thermoplastic polyester insulator
- Closed frame insulator

MOUSER STOCK NO.	No. of Cont.	Spacing (In.)	Price Each			
			1	25	100	500
Gold Plated Contact and Tin Plated Sleeve						
506-508-AG11D	8	.3 x .1	1.44	1.22	1.10	.99
506-514-AG11D	14	.3 x .1	1.90	1.60	1.45	1.30
506-516-AG11D	16	.3 x .1	2.17	1.82	1.65	1.48
506-520-AG11D	20	.3 x .1	3.14	2.64	2.39	2.15
506-524-AG11D	24	.6 x .1	3.99	3.36	3.05	2.73
506-528-AG11D	28	.6 x .1	4.10	3.46	3.13	2.81
Gold Plated Contact and Sleeve						
506-508-AG10D	8	.3 x .1	2.08	1.77	1.56	1.40
506-514-AG10D	14	.3 x .1	2.92	2.48	2.19	1.97
506-516-AG10D	16	.3 x .1	3.44	2.92	2.58	2.32

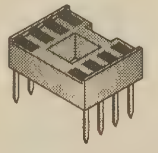
Thomas&Betts® Augat® LOW COST DIP SOCKETS

SINGLE LEAF CONTACTS

File No. 111362

MEETS MIL SPECS

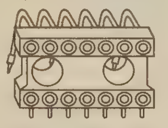
- PC mounting
- Anti-overstress detent
- Enlarged entry for use of hand and machine IC insertion
- Open ladder insulator for better cleaning, cooling, visibility, and repair
- Insulator-thermoplastic polyester, UL rated 94V-0


PC Mount

MOUSER STOCK NO.	No. of Pins	Spacing (In.)	Price Each			
			1	100	500	1000
Tin Plated, Phosphor Bronze						
506-240-AG19DC	40	.6 x .1	.46	.30	.24	.16
Tin Plated, Beryllium Copper						
506-208-AG39D	8	.3 x .1	.16	.13	.12	.11
506-216-AG39D	16	.3 x .1	.29	.24	.21	.20
506-222-AG39D	22	.4 x .1	.29	.25	.22	.16

Thomas&Betts® Augat® LED NUMERIC DISPLAY SOCKETS

- Machined contacts
- Gold plated contacts
- Tapered entry socket
- PC mounting

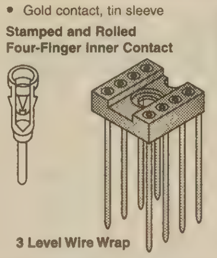

Right Angle PC Mount

MOUSER STOCK NO.	No. of Pins	Spacing (In.)	Price Each
506-514-AG7D	14	.3 x .1	3.25
506-516-AG7D	16	.3 x .1	3.61

Thomas&Betts® Augat® WIRE WRAP IC SOCKETS

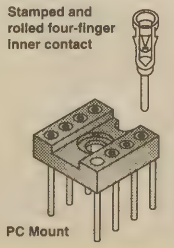
Economy Series DIP IC sockets with stamped and rolled contacts. Contacts have tapered entry ensuring proper targeting for automatic and manual IC loading. Sockets also feature four-fingered beryllium copper inner contacts.

- Gold contact, tin sleeve



MOUSER STOCK NO.	No. of Cont.	Spacing (In.)	Price Each			
			1	25	100	500
506-508AG11F-ES	8	.3 x .1	1.04	.86	.72	.68
506-514AG11F-ES	14	.3 x .1	1.15	.95	.80	.75
506-516AG11F-ES	16	.3 x .1	1.33	1.10	.93	.87
506-518AG11F-ES	18	.3 x .1	1.52	1.25	1.06	.99
506-520AG11F-ES	20	.3 x .1	1.68	1.39	1.17	1.10
506-522AG11F-ES	22	.4 x .1	4.39	3.63	3.04	2.87
506-524AG11F-ES	24	.6 x .1	2.02	1.67	1.41	1.32
506-528AG11F-ES	28	.6 x .1	2.35	1.94	1.63	1.53
506-532AG11F-ES	32	.6 x .1	2.69	2.22	1.87	1.76
506-540AG11F-ES	40	.6 x .1	3.36	2.77	2.34	2.19

Thomas&Betts® Augat® SOLID FRAME ECONOMY TAPERED ENTRY IC SOCKETS



Economy series DIP IC sockets with stamped and rolled contacts. Contacts have tapered entry ensuring proper targeting for automatic and manual IC loading. Sockets also feature four fingered beryllium copper inner contacts.

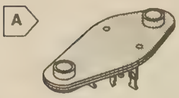
MOUSER STOCK NO.	No. of Pins	Spacing (In.)	Price Each			
			1	25	100	500
506-508AG11D-ES	8	.3 x .1	.59	.50	.45	.38
506-514AG11D-ES	14	.3 x .1	.66	.56	.50	.38
506-516AG11D-ES	16	.3 x .1	.56	.48	.43	.36
506-518AG11D-ES	18	.3 x .1	.85	.72	.65	.54
506-520AG11D-ES	20	.3 x .1	.94	.80	.72	.60
506-528AG11D-ES	28	.6 x .1	1.32	1.12	1.01	.84
506-540AG11D-ES	40	.6 x .1	1.97	1.68	1.51	1.26

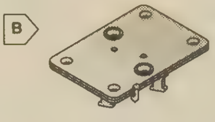
Transistor Sockets, Hardware, and Kits

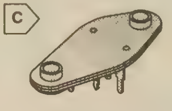
KEYSTONE TO-3 POWER TRANSISTOR SOCKETS

- Space savings
- Labor saving
- Easier servicing
- Simpler mounting

Fig. A: These sockets are held underneath the chassis and the transistor is inserted into the socket, holding the assembly in position.
Fig. B: Pre-assembling the socket to the chassis by eyelets or rivets, permits the installation of the transistor at a later stage in the assembly.
Fig. C: Easily assembled on PC board, stops on PC terminals provide sufficient spacing for proper assembly of transistor to socket.





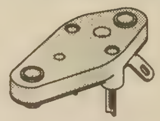


MOUSER STOCK NO.	Fig.	Case Type	Terminal Type	Top Plate Material	Standoff Height (In.)	Price Each			
						1	10	100	500
534-4601	A	TO-3	Solder	Molded nylon	.09	.81	.74	.65	.56
534-4602	A	TO-3	Solder	Molded nylon	.045	.79	.73	.62	.54
534-4603	A	TO-3	Solder	Molded nylon	.03	.79	.73	.62	.54
534-4606	B	TO-3	Solder	Phenolic	- - -	.90	.81	.72	.61
534-4600	C	TO-3	PC	Molded nylon	.09	.95	.85	.69	.58

Thomas&Betts® Augat® TO-3 POWER TRANSISTOR SOCKETS

- Temperature rating: 170°C max.
- Insulation resistance: 500MΩ
- Breakdown voltage: 800VRMS
- Contact resistance: 10mΩ max.
- Current rating: 10A max.
- Force: 12 oz. average retention

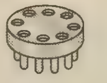
MOUSER STOCK NO.	Lead Dia. (In.)	Contact Plating	Price Each			
			1	25	50	100
506-8080-1G24	.040	Tin	2.91	2.81	2.72	2.52
506-8080-1G25	.040	Gold	4.02	3.89	3.75	3.61
506-8080-1G35	.060	Tin	3.53	3.41	3.29	3.16



10 amp rating

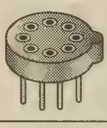
Thomas&Betts® Augat®

LOW PROFILE TRANSISTOR AND IC SOCKETS



MOUSER STOCK NO.	Type Leads	No. of Contacts	Contact Plating	Sleeve Plating	Insulator Color	Price Each			
						1	25	50	100
506-8058-1G59	PC	3	Gold	Gold	Brown	5.62	5.27	5.09	4.91
506-8058-1G49	PC	8	Gold	Gold	Brown	6.58	6.16	5.95	5.75

MILL-MAX® TRANSISTOR SOCKETS

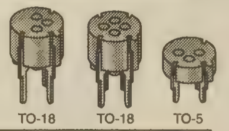


- Glass filled polyester UL94V0
- Current rating: 1A
- 30µ" gold plated contact clip
- Pin is tin plated brass

MOUSER STOCK NO.	Case Style	No. of Pins	Pin Centers (In.)	Price Each			
				1	10	100	500
575-93103	TO-5	3	.20	.57	.45	.41	.37
575-93104	TO-5	4	.20	.76	.64	.58	.53
575-93108	TO-5	8	.20	1.51	1.28	1.17	1.06
575-93208	TO-100	8	.23	1.51	1.28	1.17	1.06

SMALL SIGNAL TRANSISTOR SOCKETS

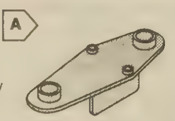
- Flammability rating: UL94V-0
- Material: 30% glass filled polyester
- Contact material: Phosphor bronze
- Contact rating: 1.0A
- Contact resistance: 10mΩ
- Temp. range: -65°C to +150°C
- Pin circle diameter: 0.2

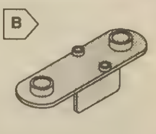


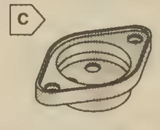
MOUSER STOCK NO.	Case Style	No. of Pins	Contact Plating	Price Each			
				1	100	500	1000
151-TO-18320G	TO-18	3	Gold	.72	.57	.52	.47
151-TO-18420G	TO-18	4	Gold	.87	.68	.62	.56
151-TO-5320G	TO-5	3	Gold	.72	.57	.52	.47

EAGLE POWER TRANSISTOR COVERS AND MOUNTS

Features
- Simplifies mounting and installation
- Improved thermal efficiency
- Heavy duty type 66 nylon







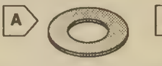
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	1000	5000
561-E001	A	TO-3 power transistor mount	.43	.16	.11	.042
561-E002	B	TO-66 power transistor mount	.43	.16	.11	.042
561-E003	C	TO-3 power transistor cover	.94	.35	.23	.084
561-E004	C	TO-66 power transistor cover	.94	.35	.23	.084

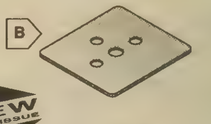
KEYSTONE TRANSISTOR MICA INSULATORS

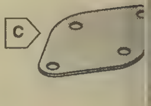
- Rapid heat dissipation
- High dielectric strength
- Non-toxic
- Low cost
- Precision stamped .003" thick mica

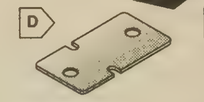
NEW THIS ISSUE

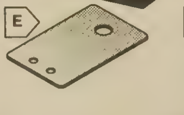
NEW THIS ISSUE

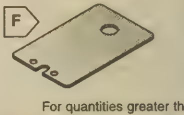


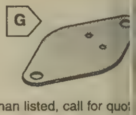












For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Screw Size	Description	Price Each		
				1	100	500
534-4681	A	10	For use with transistor cases with threaded stud	.07	.037	.031
534-4682	A	1/4	For use with transistor cases with threaded stud	.08	.039	.035
534-4656	B	- - -	For use with TO-36 transistor case	.13	.084	.064
534-4651	C	- - -	For use with TO-3 transistor case	.11	.055	.046
534-4663	D	- - -	For use with plastic transistor case	.11	.055	.046
534-4671	E	- - -	For use with plastic transistor case	.11	.055	.046
534-4672	F	- - -	For use with plastic transistor case	.11	.055	.046
534-4666	G	- - -	For use with various TO-66 transistor cases	.11	.055	.046

KEYSTONE MOUNTING KITS

Socket mounting kits for TO-3

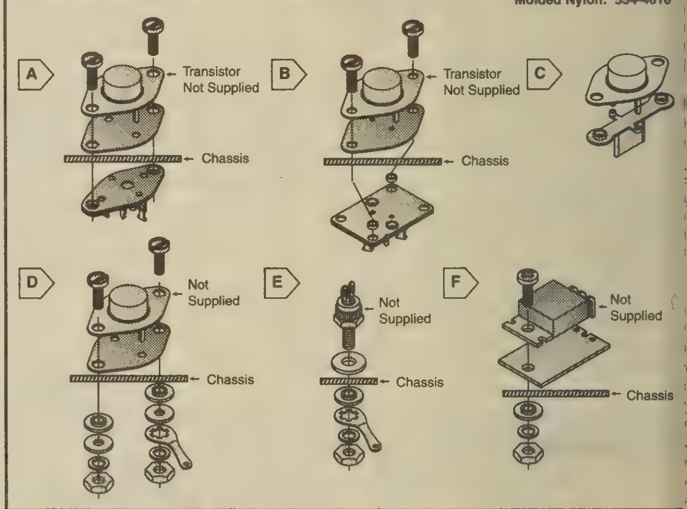
These pre-packed universal mounting kits provide all the necessary hardware and insulators required to securely mount transistors to the chassis.

Features:
- Labor saving
- Easier mounting to chassis
- Better thermal efficiency
- Avoids soldering directly to the transistor
- Easier to service

Order 534-4732 for TO-3 kit

Order 534-4734 for TO-3 kit

Molded Nylon: 534-4616



Transistor Mounting Kit With Socket

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
534-4732	A	TO-3 kit includes 2 #6-20 screws, 1 mica insulator, 1 Stock No. 534-4602 transistor socket	1.59	1.33	1.28
534-4734	B	TO-3 kit includes 2 #6-20 screws, 1 mica insulator, 4 nylon bushings, 1 Stock No. 534-4606 transistor socket	1.74	1.45	1.32
534-4616	C	Nylon power transistor mount only for TO-3	.17	- - -	.08

Transistor Mounting Kit Without Socket

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
534-4725	D	Kit for TO-3 case includes 2 #6-32 screws, 1 mica insulator, 2 shoulder washers, 2 metal washers, 1 solder terminal, 2lockwashers and 2 #6-32 nuts	1.06	.88	.83
534-4729	E	Kit for DO-4, TO-59, TO-60 and TO-62 cases includes 1 mica insulator, 1 shoulder washer, 1 solder terminal, 1 lockwasher, and 1 #10-32 nut	1.06	.88	.83
534-4730	E	Kit for DO-5, TO-48 and TO-61 cases includes 1 mica insulator, 1 shoulder washer, 1 solder terminal, 1 lockwasher and 1 1/4-28 nut	1.06	.88	.83
534-4724	F	Kit for TO-220 case includes 1 #4-40 screw, 1 mica insulator, 1 shoulder washer, 1 lockwasher and 1 #4-40 nut	1.06	.88	.83

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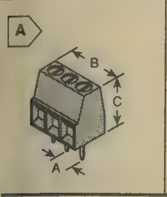

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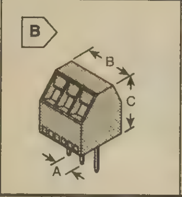

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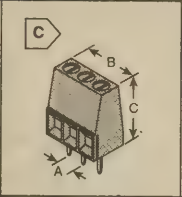

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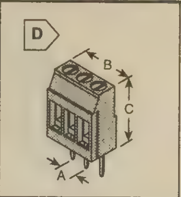

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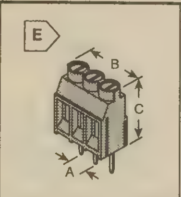

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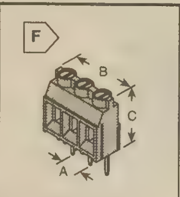

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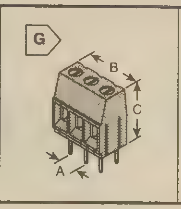

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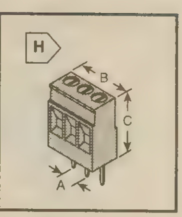

NE PIECE DESIGN w/ SCREW CLAMP TERMINATION

NEW!

ingle Level, Through-Hole Solder Mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
.54mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **L: 125V @ 6A, 30-20 AWG, Green Color**									
51-1725656	A	MPT 0.5/2-2.54	2	2.54	5.54	8.5	1.08	1.00	.80
51-1725669	A	MPT 0.5/3-2.54	3	2.54	8.08	8.5	1.62	1.50	1.20
51-1725672	A	MPT 0.5/4-2.54	4	2.54	10.62	8.5	2.16	2.00	1.60
51-1725685	A	MPT 0.5/5-2.54	5	2.54	13.16	8.5	2.70	2.50	2.00
51-1725698	A	MPT 0.5/6-2.54	6	2.54	15.7	8.5	3.24	3.00	2.40
51-1725708	A	MPT 0.5/7-2.54	7	2.54	18.24	8.5	3.78	3.50	2.80
51-1725711	A	MPT 0.5/8-2.54	8	2.54	20.78	8.5	4.32	4.00	3.20
51-1725724	A	MPT 0.5/9-2.54	9	2.54	23.32	8.5	4.86	4.50	3.60
51-1725737	A	MPT 0.5/10-2.54	10	2.54	25.86	8.5	5.40	5.00	4.00
51-1725740	A	MPT 0.5/11-2.54	11	2.54	28.4	8.5	5.94	5.50	4.40
51-1725753	A	MPT 0.5/12-2.54	12	2.54	30.94	8.5	6.48	6.00	4.80
.5mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **L: 300V @ 10A, 30-16 AWG, Green Color**									
51-1751248	A	MKDS 1/2-3.5	2	3.5	7.5	8.5	.86	.80	.64
51-1751251	A	MKDS 1/3-3.5	3	3.5	11	8.5	1.30	1.20	.96
51-1751264	A	MKDS 1/4-3.5	4	3.5	14.5	8.5	1.73	1.60	1.28
51-1751277	A	MKDS 1/5-3.5	5	3.5	18	8.5	2.15	1.99	1.59
51-1751280	A	MKDS 1/6-3.5	6	3.5	21.5	8.5	2.59	2.40	1.92
51-1751293	A	MKDS 1/7-3.5	7	3.5	25	8.5	3.01	2.79	2.23
51-1751303	A	MKDS 1/8-3.5	8	3.5	28.5	8.5	3.44	3.19	2.55
51-1751316	A	MKDS 1/9-3.5	9	3.5	32	8.5	3.89	3.60	2.88
51-1751329	A	MKDS 1/10-3.5	10	3.5	35.5	8.5	4.31	3.99	3.19
51-1751332	A	MKDS 1/11-3.5	11	3.5	39	8.5	4.74	4.39	3.51
51-1751345	A	MKDS 1/12-3.5	12	3.5	42.5	8.5	5.18	4.80	3.84
.81mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **L: 300V @ 10A, 30-16 AWG, Green Color**									
51-1727010	A	MKDS 1/2-3.81	2	3.81	7.61	8.5	.86	.80	.64
51-1727023	A	MKDS 1/3-3.81	3	3.81	11.42	8.5	1.30	1.20	.96
51-1727036	A	MKDS 1/4-3.81	4	3.81	15.23	8.5	1.73	1.60	1.28
51-1727049	A	MKDS 1/5-3.81	5	3.81	19.04	8.5	2.15	1.99	1.59
51-1727052	A	MKDS 1/6-3.81	6	3.81	22.85	8.5	2.59	2.40	1.92
51-1727065	A	MKDS 1/7-3.81	7	3.81	26.66	8.5	3.01	2.79	2.23
51-1727078	A	MKDS 1/8-3.81	8	3.81	30.47	8.5	3.44	3.19	2.55
51-1727081	A	MKDS 1/9-3.81	9	3.81	34.28	8.5	3.89	3.60	2.88
51-1727094	A	MKDS 1/10-3.81	10	3.81	38.09	8.5	4.31	3.99	3.19
51-1727104	A	MKDS 1/11-3.81	11	3.81	41.9	8.5	4.74	4.39	3.51
51-1727117	A	MKDS 1/12-3.81	12	3.81	45.71	8.5	5.18	4.80	3.84
mm PCB Reduced Height Terminal Blocks - 145° Wire-to-Pin Orientaion **L: 300V @ 10A, 30-14 AWG, Green Color**									
51-1869062	B	SMKDSN 1.5/2	2	5	11	11	.85	.79	.63
51-1869075	B	SMKDSN 1.5/3	3	5	16	11	1.28	1.19	.95
51-1869088	B	SMKDSN 1.5/4	4	5	21	11	1.70	1.58	1.26
51-1869091	B	SMKDSN 1.5/5	5	5	26	11	2.12	1.96	1.57
51-1869101	B	SMKDSN 1.5/6	6	5	31	11	2.55	2.36	1.89
51-1869114	B	SMKDSN 1.5/7	7	5	36	11	2.98	2.76	2.21
51-1869127	B	SMKDSN 1.5/8	8	5	41	11	3.40	3.15	2.52
mm PCB Reduced Height Terminal Blocks - 90° Wire-to-Pin Orientation **L: 300V @ 10A, 30-14 AWG, Green Color**									
51-1729018	C	MKDSN 1.5/2	2	5	10	10	.73	.68	.54
51-1729021	C	MKDSN 1.5/3	3	5	15	10	1.11	1.03	.82
51-1729034	C	MKDSN 1.5/4	4	5	20	10	1.47	1.36	1.09
51-1729047	C	MKDSN 1.5/5	5	5	25	10	1.84	1.70	1.36
51-1729050	C	MKDSN 1.5/6	6	5	30	10	2.20	2.04	1.63
51-1729063	C	MKDSN 1.5/7	7	5	35	10	2.58	2.39	1.91
51-1729076	C	MKDSN 1.5/8	8	5	40	10	2.93	2.71	2.17
51-1729089	C	MKDSN 1.5/9	9	5	45	10	3.31	3.06	2.45
51-1729092	C	MKDSN 1.5/10	10	5	50	10	3.67	3.40	2.72
51-1729102	C	MKDSN 1.5/11	11	5	55	10	4.04	3.74	2.99
51-1729115	C	MKDSN 1.5/12	12	5	60	10	4.40	4.08	3.26
mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **L: 300V @ 10A, 30-14 AWG, Green Color**									
1-1715022	C	MKDS 1.5/2	2	5	10	13.8	.86	.80	.64
1-1715035	C	MKDS 1.5/3	3	5	15	13.8	1.31	1.21	.97
1-1715048	C	MKDS 1.5/4	4	5	20	13.8	1.76	1.63	1.30
1-1715080	C	MKDS 1.5/8	8	5	40	13.8	3.48	3.23	2.58
1-1715129	C	MKDS 1.5/12	12	5	60	13.8	5.24	4.85	3.88
mm PCB Reduced Height Terminal Blocks - 90° Wire-to-Pin Orientation **: 300V @ 10A, 30-12 AWG, Green Color**									
1-1890963	C	MKDSN 2.5/2	2	5	10	15	.78	.73	.58
1-1890976	C	MKDSN 2.5/3	3	5	15	15	1.17	1.09	.87
1-1890989	C	MKDSN 2.5/4	4	5	20	15	1.57	1.45	1.16

NEW!

Single Level, Through-Hole Solder Mounting (cont.)

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
5mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 300V @ 10A, 30-12 AWG, Green Color**									
651-1711026	D	MKDS 3/2	2	5	10	18	1.38	1.28	1.02
651-1711039	D	MKDS 3/3	3	5	15	18	2.07	1.91	1.53
651-1711042	D	MKDS 3/4	4	5	20	18	2.75	2.55	2.04
651-1711084	D	MKDS 3/8	8	5	40	18	5.49	5.09	4.07
651-1711123	D	MKDS 3/12	12	5	60	18	8.25	7.64	6.11
5.08mm PCB Reduced Height Terminal Blocks - 145° Wire-to-Pin Orientation **UL: 300V @ 10A, 30-14 AWG, Green Color**									
651-1869211	B	SMKDSN 1.5/2-5.08	2	5.08	11.16	11	.85	.79	.63
651-1869224	B	SMKDSN 1.5/3-5.08	3	5.08	16.24	11	1.28	1.19	.95
651-1869237	B	SMKDSN 1.5/4-5.08	4	5.08	21.32	11	1.70	1.58	1.26
651-1869240	B	SMKDSN 1.5/5-5.08	5	5.08	26.4	11	2.12	1.96	1.57
651-1869253	B	SMKDSN 1.5/6-5.08	6	5.08	31.48	11	2.55	2.36	1.89
651-1869266	B	SMKDSN 1.5/7-5.08	7	5.08	36.56	11	2.98	2.76	2.21
651-1869279	B	SMKDSN 1.5/8-5.08	8	5.08	41.64	11	3.40	3.15	2.52
5.08mm PCB Reduced Height Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 300V @ 10A, 30-14 AWG, Green Color**									
651-1729128	C	MKDSN 1.5/2-5.08	2	5.08	10.16	10	.73	.68	.54
651-1729131	C	MKDSN 1.5/3-5.08	3	5.08	15.24	10	1.11	1.03	.82
651-1729144	C	MKDSN 1.5/4-5.08	4	5.08	20.32	10	1.47	1.36	1.09
651-1729157	C	MKDSN 1.5/5-5.08	5	5.08	25.4	10	1.84	1.70	1.36
651-1729160	C	MKDSN 1.5/6-5.08	6	5.08	30.48	10	2.20	2.04	1.63
651-1729173	C	MKDSN 1.5/7-5.08	7	5.08	35.56	10	2.58	2.39	1.91
651-1729186	C	MKDSN 1.5/8-5.08	8	5.08	40.64	10	2.93	2.71	2.17
651-1729199	C	MKDSN 1.5/9-5.08	9	5.08	45.72	10	3.31	3.06	2.45
651-1729209	C	MKDSN 1.5/10-5.08	10	5.08	50.8	10	3.67	3.40	2.72
651-1729212	C	MKDSN 1.5/11-5.08	11	5.08	55.88	10	4.04	3.74	2.99
651-1729225	C	MKDSN 1.5/12-5.08	12	5.08	60.96	10	4.40	4.08	3.26
5.08mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 300V @ 10A, 30-14 AWG, Green Color**									
651-1715721	C	MKDS 1.5/2-5.08	2	5.08	10.16	13.8	.86	.80	.64
651-1715734	C	MKDS 1.5/3-5.08	3	5.08	15.24	13.8	1.31	1.21	.97
651-1715747	C	MKDS 1.5/4-5.08	4	5.08	20.32	13.8	1.76	1.63	1.30
651-1715789	C	MKDS 1.5/8-5.08	8	5.08	40.64	13.8	3.48	3.23	2.58
651-1715802	C	MKDS 1.5/10-5.08	10	5.08	50.8	13.8	4.36	4.04	3.23
651-1715828	C	MKDS 1.5/12-5.08	12	5.08	60.96	13.8	5.24	4.85	3.88
5.08mm PCB Reduced Height Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 300V @ 10A, 30-12 AWG, Green Color**									
651-1888687	C	MKDSN 2.5/2-5.08	2	5.08	10.16	15	.78	.73	.58
651-1888690	C	MKDSN 2.5/3-5.08	3	5.08	15.24	15	1.17	1.09	.87
651-1888700	C	MKDSN 2.5/4-5.08	4	5.08	20.32	15	1.57	1.45	1.16
5.08mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 300V @ 10A, 30-12 AWG, Green Color**									
651-1711725	D	MKDS 3/2-5.08	2	5.08	10.16	18	1.38	1.28	1.02
651-1711738	D	MKDS 3/3-5.08	3	5.08	15.24	18	2.07	1.91	1.53
6.35mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color**									
651-1714955	E	MKDS 5/2-6.35	2	6.35	12.69	21.5	1.38	1.28	1.02
651-1714968	E	MKDS 5/3-6.35	3	6.35	19.04	21.5	1.94	1.80	1.44
9.52mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 300V @ 30A and 600V @ 5A, 30-12 AWG, Green Color**									
651-1714971	F	MKDS 5/2-9.5	2	9.52	19.04	21.5	1.38	1.28	1.02
651-1714984	F	MKDS 5/3-9.5	3	9.52	28.56	21.5	2.04	1.89	1.51
10.16mm PCB Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 600V @ 57A, 20-6 AWG, Green Color**									
651-1706785	G	MKDSP 10/2-10.16	2	10.16	15.24	29.3	7.43	6.88	5.50
651-1706798	G	MKDSP 10/3-10.16	3	10.16	25.4	29.3	10.40	9.63	7.70

Single Level, Press-Fit Mounting

For quantities greater than listed, call for quote.

5.08mm Press-Fit PCB Terminal Blocks - 90° Wire-to-Pin Orientation **UL: 300V @ 10A, 30-12 AWG, Green Color**									
651-1730612	H	EMKDS 2.5/2-5.08	2	5.08	11.34	18	1.58	1.46	1.17
651-1730625	H	EMKDS 2.5/3-5.08	3	5.08	16.42	18	2.36	2.19	1.75
651-1730638	H	EMKDS 2.5/4-5.08	4	5.08	21.5	18	3.17	2.94	2.35
651-1730641	H	EMKDS 2.5/5-5.08	5	5.08	26.58	18	3.96	3.66	2.93
651-1730654	H	EMKDS 2.5/6-5.08	6	5.08	31.66	18	4.75	4.40	3.52
651-1730667	H	EMKDS 2.5/7-5.08	7	5.08	36.74	18	5.54	5.13	4.10
651-1730670	H	EMKDS 2.5/8-5.08	8	5.08	41.82	18	6.32	5.85	4.68
651-1730683	H	EMKDS 2.5/9-5.08	9	5.08	46.9	18	7.11	6.59	5.27
651-1730696	H	EMKDS 2.5/10-5.08	10	5.08	51.98	18	7.90	7.31	5.85
651-1730706	H	EMKDS 2.5/11-5.08	11	5.08	57.06	18	8.71	8.06	6.45
651-1730719	H	EMKDS 2.5/12-5.08	12	5.08	62.14	18	9.49	8.79	7.03

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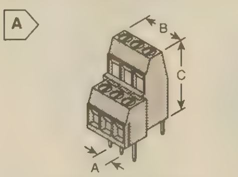

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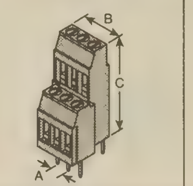

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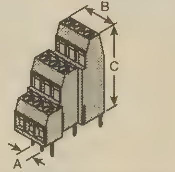

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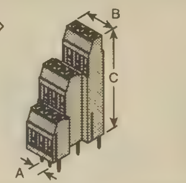

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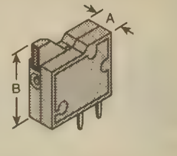

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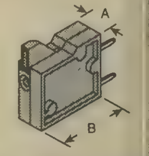

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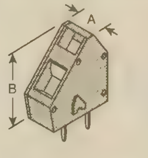

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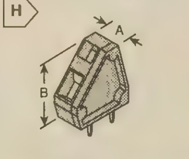

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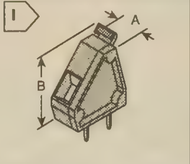

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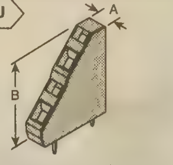

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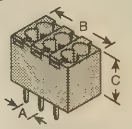

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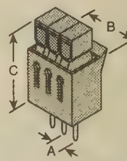

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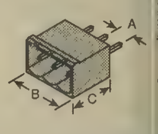


ONE PIECE DESIGN w/ SCREW CLAMP TERMINATION

NEW!

Multi-Level, Through-Hole Solder Mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
3.81mm Double Level PCB Terminal Blocks - 90° Wire-to-Pin Orientation UL: 300V @ 10A, 30-16 AWG, Green Color									
651-1708026	A	MKKDS 1/2-3.81	2	3.81	7.62	16.2	**2.69**	**2.49**	**1.99**
651-1708039	A	MKKDS 1/3-3.81	3	3.81	11.43	16.2	**4.02**	**3.73**	**2.98**
651-1708042	A	MKKDS 1/4-3.81	4	3.81	15.24	16.2	**5.37**	**4.98**	**3.98**
651-1708055	A	MKKDS 1/5-3.81	5	3.81	19.05	16.2	**6.72**	**6.23**	**4.98**
651-1708068	A	MKKDS 1/6-3.81	6	3.81	22.86	16.2	**8.06**	**7.46**	**5.97**
651-1708071	A	MKKDS 1/7-3.81	7	3.81	26.67	16.2	**9.41**	**8.71**	**6.97**
651-1708084	A	MKKDS 1/8-3.81	8	3.81	30.48	16.2	**10.76**	**9.96**	**7.97**
651-1708107	A	MKKDS 1/9-3.81	9	3.81	34.29	16.2	**12.10**	**11.20**	**8.96**
651-1708110	A	MKKDS 1/10-3.81	10	3.81	38.1	16.2	**13.43**	**12.44**	**9.95**
651-1708123	A	MKKDS 1/11-3.81	11	3.81	41.91	16.2	**14.78**	**13.69**	**10.95**
651-1708136	A	MKKDS 1/12-3.81	12	3.81	45.72	16.2	**16.13**	**14.94**	**11.95**
5mm Double Level PCB Terminal Blocks - 90° Wire-to-Pin Orientation UL: 300V @ 10A, 30-14 AWG, Green Color									
651-1725012	A	MKKDS 1.5/2	2	5	10	25.2	**2.08**	**1.93**	**1.54**
651-1725025	A	MKKDS 1.5/3	3	5	15	25.2	**3.12**	**2.89**	**2.31**
UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1721029	B	MKKDS 3/2	2	5	10	31.4	**3.54**	**3.28**	**2.62**
651-1721032	B	MKKDS 3/3	3	5	15	31.4	**5.31**	**4.91**	**3.93**
5.08mm Double Level PCB Terminal Blocks - 90° Wire-to-Pin Orientation UL: 300V @ 10A, 30-14 AWG, Green Color									
651-1725038	A	MKKDS 1.5/2-5.08	2	5.08	10.16	25.2	**2.08**	**1.93**	**1.54**
651-1725041	A	MKKDS 1.5/3-5.08	3	5.08	15.24	25.2	**3.12**	**2.89**	**2.31**
UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1721728	B	MKKDS 3/2-5.08	2	5.08	10.16	31.4	**3.54**	**3.28**	**2.62**
651-1721731	B	MKKDS 3/3-5.08	3	5.08	15.24	31.4	**5.31**	**4.91**	**3.93**
5.08mm Triple Level PCB Terminal Blocks - 90° Wire-to-Pin Orientation UL: 300V @ 10A, 30-14 AWG, Green Color									
651-1724013	C	MK3DS 1.5/2-5.08	2	5.08	10.16	36.6	**5.49**	**5.09**	**4.07**
651-1724026	C	MK3DS 1.5/3-5.08	3	5.08	15.24	36.6	**8.24**	**7.63**	**6.10**
UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1723014	D	MK3DS 3/2-5.08	2	5.08	10.16	44.8	**4.98**	**4.61**	**3.69**
651-1723027	D	MK3DS 3/3-5.08	3	5.08	15.24	44.8	**7.47**	**6.91**	**5.53**

ONE PIECE DESIGN w/ SPRING CLAMP TERMINATION

NEW!

Single Level, Through-Hole Solder Mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
UL: 150V @ 6A, 26-20 AWG, Green Color Modular 2.54mm PCB Spring Clamp Fixed Terminal Block - 90° Wire-to-Pin Orientation									
651-1791826	E	FFKDS/H-2.54	1	2.54	12.6	- - -	**.74**	**.69**	**.55**
End Terminal Block for FFKDS/H-2.54									
651-1791868	E	FFKDSA1/H-5.08	1	5.08	12.6	- - -	**1.19**	**1.10**	**.88**
Modular 2.54mm PCB Spring Clamp Fixed Terminal Block - 180° Wire-to-Pin Orientation									
651-1791813	F	FFKDS/V-2.54	1	2.54	13.6	- - -	**.74**	**.69**	**.55**
End Terminal Block for FFKDS/V-2.54									
651-1791855	F	FFKDSA1/V-5.08	1	5.08	13.6	- - -	**1.13**	**1.05**	**.84**
UL: 300V @ 10A, 26-12 AWG, Green Color Modular 5mm PCB Spring Clamp Fixed - Single Level w/o Lever - 135° Wire-to-Pin									
651-1889259	G	ZFKDS 1.5C-5.0	1	5	12.75	- - -	**.32**	**.30**	**.24**
End Terminal Block for ZFKDS 1.5C-5.0									
651-1889262	G	ZFKDSA 1.5C-6.0	1	6	12.75	- - -	**.45**	**.41**	**.33**
Modular 5.08mm PCB Spring Clamp Fixed - Single Level w/o Lever - 135° Wire-to-Pin									
651-1706701	H	ZFKDS 1.5-5.08	1	5.08	14.2	- - -	**.39**	**.36**	**.29**
End Terminal Block for ZFKDS 1.5-5.08									
651-1706727	H	ZFKDSA 1.5-7.62	1	7.62	14.2	- - -	**.66**	**.61**	**.49**
Modular 5.08mm PCB Spring Clamp Fixed - Single Level w/ Lever - 135° Wire-to-Pin									
651-1706714	I	ZFKDS 1.5-W-5.08	1	5.08	16	- - -	**.49**	**.45**	**.36**
End Terminal Block for ZFKDS 1.5-W-5.08									
651-1706730	I	ZFKDSA 1.5-W-7.62	1	7.62	16	- - -	**.68**	**.63**	**.50**

ONE PIECE DESIGN w/ SPRING CLAMP TERMINATION (con

Multi-Level, Through-Hole Solder Mounting

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
UL: 300V @ 10A, 26-12 AWG, Green Color Modular 5.08mm PCB Spring Clamp Fixed - Double Level w/o Lever - 135° Wire-to-Pin									
651-1704402	J	ZFKKDS 1.5-5.08	1	5.08	25.5	- - -	**1.11**	**1.03**	**.8**
End Terminal Block for ZFKKDS 1.5-5.08									
651-1704567	J	ZFKKDSA 1.5-6.08	1	6.08	25.5	- - -	**1.42**	**1.31**	**1.0**

ONE PIECE DESIGN w/ INSULATION DISPLACEMENT TERMINATION

NEW!

Single Level, Through-Hole Solder Mounting

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
3.5mm Insulation Displacement PCB Terminal Blocks - 180° Wire-to-Pin Orientation UL:125V @ 6A, 30-20 AWG, Green Color									
651-1891069	K	FK-MPT 0.5/2-3.5	2	3.5	5.8	9.5	**.49**	**.45**	**.3**
651-1891072	K	FK-MPT 0.5/3-3.5	3	3.5	9.3	9.5	**.73**	**.68**	**.5**
651-1891085	K	FK-MPT 0.5/4-3.5	4	3.5	12.8	9.5	**.97**	**.90**	**.7**
651-1891098	K	FK-MPT 0.5/5-3.5	5	3.5	16.3	9.5	**1.22**	**1.13**	**.9**
651-1891108	K	FK-MPT 0.5/6-3.5	6	3.5	19.8	9.5	**1.46**	**1.35**	**1.0**
651-1891111	K	FK-MPT 0.5/7-3.5	7	3.5	23.3	9.5	**1.70**	**1.58**	**1.2**
651-1891124	K	FK-MPT 0.5/8-3.5	8	3.5	26.8	9.5	**1.94**	**1.80**	**1.4**
651-1891137	K	FK-MPT 0.5/9-3.5	9	3.5	30.3	9.5	**2.19**	**2.03**	**1.6**
651-1891140	K	FK-MPT 0.5/10-3.5	10	3.5	33.8	9.5	**2.43**	**2.25**	**1.8**
651-1891153	K	FK-MPT 0.5/11-3.5	11	3.5	37.3	9.5	**2.67**	**2.48**	**1.9**
651-1891166	K	FK-MPT 0.5/12-3.5	12	3.5	40.8	9.5	**2.92**	**2.70**	**2.1**
3.81mm Insulation Displacement PCB Terminal Blocks - 90° Wire-to-Pin Orientation UL: 300V @ 5A, 28-22 AWG, Green Color									
651-1706170	L	IDC 0.3/2-3.81	2	3.81	8.81	14.8	**.84**	**.78**	**.6**
651-1706183	L	IDC 0.3/3-3.81	3	3.81	12.62	14.8	**1.19**	**1.10**	**.8**
651-1706196	L	IDC 0.3/4-3.81	4	3.81	16.43	14.8	**1.53**	**1.41**	**1.1**
651-1706206	L	IDC 0.3/5-3.81	5	3.81	20.24	14.8	**1.88**	**1.74**	**1.3**
651-1706219	L	IDC 0.3/6-3.81	6	3.81	24.05	14.8	**2.23**	**2.06**	**1.6**
651-1706222	L	IDC 0.3/7-3.81	7	3.81	27.86	14.8	**2.58**	**2.39**	**1.9**
651-1706235	L	IDC 0.3/8-3.81	8	3.81	31.67	14.8	**2.92**	**2.70**	**2.1**
651-1706248	L	IDC 0.3/9-3.81	9	3.81	35.48	14.8	**3.27**	**3.03**	**2.4**
651-1706251	L	IDC 0.3/10-3.81	10	3.81	39.29	14.8	**3.62**	**3.35**	**2.6**
651-1706264	L	IDC 0.3/11-3.81	11	3.81	43.1	14.8	**3.97**	**3.68**	**2.9**
651-1706277	L	IDC 0.3/12-3.81	12	3.81	46.91	14.8	**4.31**	**3.99**	**3.1**

TWO PIECE DESIGN - HEADERS

NEW!

Single Level, Press-Fit Mounting

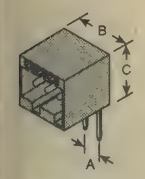
For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	5
5.08mm Press-Fit PCB Terminal Block Headers - 180° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1859519	M	EMSTBVA 2.5/2-G-5.08	2	5.08	12.16	12	**.81**	**.75**	**.**
651-1859522	M	EMSTBVA 2.5/3-G-5.08	3	5.08	17.24	12	**1.20**	**1.11**	**.**
651-1859535	M	EMSTBVA 2.5/4-G-5.08	4	5.08	22.32	12	**1.61**	**1.49**	**1.**
651-1859548	M	EMSTBVA 2.5/5-G-5.08	5	5.08	27.4	12	**2.01**	**1.86**	**1.**
651-1859551	M	EMSTBVA 2.5/6-G-5.08	6	5.08	32.48	12	**2.42**	**2.24**	**1.**
651-1859564	M	EMSTBVA 2.5/7-G-5.08	7	5.08	37.56	12	**2.82**	**2.61**	**2.**
651-1859577	M	EMSTBVA 2.5/8-G-5.08	8	5.08	42.64	12	**3.21**	**2.98**	**2.**
651-1859580	M	EMSTBVA 2.5/9-G-5.08	9	5.08	47.72	12	**3.62**	**3.35**	**2.**
651-1859593	M	EMSTBVA 2.5/10-G-5.08	10	5.08	52.8	12	**4.02**	**3.73**	**2.**
651-1859603	M	EMSTBVA 2.5/11-G-5.08	11	5.08	57.88	12	**4.43**	**4.10**	**3.**
651-1859616	M	EMSTBVA 2.5/12-G-5.08	12	5.08	62.96	12	**4.83**	**4.48**	**3.**
651-1859629	M	EMSTBVA 2.5/13-G-5.08	13	5.08	68.04	12	**5.17**	**4.79**	**3.**
651-1859632	M	EMSTBVA 2.5/14-G-5.08	14	5.08	73.12	12	**5.63**	**5.21**	**4.**
651-1859645	M	EMSTBVA 2.5/15-G-5.08	15	5.08	78.2	12	**6.03**	**5.59**	**4.**
651-1859658	M	EMSTBVA 2.5/16-G-5.08	16	5.08	83.28	12	**6.44**	**5.96**	**4.**

PHŒNIX CONTACT
INNOVATION IN INTERFACE

Headers

A



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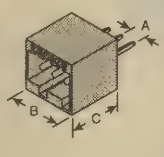

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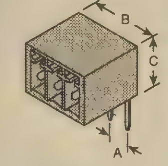

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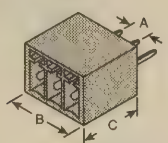

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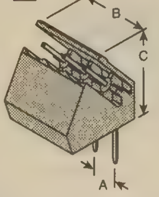

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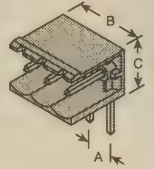

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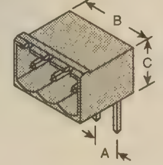

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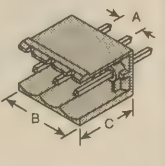

NEW!

WO PIECE DESIGN - HEADERS

ngle Level, Through-Hole Solder Mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
.5mm PCB Terminal Block Headers - 90° Socket-to-Pin Orientation L: 125V @ 4A, Green Color									
51-1881448	A	MC 0.5/2-G-2.5	2	2.5	6.9	8.1	.61	.56	.45
51-1881451	A	MC 0.5/3-G-2.5	3	2.5	9.4	8.1	.89	.83	.66
51-1881464	A	MC 0.5/4-G-2.5	4	2.5	11.9	8.1	1.16	1.08	.86
51-1881477	A	MC 0.5/5-G-2.5	5	2.5	14.4	8.1	1.43	1.33	1.06
51-1881480	A	MC 0.5/6-G-2.5	6	2.5	16.9	8.1	1.70	1.58	1.26
51-1881493	A	MC 0.5/7-G-2.5	7	2.5	19.4	8.1	1.97	1.83	1.46
51-1881503	A	MC 0.5/8-G-2.5	8	2.5	21.9	8.1	2.24	2.08	1.66
51-1881516	A	MC 0.5/9-G-2.5	9	2.5	24.4	8.1	2.51	2.33	1.86
51-1881529	A	MC 0.5/10-G-2.5	10	2.5	26.9	8.1	2.78	2.58	2.06
51-1881532	A	MC 0.5/11-G-2.5	11	2.5	29.4	8.1	3.05	2.83	2.26
51-1881545	A	MC 0.5/12-G-2.5	12	2.5	31.9	8.1	3.32	3.08	2.46
.5mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation L: 125V @ 4A, Green Color									
51-1881558	B	MCV 0.5/2-G-2.5	2	2.5	6.9	10.1	.61	.56	.45
51-1881561	B	MCV 0.5/3-G-2.5	3	2.5	9.4	10.1	.89	.83	.66
51-1881574	B	MCV 0.5/4-G-2.5	4	2.5	11.9	10.1	1.16	1.08	.86
51-1881587	B	MCV 0.5/5-G-2.5	5	2.5	14.4	10.1	1.43	1.33	1.06
51-1881590	B	MCV 0.5/6-G-2.5	6	2.5	16.9	10.1	1.70	1.58	1.26
51-1881600	B	MCV 0.5/7-G-2.5	7	2.5	19.4	10.1	1.97	1.83	1.46
51-1881613	B	MCV 0.5/8-G-2.5	8	2.5	21.9	10.1	2.24	2.08	1.66
51-1881626	B	MCV 0.5/9-G-2.5	9	2.5	24.4	10.1	2.51	2.33	1.86
51-1881639	B	MCV 0.5/10-G-2.5	10	2.5	26.9	10.1	2.78	2.58	2.06
51-1881642	B	MCV 0.5/11-G-2.5	11	2.5	29.4	10.1	3.05	2.83	2.26
51-1881655	B	MCV 0.5/12-G-2.5	12	2.5	31.9	10.1	3.32	3.08	2.46
.5mm PCB Terminal Block Headers - 90 ° Socket-to-Pin Orientation L: 300V @ 8A, Green Color									
51-1844210	C	MC 1.5/2-G-3.5	2	3.5	8.4	7.25	.63	.59	.47
51-1844223	C	MC 1.5/3-G-3.5	3	3.5	11.9	7.25	.95	.88	.70
51-1844236	C	MC 1.5/4-G-3.5	4	3.5	15.4	7.25	1.26	1.16	.93
51-1844249	C	MC 1.5/5-G-3.5	5	3.5	18.9	7.25	1.58	1.46	1.17
51-1844252	C	MC 1.5/6-G-3.5	6	3.5	22.4	7.25	1.89	1.75	1.40
51-1844265	C	MC 1.5/7-G-3.5	7	3.5	25.9	7.25	2.20	2.04	1.63
51-1844278	C	MC 1.5/8-G-3.5	8	3.5	29.4	7.25	2.51	2.33	1.86
51-1844281	C	MC 1.5/9-G-3.5	9	3.5	32.9	7.25	2.84	2.63	2.10
51-1844294	C	MC 1.5/10-G-3.5	10	3.5	36.4	7.25	3.15	2.91	2.33
51-1844304	C	MC 1.5/11-G-3.5	11	3.5	39.9	7.25	3.46	3.20	2.56
51-1844317	C	MC 1.5/12-G-3.5	12	3.5	43.4	7.25	3.78	3.50	2.80
.5mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation L: 300V @ 8A, Green Color									
51-1843606	D	MCV 1.5/2-G-3.5	2	3.5	8.4	9.2	.63	.59	.47
51-1843619	D	MCV 1.5/3-G-3.5	3	3.5	11.9	9.2	.95	.88	.70
51-1843622	D	MCV 1.5/4-G-3.5	4	3.5	15.4	9.2	1.26	1.16	.93
51-1843635	D	MCV 1.5/5-G-3.5	5	3.5	18.9	9.2	1.58	1.46	1.17
51-1843648	D	MCV 1.5/6-G-3.5	6	3.5	22.4	9.2	1.89	1.75	1.40
51-1843651	D	MCV 1.5/7-G-3.5	7	3.5	25.9	9.2	2.20	2.04	1.63
51-1843664	D	MCV 1.5/8-G-3.5	8	3.5	29.4	9.2	2.51	2.33	1.86
51-1843677	D	MCV 1.5/9-G-3.5	9	3.5	32.9	9.2	2.84	2.63	2.10
51-1843680	D	MCV 1.5/10-G-3.5	10	3.5	36.4	9.2	3.15	2.91	2.33
51-1843693	D	MCV 1.5/11-G-3.5	11	3.5	39.9	9.2	3.46	3.20	2.56
51-1843703	D	MCV 1.5/12-G-3.5	12	3.5	43.4	9.2	3.78	3.50	2.80
.81mm PCB Terminal Block Headers - 90° Socket-to-Pin Orientation L: 300V @ 8A, Green Color									
51-1803277	C	MC 1.5/2-G-3.81	2	3.81	9.01	7.25	.57	.53	.42
51-1803280	C	MC 1.5/3-G-3.81	3	3.81	12.82	7.25	.85	.79	.63
51-1803293	C	MC 1.5/4-G-3.81	4	3.81	16.63	7.25	1.13	1.05	.84
51-1803303	C	MC 1.5/5-G-3.81	5	3.81	20.44	7.25	1.42	1.32	1.05
51-1803316	C	MC 1.5/6-G-3.81	6	3.81	24.25	7.25	1.70	1.58	1.26
51-1803329	C	MC 1.5/7-G-3.81	7	3.81	28.06	7.25	1.98	1.83	1.47
51-1803332	C	MC 1.5/8-G-3.81	8	3.81	31.87	7.25	2.26	2.09	1.67
51-1803345	C	MC 1.5/9-G-3.81	9	3.81	35.68	7.25	2.55	2.36	1.89
51-1803358	C	MC 1.5/10-G-3.81	10	3.81	39.49	7.25	2.83	2.62	2.10
51-1803361	C	MC 1.5/11-G-3.81	11	3.81	43.3	7.25	3.11	2.88	2.30
51-1803374	C	MC 1.5/12-G-3.81	12	3.81	47.11	7.25	3.40	3.15	2.52
51-1803387	C	MC 1.5/13-G-3.81	13	3.81	50.92	7.25	3.68	3.41	2.73
51-1803390	C	MC 1.5/14-G-3.81	14	3.81	54.73	7.25	3.96	3.67	2.93
51-1803400	C	MC 1.5/15-G-3.81	15	3.81	58.54	7.25	4.24	3.93	3.14
51-1803413	C	MC 1.5/16-G-3.81	16	3.81	62.35	7.25	4.53	4.20	3.36

NEW!

Single Level, Through-Hole Solder Mounting (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
3.81mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation UL: 300V @ 8A, Green Color									
651-1803426	D	MCV 1.5/2-G-3.81	2	3.81	9.01	9.2	.57	.53	.42
651-1803439	D	MCV 1.5/3-G-3.81	3	3.81	12.82	9.2	.85	.79	.63
651-1803442	D	MCV 1.5/4-G-3.81	4	3.81	16.63	9.2	1.13	1.05	.84
651-1803455	D	MCV 1.5/5-G-3.81	5	3.81	20.44	9.2	1.42	1.32	1.05
651-1803468	D	MCV 1.5/6-G-3.81	6	3.81	24.25	9.2	1.70	1.58	1.26
651-1803471	D	MCV 1.5/7-G-3.81	7	3.81	28.06	9.2	1.98	1.83	1.47
651-1803484	D	MCV 1.5/8-G-3.81	8	3.81	31.87	9.2	2.26	2.09	1.67
651-1803497	D	MCV 1.5/9-G-3.81	9	3.81	35.68	9.2	2.55	2.36	1.89
651-1803507	D	MCV 1.5/10-G-3.81	10	3.81	39.49	9.2	2.83	2.62	2.10
651-1803510	D	MCV 1.5/11-G-3.81	11	3.81	43.3	9.2	3.11	2.88	2.30
651-1803523	D	MCV 1.5/12-G-3.81	12	3.81	47.11	9.2	3.40	3.15	2.52
651-1803536	D	MCV 1.5/13-G-3.81	13	3.81	50.92	9.2	3.68	3.41	2.73
651-1803549	D	MCV 1.5/14-G-3.81	14	3.81	54.73	9.2	3.90	3.61	2.89
651-1803552	D	MCV 1.5/15-G-3.81	15	3.81	58.54	9.2	4.24	3.93	3.14
651-1803565	D	MCV 1.5/16-G-3.81	16	3.81	62.35	9.2	4.53	4.20	3.36
5mm PCB Terminal Block Headers (w/o side panels) - 135° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1769230	E	SMSTB 2.5/2-G	2	5	10	14.8	.58	.54	.43
651-1769243	E	SMSTB 2.5/3-G	3	5	15	14.8	.85	.79	.63
651-1769256	E	SMSTB 2.5/4-G	4	5	20	14.8	1.13	1.05	.84
651-1769269	E	SMSTB 2.5/5-G	5	5	25	14.8	1.42	1.31	1.05
651-1769272	E	SMSTB 2.5/6-G	6	5	30	14.8	1.70	1.58	1.26
651-1769285	E	SMSTB 2.5/7-G	7	5	35	14.8	2.00	1.85	1.48
651-1769298	E	SMSTB 2.5/8-G	8	5	40	14.8	2.27	2.10	1.68
651-1769308	E	SMSTB 2.5/9-G	9	5	45	14.8	2.55	2.36	1.89
651-1769311	E	SMSTB 2.5/10-G	10	5	50	14.8	2.84	2.63	2.10
651-1769324	E	SMSTB 2.5/11-G	11	5	55	14.8	3.13	2.90	2.32
651-1769337	E	SMSTB 2.5/12-G	12	5	60	14.8	3.40	3.15	2.52
5mm PCB Terminal Block Headers (w/o side panels) - 90° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1754436	F	MSTB 2.5/2-G	2	5	10	8.6	.49	.45	.36
651-1754452	F	MSTB 2.5/3-G	3	5	15	8.6	.73	.68	.54
651-1754478	F	MSTB 2.5/4-G	4	5	20	8.6	.97	.90	.72
651-1754494	F	MSTB 2.5/5-G	5	5	25	8.6	1.22	1.13	.90
651-1754517	F	MSTB 2.5/6-G	6	5	30	8.6	1.45	1.34	1.07
651-1754533	F	MSTB 2.5/7-G	7	5	35	8.6	1.69	1.56	1.25
651-1754559	F	MSTB 2.5/8-G	8	5	40	8.6	1.93	1.79	1.43
651-1754575	F	MSTB 2.5/9-G	9	5	45	8.6	2.17	2.01	1.61
651-1754591	F	MSTB 2.5/10-G	10	5	50	8.6	2.42	2.24	1.79
651-1754614	F	MSTB 2.5/11-G	11	5	55	8.6	2.66	2.46	1.97
651-1754630	F	MSTB 2.5/12-G	12	5	60	8.6	2.90	2.69	2.15
5mm PCB Terminal Block Headers - 90° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1757475	G	MSTBA 2.5/2-G	2	5	12	8.6	.49	.45	.36
651-1757488	G	MSTBA 2.5/3-G	3	5	17	8.6	.73	.68	.54
651-1757491	G	MSTBA 2.5/4-G	4	5	22	8.6	.97	.90	.72
651-1757501	G	MSTBA 2.5/5-G	5	5	27	8.6	1.22	1.13	.90
651-1757514	G	MSTBA 2.5/6-G	6	5	32	8.6	1.45	1.34	1.07
651-1755493	G	MSTBA 2.5/7-G	7	5	37	8.6	1.69	1.56	1.25
651-1757527	G	MSTBA 2.5/8-G	8	5	42	8.6	1.93	1.79	1.43
651-1757530	G	MSTBA 2.5/9-G	9	5	47	8.6	2.17	2.01	1.61
651-1757543	G	MSTBA 2.5/10-G	10	5	52	8.6	2.42	2.24	1.79
651-1757556	G	MSTBA 2.5/11-G	11	5	57	8.6	2.66	2.46	1.97
651-1757569	G	MSTBA 2.5/12-G	12	5	62	8.6	2.90	2.69	2.15
5mm PCB Terminal Block Headers (w/o side panels) - 180° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1753437	H	MSTBV 2.5/2-G	2	5	10	12	.49	.45	.36
651-1753453	H	MSTBV 2.5/3-G	3	5	15	12	.73	.68	.54
651-1753479	H	MSTBV 2.5/4-G	4	5	20	12	.97	.90	.72
651-1753495	H	MSTBV 2.5/5-G	5	5	25	12	1.22	1.13	.90
651-1753518	H	MSTBV 2.5/6-G	6	5	30	12	1.45	1.34	1.07
651-1753534	H	MSTBV 2.5/7-G	7	5	35	12	1.69	1.56	1.25
651-1753550	H	MSTBV 2.5/8-G	8	5	40	12	1.93	1.79	1.43
651-1753576	H	MSTBV 2.5/9-G	9	5	45	12	2.17	2.01	1.61
651-1753592	H	MSTBV 2.5/10-G	10	5	50	12	2.42	2.24	1.79
651-1753615	H	MSTBV 2.5/11-G	11	5	55	12	2.66	2.46	1.97
651-1753631	H	MSTBV 2.5/12-G	12	5	60	12	2.90	2.69	2.15

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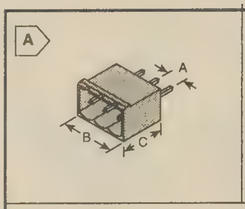

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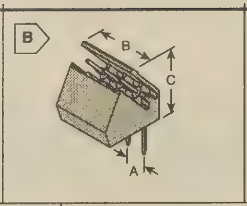

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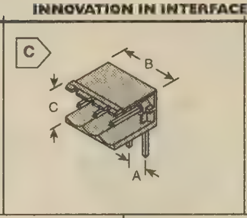

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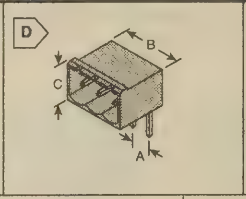

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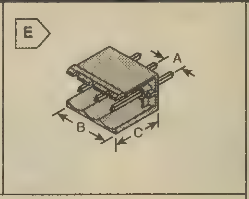

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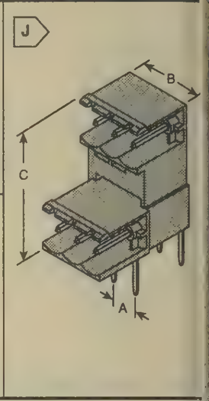

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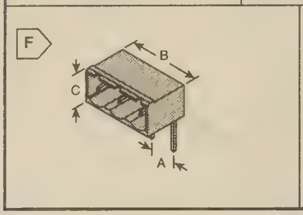

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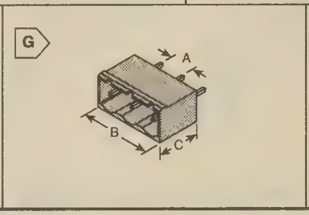

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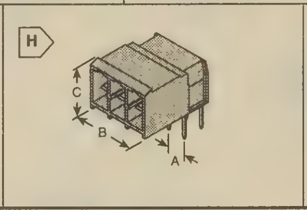

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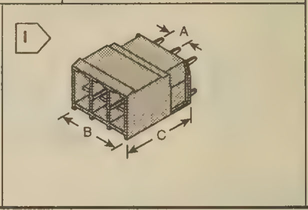


TWO PIECE DESIGN - HEADERS

NEW!

Single Level, Through-Hole Solder Mounting

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
5mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1755516	A	MSTBVA 2.5/2-G	2	5	12	12	.49	.45	.36
651-1755529	A	MSTBVA 2.5/3-G	3	5	17	12	.73	.68	.54
651-1755532	A	MSTBVA 2.5/4-G	4	5	22	12	.97	.90	.72
651-1755545	A	MSTBVA 2.5/5-G	5	5	27	12	1.22	1.13	.90
651-1755558	A	MSTBVA 2.5/6-G	6	5	32	12	1.45	1.34	1.07
651-1755561	A	MSTBVA 2.5/7-G	7	5	37	12	1.69	1.56	1.25
651-1755574	A	MSTBVA 2.5/8-G	8	5	42	12	1.93	1.79	1.43
651-1755587	A	MSTBVA 2.5/9-G	9	5	47	12	2.17	2.01	1.61
651-1755503	A	MSTBVA 2.5/10-G	10	5	52	12	2.42	2.24	1.79
651-1755590	A	MSTBVA 2.5/11-G	11	5	57	12	2.66	2.46	1.97
651-1755600	A	MSTBVA 2.5/12-G	12	5	62	12	2.90	2.69	2.15
5.08mm PCB Terminal Block Headers (w/o side panels) - 135° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1769463	B	SMSTB 2.5/2-G-5.08	2	5.08	10.16	14.8	.58	.54	.43
651-1769476	B	SMSTB 2.5/3-G-5.08	3	5.08	15.24	14.8	.85	.79	.63
651-1769489	B	SMSTB 2.5/4-G-5.08	4	5.08	20.32	14.8	1.13	1.05	.84
651-1769492	B	SMSTB 2.5/5-G-5.08	5	5.08	25.4	14.8	1.42	1.31	1.05
651-1769502	B	SMSTB 2.5/6-G-5.08	6	5.08	30.48	14.8	1.70	1.58	1.26
651-1769515	B	SMSTB 2.5/7-G-5.08	7	5.08	35.56	14.8	2.00	1.85	1.48
651-1769528	B	SMSTB 2.5/8-G-5.08	8	5.08	40.64	14.8	2.27	2.10	1.68
651-1769531	B	SMSTB 2.5/9-G-5.08	9	5.08	45.72	14.8	2.55	2.36	1.89
651-1769544	B	SMSTB 2.5/10-G-5.08	10	5.08	50.8	14.8	2.84	2.63	2.10
651-1769557	B	SMSTB 2.5/11-G-5.08	11	5.08	55.88	14.8	3.13	2.90	2.32
651-1769560	B	SMSTB 2.5/12-G-5.08	12	5.08	60.96	14.8	3.40	3.15	2.52
5.08mm PCB Terminal Block Headers (w/o side panels) - 90° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1759017	C	MSTB 2.5/2-G-5.08	2	5.08	10.16	8.6	.49	.45	.36
651-1759020	C	MSTB 2.5/3-G-5.08	3	5.08	15.24	8.6	.73	.68	.54
651-1759033	C	MSTB 2.5/4-G-5.08	4	5.08	20.32	8.6	.97	.90	.72
651-1759046	C	MSTB 2.5/5-G-5.08	5	5.08	25.4	8.6	1.22	1.13	.90
651-1759059	C	MSTB 2.5/6-G-5.08	6	5.08	30.48	8.6	1.45	1.34	1.07
651-1759062	C	MSTB 2.5/7-G-5.08	7	5.08	35.56	8.6	1.69	1.56	1.25
651-1759075	C	MSTB 2.5/8-G-5.08	8	5.08	40.64	8.6	1.93	1.79	1.43
651-1759088	C	MSTB 2.5/9-G-5.08	9	5.08	45.72	8.6	2.17	2.01	1.61
651-1759091	C	MSTB 2.5/10-G-5.08	10	5.08	50.8	8.6	2.42	2.24	1.79
651-1759101	C	MSTB 2.5/11-G-5.08	11	5.08	55.88	8.6	2.66	2.46	1.97
651-1759114	C	MSTB 2.5/12-G-5.08	12	5.08	60.96	8.6	2.90	2.69	2.15
5.08mm PCB Terminal Block Headers - 90° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1757242	D	MSTBA 2.5/2-G-5.08	2	5.08	12.16	8.6	.49	.45	.36
651-1757255	D	MSTBA 2.5/3-G-5.08	3	5.08	17.24	8.6	.73	.68	.54
651-1757268	D	MSTBA 2.5/4-G-5.08	4	5.08	22.32	8.6	.97	.90	.72
651-1757271	D	MSTBA 2.5/5-G-5.08	5	5.08	27.4	8.6	1.22	1.13	.90
651-1757284	D	MSTBA 2.5/6-G-5.08	6	5.08	32.48	8.6	1.45	1.34	1.07
651-1757297	D	MSTBA 2.5/7-G-5.08	7	5.08	37.56	8.6	1.69	1.56	1.25
651-1757307	D	MSTBA 2.5/8-G-5.08	8	5.08	42.64	8.6	1.93	1.79	1.43
651-1757310	D	MSTBA 2.5/9-G-5.08	9	5.08	47.72	8.6	2.17	2.01	1.61
651-1757323	D	MSTBA 2.5/10-G-5.08	10	5.08	52.8	8.6	2.42	2.24	1.79
651-1757336	D	MSTBA 2.5/11-G-5.08	11	5.08	57.88	8.6	2.66	2.46	1.97
651-1757349	D	MSTBA 2.5/12-G-5.08	12	5.08	62.96	8.6	2.90	2.69	2.15
5.08mm PCB Terminal Block Headers (w/o side panels) - 180° Socket-to-Pin Orientation UL: 150V @ 15A and 300V @ 10A, Green Color									
651-1758018	E	MSTBV 2.5/2-G-5.08	2	5.08	10.16	12	.49	.45	.36
651-1758021	E	MSTBV 2.5/3-G-5.08	3	5.08	15.24	12	.73	.68	.54
651-1758034	E	MSTBV 2.5/4-G-5.08	4	5.08	20.32	12	.97	.90	.72
651-1758047	E	MSTBV 2.5/5-G-5.08	5	5.08	25.4	12	1.22	1.13	.90
651-1758050	E	MSTBV 2.5/6-G-5.08	6	5.08	30.48	12	1.45	1.34	1.07
651-1758063	E	MSTBV 2.5/7-G-5.08	7	5.08	35.56	12	1.69	1.56	1.25
651-1758076	E	MSTBV 2.5/8-G-5.08	8	5.08	40.64	12	1.93	1.79	1.43
651-1758089	E	MSTBV 2.5/9-G-5.08	9	5.08	45.72	12	2.17	2.01	1.61
651-1758092	E	MSTBV 2.5/10-G-5.08	10	5.08	50.8	12	2.42	2.24	1.79
651-1758102	E	MSTBV 2.5/11-G-5.08	11	5.08	55.88	12	2.66	2.46	1.97
651-1758115	E	MSTBV 2.5/12-G-5.08	12	5.08	60.96	12	2.90	2.69	2.15

Single Level, Through-Hole Solder Mounting

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	5
5.08mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation (cont.) **UL: 150V @ 15A and 300V @ 10A, Green Color**									
651-1755736	A	MSTBVA 2.5/2-G-5.08	2	5.08	12.16	12	.49	.45	.3
651-1755749	A	MSTBVA 2.5/3-G-5.08	3	5.08	17.24	12	.73	.68	.5
651-1755752	A	MSTBVA 2.5/4-G-5.08	4	5.08	22.32	12	.97	.90	.7
651-1755765	A	MSTBVA 2.5/5-G-5.08	5	5.08	27.4	12	1.22	1.13	.9
651-1755778	A	MSTBVA 2.5/6-G-5.08	6	5.08	32.48	12	1.45	1.34	1.0
651-1755781	A	MSTBVA 2.5/7-G-5.08	7	5.08	37.56	12	1.69	1.56	1.2
651-1755794	A	MSTBVA 2.5/8-G-5.08	8	5.08	42.64	12	1.93	1.79	1.4
651-1755804	A	MSTBVA 2.5/9-G-5.08	9	5.08	47.72	12	2.17	2.01	1.6
651-1755817	A	MSTBVA 2.5/10-G-5.08	10	5.08	52.8	12	2.42	2.24	1.7
651-1755820	A	MSTBVA 2.5/11-G-5.08	11	5.08	57.88	12	2.66	2.46	1.9
651-1755833	A	MSTBVA 2.5/12-G-5.08	12	5.08	62.96	12	2.90	2.69	2.1
7.5mm PCB Terminal Block Headers - 90° Socket-to-Pin Orientation UL: 300V @ 10A, Green Color									
651-1766343	F	GMSTBA 2.5/2-G	2	7.5	15	8.6	.88	.81	.6
651-1766356	F	GMSTBA 2.5/3-G	3	7.5	22.5	8.6	1.32	1.23	.9
651-1766369	F	GMSTBA 2.5/4-G	4	7.5	30	8.6	1.76	1.63	1.3
651-1766372	F	GMSTBA 2.5/5-G	5	7.5	37.5	8.6	2.19	2.03	1.6
651-1766385	F	GMSTBA 2.5/6-G	6	7.5	45	8.6	2.63	2.44	1.9
651-1766398	F	GMSTBA 2.5/7-G	7	7.5	52.5	8.6	3.08	2.85	2.2
651-1766408	F	GMSTBA 2.5/8-G	8	7.5	60	8.6	3.51	3.25	2.6
651-1766411	F	GMSTBA 2.5/9-G	9	7.5	67.5	8.6	3.94	3.65	2.9
651-1766424	F	GMSTBA 2.5/10-G	10	7.5	75	8.6	4.39	4.06	3.2
651-1766437	F	GMSTBA 2.5/11-G	11	7.5	82.5	8.6	4.82	4.46	3.5
651-1766440	F	GMSTBA 2.5/12-G	12	7.5	90	8.6	5.27	4.88	3.9
7.5mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation UL: 300V @ 10A, Green Color									
651-1766660	G	GMSTBVA 2.5/2-G	2	7.5	15	12	.88	.81	.6
651-1766673	G	GMSTBVA 2.5/3-G	3	7.5	22.5	12	1.32	1.23	.9
651-1766686	G	GMSTBVA 2.5/4-G	4	7.5	30	12	1.76	1.63	1.3
651-1766699	G	GMSTBVA 2.5/5-G	5	7.5	37.5	12	2.19	2.03	1.6
651-1766709	G	GMSTBVA 2.5/6-G	6	7.5	45	12	2.63	2.44	1.9
651-1766712	G	GMSTBVA 2.5/7-G	7	7.5	52.5	12	3.08	2.85	2.2
651-1766725	G	GMSTBVA 2.5/8-G	8	7.5	60	12	3.51	3.25	2.6
651-1766738	G	GMSTBVA 2.5/9-G	9	7.5	67.5	12	3.94	3.65	2.9
651-1766741	G	GMSTBVA 2.5/10-G	10	7.5	75	12	4.39	4.06	3.2
651-1766754	G	GMSTBVA 2.5/11-G	11	7.5	82.5	12	4.82	4.46	3.5
651-1766767	G	GMSTBVA 2.5/12-G	12	7.5	90	12	5.27	4.88	3.9
7.62mm PCB Terminal Block Headers - 90° Socket-to-Pin Orientation UL: 300V @ 30A and 600V @ 5A, Green Color									
651-1804797	H	PC 4/2-G-7.62	2	7.62	15.22	14.3	2.55	2.36	1.8
651-1804807	H	PC 4/3-G-7.62	3	7.62	22.84	14.3	3.82	3.54	2.8
651-1804810	H	PC 4/4-G-7.62	4	7.62	30.46	14.3	5.08	4.70	3.7
7.62mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation UL: 300V @ 30A and 600V @ 5A, Green Color									
651-1804687	I	PCV 4/2-G-7.62	2	7.62	15.22	29	2.55	2.36	1.8
651-1804690	I	PCV 4/3-G-7.62	3	7.62	22.84	29	3.82	3.54	2.8
651-1804700	I	PCV 4/4-G-7.62	4	7.62	30.46	29	5.08	4.70	3.7

TWO PIECE DESIGN - HEADERS

NEW!

Multi-Level, Through-Hole Solder Mounting

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
5mm Double Level PCB Term. Block Headers (w/o side panels) - 90° Socket-to-Pin Orient. UL: 150V @ 15A and 300V @ 10A Green Color									
651-1762046	J	MDSTB 2.5/2-G	2	5	10	23.5	1.77	1.64	1.3
651-1762059	J	MDSTB 2.5/3-G	3	5	15	23.5	2.65	2.45	1.9
5.08mm Double Level PCB Term. Block Headers (w/o side panels) - 90° Socket-to-Pin Orient. UL: 150V @ 15A and 300V @ 10A Green Color									
651-1762062	J	MDSTB 2.5/2-G-5.08	2	5.08	10.16	23.5	1.77	1.64	1.3
651-1762075	J	MDSTB 2.5/3-G-5.08	3	5.08	15.24	23.5	2.65	2.45	1.9

WO PIECE DESIGN - PLUGS w/ SPRING CLAMP ERMINATION

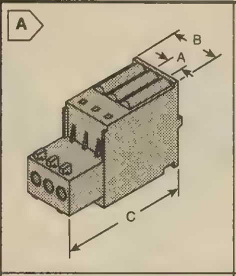
NEW!

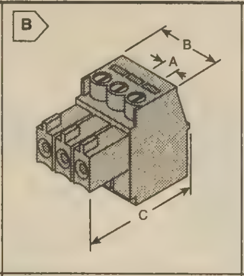
MOUSER TOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
5mm Spring Clamp PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation L: 125V @ 4A 28-20AWG, Green Color									
51-1881325	A	FK-MC 0.5/2-ST-2.5	2	2.5	5.6	19.2	2.59	2.40	1.92
51-1881338	A	FK-MC 0.5/3-ST-2.5	3	2.5	8.1	19.2	3.51	3.25	2.60
51-1881341	A	FK-MC 0.5/4-ST-2.5	4	2.5	10.6	19.2	4.41	4.09	3.27
51-1881354	A	FK-MC 0.5/5-ST-2.5	5	2.5	13.1	19.2	5.32	4.93	3.94
51-1881367	A	FK-MC 0.5/6-ST-2.5	6	2.5	15.6	19.2	6.22	5.76	4.61
51-1881370	A	FK-MC 0.5/7-ST-2.5	7	2.5	18.1	19.2	7.16	6.63	5.30
51-1881383	A	FK-MC 0.5/8-ST-2.5	8	2.5	20.6	19.2	8.07	7.48	5.98
51-1881396	A	FK-MC 0.5/9-ST-2.5	9	2.5	23.1	19.2	8.98	8.31	6.65
51-1881406	A	FK-MC 0.5/10-ST-2.5	10	2.5	25.6	19.2	9.90	9.16	7.33
51-1881419	A	FK-MC 0.5/11-ST-2.5	11	2.5	28.1	19.2	10.79	9.99	7.99
51-1881422	A	FK-MC 0.5/12-ST-2.5	12	2.5	30.6	19.2	11.70	10.84	8.67

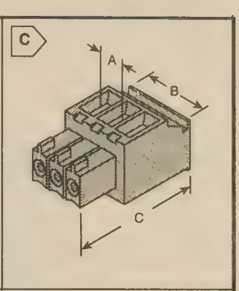
WO PIECE DESIGN - PLUGS w/ SCREW CLAMP ERMINATION

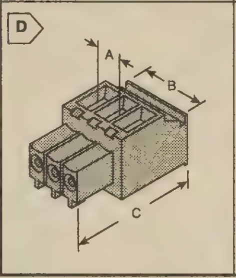
NEW!

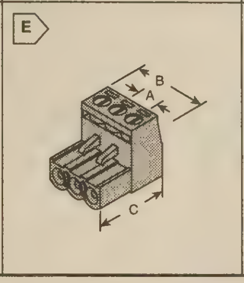
MOUSER TOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
5mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation L: 300V @ 8A 30-14 AWG, Green Color									
51-1840366	B	MC 1.5/2-ST-3.5	2	3.5	7	15.5	1.81	1.68	1.34
51-1840379	B	MC 1.5/3-ST-3.5	3	3.5	10.5	15.5	2.71	2.51	2.01
51-1840382	B	MC 1.5/4-ST-3.5	4	3.5	14	15.5	3.62	3.35	2.68
51-1840395	B	MC 1.5/5-ST-3.5	5	3.5	17.5	15.5	4.56	4.23	3.38
51-1840405	B	MC 1.5/6-ST-3.5	6	3.5	21	15.5	5.43	5.03	4.02
51-1840418	B	MC 1.5/7-ST-3.5	7	3.5	24.5	15.5	6.33	5.86	4.69
51-1840421	B	MC 1.5/8-ST-3.5	8	3.5	28	15.5	7.24	6.70	5.36
51-1840434	B	MC 1.5/9-ST-3.5	9	3.5	31.5	15.5	8.14	7.54	6.03
51-1840447	B	MC 1.5/10-ST-3.5	10	3.5	35	15.5	9.05	8.38	6.70
51-1840450	B	MC 1.5/11-ST-3.5	11	3.5	38.5	15.5	9.95	9.21	7.37
51-1840463	B	MC 1.5/12-ST-3.5	12	3.5	42	15.5	10.84	10.04	8.03
51-1840476	B	MC 1.5/13-ST-3.5	13	3.5	45.5	15.5	11.76	10.89	8.71
51-1840489	B	MC 1.5/14-ST-3.5	14	3.5	49	15.5	12.66	11.73	9.38
51-1840492	B	MC 1.5/15-ST-3.5	15	3.5	52.5	15.5	13.55	12.55	10.04
51-1840502	B	MC 1.5/16-ST-3.5	16	3.5	56	15.5	14.46	13.39	10.71
.5mm PCB Terminal Block Plugs - 90° Wire-to-Plug Orientation - Wire-Side Keyway L: 300V @ 8A 30-14 AWG, Green Color									
51-1863152	C	MCVR 1.5/2-ST-3.5	2	3.5	7.8	19.1	1.76	1.63	1.30
51-1863165	C	MCVR 1.5/3-ST-3.5	3	3.5	11.3	19.1	2.63	2.44	1.95
51-1863178	C	MCVR 1.5/4-ST-3.5	4	3.5	14.8	19.1	3.51	3.25	2.60
51-1863181	C	MCVR 1.5/5-ST-3.5	5	3.5	18.3	19.1	4.39	4.06	3.25
51-1863194	C	MCVR 1.5/6-ST-3.5	6	3.5	21.8	19.1	5.27	4.88	3.90
51-1863204	C	MCVR 1.5/7-ST-3.5	7	3.5	25.3	19.1	6.14	5.69	4.55
51-1863217	C	MCVR 1.5/8-ST-3.5	8	3.5	28.8	19.1	7.02	6.50	5.20
51-1863220	C	MCVR 1.5/9-ST-3.5	9	3.5	32.3	19.1	7.90	7.31	5.85
51-1863233	C	MCVR 1.5/10-ST-3.5	10	3.5	35.8	19.1	8.78	8.13	6.50
51-1863246	C	MCVR 1.5/11-ST-3.5	11	3.5	39.3	19.1	9.65	8.94	7.15
51-1863259	C	MCVR 1.5/12-ST-3.5	12	3.5	42.8	19.1	10.53	9.75	7.80
51-1863262	C	MCVR 1.5/13-ST-3.5	13	3.5	46.3	19.1	11.41	10.56	8.45
51-1863275	C	MCVR 1.5/14-ST-3.5	14	3.5	49.8	19.1	12.29	11.38	9.10
51-1863288	C	MCVR 1.5/15-ST-3.5	15	3.5	53.3	19.1	13.16	12.19	9.75
51-1863291	C	MCVR 1.5/16-ST-3.5	16	3.5	56.8	19.1	14.04	13.00	10.40
.5mm PCB Terminal Block Plugs - 270° Wire-to-Plug Orientation L: 300V @ 8A 30-14 AWG, Green Color									
51-1862852	D	MCVW 1.5/2-ST-3.5	2	3.5	7.8	19.1	1.76	1.63	1.30
51-1862865	D	MCVW 1.5/3-ST-3.5	3	3.5	11.3	19.1	2.63	2.44	1.95
51-1862878	D	MCVW 1.5/4-ST-3.5	4	3.5	14.8	19.1	3.51	3.25	2.60
51-1862881	D	MCVW 1.5/5-ST-3.5	5	3.5	18.3	19.1	4.39	4.06	3.25
51-1862894	D	MCVW 1.5/6-ST-3.5	6	3.5	21.8	19.1	5.27	4.88	3.90
51-1862904	D	MCVW 1.5/7-ST-3.5	7	3.5	25.3	19.1	6.14	5.69	4.55
51-1862917	D	MCVW 1.5/8-ST-3.5	8	3.5	28.8	19.1	7.02	6.50	5.20
51-1862920	D	MCVW 1.5/9-ST-3.5	9	3.5	32.3	19.1	7.90	7.31	5.85
51-1862933	D	MCVW 1.5/10-ST-3.5	10	3.5	35.8	19.1	8.78	8.13	6.50
51-1862946	D	MCVW 1.5/11-ST-3.5	11	3.5	39.3	19.1	9.65	8.94	7.15
51-1862959	D	MCVW 1.5/12-ST-3.5	12	3.5	42.8	19.1	10.53	9.75	7.80
51-1862962	D	MCVW 1.5/13-ST.3.5	13	3.5	46.3	19.1	11.41	10.56	8.45
51-1862975	D	MCVW 1.5/14-ST-3.5	14	3.5	49.8	19.1	12.29	11.38	9.10
51-1862988	D	MCVW 1.5/15-ST-3.5	15	3.5	53.3	19.1	13.16	12.19	9.75
51-1862991	D	MCVW 1.5/16-ST-3.5	16	3.5	56.8	19.1	14.04	13.00	10.40
.81mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation L: 300V @ 8A 30-14 AWG, Green Color									
51-1803578	B	MC 1.5/2-ST-3.81	2	3.81	8.41	15.5	1.63	1.51	1.21
51-1803581	B	MC 1.5/3-ST-3.81	3	3.81	12.22	15.5	2.44	2.26	1.81
51-1803594	B	MC 1.5/4-ST-3.81	4	3.81	16.03	15.5	3.26	3.02	2.41
51-1803604	B	MC 1.5/5-ST-3.81	5	3.81	19.84	15.5	4.11	3.80	3.04
51-1803617	B	MC 1.5/6-ST-3.81	6	3.81	23.65	15.5	4.88	4.52	3.62
51-1803620	B	MC 1.5/7-ST-3.81	7	3.81	27.46	15.5	5.70	5.28	4.22
51-1803633	B	MC 1.5/8-ST-3.81	8	3.81	31.27	15.5	6.51	6.03	4.82
51-1803646	B	MC 1.5/9-ST-3.81	9	3.81	35.08	15.5	7.33	6.78	5.43
51-1803659	B	MC 1.5/10-ST-3.81	10	3.81	38.89	15.5	8.14	7.54	6.03
51-1803662	B	MC 1.5/11-ST-3.81	11	3.81	42.07	15.5	8.95	8.29	6.63
51-1803675	B	MC 1.5/12-ST-3.81	12	3.81	46.51	15.5	9.76	9.03	7.23
51-1803688	B	MC 1.5/13-ST-3.81	13	3.81	50.32	15.5	10.58	9.80	7.84
51-1803691	B	MC 1.5/14-ST-3.81	14	3.81	54.13	15.5	11.40	10.55	8.44
51-1803701	B	MC 1.5/15-ST-3.81	15	3.81	57.94	15.5	12.20	11.30	9.04
51-1803714	B	MC 1.5/16-ST-3.81	16	3.81	61.75	15.5	13.01	12.05	9.64

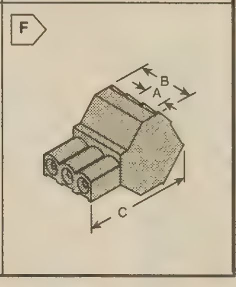












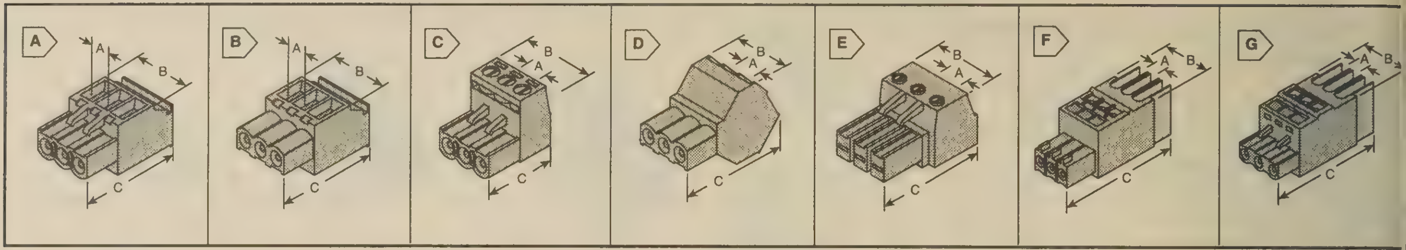
TWO PIECE DESIGN - PLUGS w/ SCREW CLAMP TERMINATION (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
3.81mm PCB Terminal Block Plugs - 90° Wire-to-Plug Orientation - Wire-Side Keyway UL: 300V @ 8A 30-14 AWG, Green Color									
651-1827127	C	MCVR 1.5/2-ST-3.81	2	3.81	8.41	19.1	1.76	1.63	1.30
651-1827130	C	MCVR 1.5/3-ST-3.81	3	3.81	12.22	19.1	2.63	2.44	1.95
651-1827143	C	MCVR 1.5/4-ST-3.81	4	3.81	16.03	19.1	3.51	3.25	2.60
651-1827156	C	MCVR 1.5/5-ST-3.81	5	3.81	19.84	19.1	4.39	4.06	3.25
651-1827169	C	MCVR 1.5/6-ST-3.81	6	3.81	23.65	19.1	5.27	4.88	3.90
651-1827172	C	MCVR 1.5/7-ST-3.81	7	3.81	27.46	19.1	6.14	5.69	4.55
651-1827185	C	MCVR 1.5/8-ST-3.81	8	3.81	31.27	19.1	7.02	6.50	5.20
651-1827198	C	MCVR 1.5/9-ST-3.81	9	3.81	35.08	19.1	7.90	7.31	5.85
651-1827208	C	MCVR 1.5/10-ST-3.81	10	3.81	38.89	19.1	8.78	8.13	6.50
651-1827211	C	MCVR 1.5/11-ST-3.81	11	3.81	42.07	19.1	9.65	8.94	7.15
651-1827224	C	MCVR 1.5/12-ST-3.81	12	3.81	46.51	19.1	10.53	9.75	7.80
651-1827237	C	MCVR 1.5/13-ST-3.81	13	3.81	50.32	19.1	11.41	10.56	8.45
651-1827240	C	MCVR 1.5/14-ST-3.81	14	3.81	54.13	19.1	12.29	11.38	9.10
651-1827253	C	MCVR 1.5/15-ST-3.81	15	3.81	57.94	19.1	13.16	12.19	9.75
651-1827266	C	MCVR 1.5/16-ST-3.81	16	3.81	61.75	19.1	14.04	13.00	10.40
3.81mm PCB Terminal Block Plugs - 270° Wire-to-Plug Orientation UL: 300V @ 8A 30-14 AWG, Green Color									
651-1826979	D	MCVW 1.5/2-ST-3.81	2	3.81	8.41	19.1	1.76	1.63	1.30
651-1826982	D	MCVW 1.5/3-ST-3.81	3	3.81	12.22	19.1	2.63	2.44	1.95
651-1826995	D	MCVW 1.5/4-ST-3.81	4	3.81	16.03	19.1	3.51	3.25	2.60
651-1827004	D	MCVW 1.5/5-ST-3.81	5	3.81	19.84	19.1	4.39	4.06	3.25
651-1827017	D	MCVW 1.5/6-ST-3.81	6	3.81	23.65	19.1	5.27	4.88	3.90
651-1827020	D	MCVW 1.5/7-ST-3.81	7	3.81	27.46	19.1	6.14	5.69	4.55
651-1827033	D	MCVW 1.5/8-ST-3.81	8	3.81	31.27	19.1	7.02	6.50	5.20
651-1827046	D	MCVW 1.5/9-ST-3.81	9	3.81	35.08	19.1	7.90	7.31	5.85
651-1827059	D	MCVW 1.5/10-ST-3.81	10	3.81	38.89	19.1	8.78	8.13	6.50
651-1827062	D	MCVW 1.5/11-ST-3.81	11	3.81	42.07	19.1	9.65	8.94	7.15
651-1827075	D	MCVW 1.5/12-ST-3.81	12	3.81	46.51	19.1	10.53	9.75	7.80
651-1827088	D	MCVW 1.5/13-ST.3.81	13	3.81	50.32	19.1	11.41	10.56	8.45
651-1827091	D	MCVW 1.5/14-ST-3.81	14	3.81	54.13	19.1	12.29	11.38	9.10
651-1827101	D	MCVW 1.5/15-ST-3.81	15	3.81	57.94	19.1	13.16	12.19	9.75
651-1827114	D	MCVW 1.5/16-ST-3.81	16	3.81	61.75	19.1	14.04	13.00	10.40
5mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1754449	E	MSTB 2.5/2-ST	2	5	10	18.2	1.40	1.29	1.04
651-1754465	E	MSTB 2.5/3-ST	3	5	15	18.2	2.09	1.94	1.55
651-1754481	E	MSTB 2.5/4-ST	4	5	20	18.2	2.78	2.58	2.06
651-1754504	E	MSTB 2.5/5-ST	5	5	25	18.2	3.47	3.22	2.57
651-1754520	E	MSTB 2.5/6-ST	6	5	30	18.2	4.17	3.86	3.09
651-1754546	E	MSTB 2.5/7-ST	7	5	35	18.2	4.86	4.50	3.60
651-1754562	E	MSTB 2.5/8-ST	8	5	40	18.2	5.55	5.14	4.11
651-1754588	E	MSTB 2.5/9-ST	9	5	45	18.2	6.26	5.79	4.64
651-1754601	E	MSTB 2.5/10-ST	10	5	50	18.2	6.95	6.44	5.15
651-1754627	E	MSTB 2.5/11-ST	11	5	55	18.2	7.64	7.08	5.66
651-1754643	E	MSTB 2.5/12-ST	12	5	60	18.2	8.33	7.72	6.17
5mm PCB Terminal Block Plugs - 135° Wire-to-Plug Orientation UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1768765	F	SMSTB 2.5/2-ST	2	5	10	25.5	1.90	1.76	1.41
651-1768778	F	SMSTB 2.5/3-ST	3	5	15	25.5	2.85	2.64	2.11
651-1768781	F	SMSTB 2.5/4-ST	4	5	20	25.5	3.81	3.53	2.82
651-1768794	F	SMSTB 2.5/5-ST	5	5	25	25.5	4.75	4.40	3.52
651-1768804	F	SMSTB 2.5/6-ST	6	5	30	25.5	5.71	5.29	4.23
651-1768817	F	SMSTB 2.5/7-ST	7	5	35	25.5	6.67	6.18	4.94
651-1768448	F	SMSTB 2.5/8-ST	8	5	40	25.5	7.61	7.05	5.64
651-1768820	F	SMSTB 2.5/9-ST	9	5	45	25.5	8.57	7.94	6.35
651-1768833	F	SMSTB 2.5/10-ST	10	5	50	25.5	9.52	8.81	7.05
651-1768846	F	SMSTB 2.5/11-ST	11	5	55	25.5	10.48	9.70	7.76
651-1768859	F	SMSTB 2.5/12-ST	12	5	60	25.5	11.42	10.58	8.46

PHOENIX CONTACT
INNOVATION IN INTERFACE

Two Piece Design Plugs



TWO PIECE DESIGN - PLUGS w/ SCREW CLAMP TERMINATION

NEW!

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
5mm PCB Terminal Block Plugs - 90° Wire-to-Plug Orientation - Wire-Side Keyway UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1792016	A	MVSTBR 2.5/2-ST	2	5	10	26	1.60	1.49	1.19
651-1792029	A	MVSTBR 2.5/3-ST	3	5	15	26	2.39	2.22	1.77
651-1792032	A	MVSTBR 2.5/4-ST	4	5	20	26	3.20	2.96	2.37
651-1792045	A	MVSTBR 2.5/5-ST	5	5	25	26	4.00	3.70	2.96
651-1792058	A	MVSTBR 2.5/6-ST	6	5	30	26	4.80	4.44	3.56
651-1792061	A	MVSTBR 2.5/7-ST	7	5	35	26	5.60	5.19	4.15
651-1792074	A	MVSTBR 2.5/8-ST	8	5	40	26	6.40	5.93	4.74
651-1792087	A	MVSTBR 2.5/9-ST	9	5	45	26	7.20	6.67	5.34
651-1792090	A	MVSTBR 2.5/10-ST	10	5	50	26	7.99	7.40	5.92
651-1792100	A	MVSTBR 2.5/11-ST	11	5	55	26	8.80	8.15	6.52
651-1792113	A	MVSTBR 2.5/12-ST	12	5	60	26	9.60	8.89	7.11
5mm PCB Terminal Block Plugs - 270° Wire-to-Plug Orientation UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1792524	B	MVSTBW 2.5/2-ST	2	5	10	26	1.60	1.49	1.19
651-1792537	B	MVSTBW 2.5/3-ST	3	5	15	26	2.39	2.22	1.77
651-1792540	B	MVSTBW 2.5/4-ST	4	5	20	26	3.20	2.96	2.37
651-1792553	B	MVSTBW 2.5/5-ST	5	5	25	26	4.00	3.70	2.96
651-1792566	B	MVSTBW 2.5/6-ST	6	5	30	26	4.80	4.44	3.56
651-1792579	B	MVSTBW 2.5/7-ST	7	5	35	26	5.60	5.19	4.15
651-1792582	B	MVSTBW 2.5/8-ST	8	5	40	26	6.40	5.93	4.74
651-1792595	B	MVSTBW 2.5/9-ST	9	5	45	26	7.20	6.67	5.34
651-1792605	B	MVSTBW 2.5/10-ST	10	5	50	26	7.99	7.40	5.92
651-1792618	B	MVSTBW 2.5/11-ST	11	5	55	26	8.80	8.15	6.52
651-1792621	B	MVSTBW 2.5/12-ST	12	5	60	26	9.60	8.89	7.11
5.08mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1757019	C	MSTB 2.5/2-ST-5.08	2	5.08	10.16	18.2	1.40	1.29	1.04
651-1757022	C	MSTB 2.5/3-ST-5.08	3	5.08	15.24	18.2	2.09	1.94	1.55
651-1757035	C	MSTB 2.5/4-ST-5.08	4	5.08	20.32	18.2	2.78	2.58	2.06
651-1757048	C	MSTB 2.5/5-ST-5.08	5	5.08	25.4	18.2	3.47	3.22	2.57
651-1757051	C	MSTB 2.5/6-ST-5.08	6	5.08	30.48	18.2	4.17	3.86	3.09
651-1757064	C	MSTB 2.5/7-ST-5.08	7	5.08	35.56	18.2	4.86	4.50	3.60
651-1757077	C	MSTB 2.5/8-ST-5.08	8	5.08	40.64	18.2	5.55	5.14	4.11
651-1757080	C	MSTB 2.5/9-ST-5.08	9	5.08	45.72	18.2	6.26	5.79	4.64
651-1757093	C	MSTB 2.5/10-ST-5.08	10	5.08	50.8	18.2	6.95	6.44	5.15
651-1757103	C	MSTB 2.5/11-ST-5.08	11	5.08	55.88	18.2	7.64	7.08	5.66
651-1757116	C	MSTB 2.5/12-ST-5.08	12	5.08	60.96	18.2	8.33	7.72	6.17
5.08mm PCB Terminal Block Plugs - 135° Wire-to-Plug Orientation UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1826283	D	SMSTB 2.5/2-ST-5.08	2	5.08	10.16	25.5	1.90	1.76	1.41
651-1826296	D	SMSTB 2.5/3-ST-5.08	3	5.08	15.24	25.5	2.85	2.64	2.11
651-1826306	D	SMSTB 2.5/4-ST-5.08	4	5.08	20.32	25.5	3.81	3.53	2.82
651-1826319	D	SMSTB 2.5/5-ST-5.08	5	5.08	25.4	25.5	4.75	4.40	3.52
651-1826322	D	SMSTB 2.5/6-ST-5.08	6	5.08	30.48	25.5	5.71	5.29	4.23
651-1826335	D	SMSTB 2.5/7-ST-5.08	7	5.08	35.56	25.5	6.67	6.18	4.94
651-1826348	D	SMSTB 2.5/8-ST-5.08	8	5.08	40.64	25.5	7.61	7.05	5.64
651-1826351	D	SMSTB 2.5/9-ST-5.08	9	5.08	45.72	25.5	8.57	7.94	6.35
651-1826364	D	SMSTB 2.5/10-ST-5.08	10	5.08	50.8	25.5	9.52	8.81	7.05
651-1826377	D	SMSTB 2.5/11-ST-5.08	11	5.08	55.88	25.5	10.48	9.70	7.76
651-1826380	D	SMSTB 2.5/12-ST-5.08	12	5.08	60.96	25.5	11.42	10.58	8.46
5.08mm PCB Terminal Block Plugs - 90° Wire-to-Plug Orientation - Wire-Side Keyway UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1792249	A	MVSTBR 2.5/2-ST-5.08	2	5.08	10.16	26	1.60	1.49	1.19
651-1792252	A	MVSTBR 2.5/3-ST-5.08	3	5.08	15.24	26	2.39	2.22	1.77
651-1792265	A	MVSTBR 2.5/4-ST-5.08	4	5.08	20.32	26	3.20	2.96	2.37
651-1792278	A	MVSTBR 2.5/5-ST-5.08	5	5.08	25.4	26	4.00	3.70	2.96
651-1792281	A	MVSTBR 2.5/6-ST-5.08	6	5.08	30.48	26	4.80	4.44	3.56
651-1792294	A	MVSTBR 2.5/7-ST-5.08	7	5.08	35.56	26	5.60	5.19	4.15
651-1792304	A	MVSTBR 2.5/8-ST-5.08	8	5.08	40.64	26	6.40	5.93	4.74
651-1792317	A	MVSTBR 2.5/9-ST-5.08	9	5.08	45.72	26	7.20	6.67	5.34
651-1792320	A	MVSTBR 2.5/10-ST-5.08	10	5.08	50.8	26	7.99	7.40	5.92
651-1792333	A	MVSTBR 2.5/11-ST-5.08	11	5.08	55.88	26	8.80	8.15	6.52
651-1792346	A	MVSTBR 2.5/12-ST-5.08	12	5.08	60.96	26	9.60	8.89	7.11
5.08mm PCB Terminal Block Plugs - 270° Wire-to-Plug Orientation UL: 150V @ 15A and 300V @ 10A, 30-12 AWG, Green Color									
651-1792757	B	MVSTBW 2.5/2-ST-5.08	2	5.08	10.16	26	1.60	1.49	1.19
651-1792760	B	MVSTBW 2.5/3-ST-5.08	3	5.08	15.24	26	2.39	2.22	1.77
651-1792773	B	MVSTBW 2.5/4-ST-5.08	4	5.08	20.32	26	3.20	2.96	2.37
651-1792786	B	MVSTBW 2.5/5-ST-5.08	5	5.08	25.4	26	4.00	3.70	2.96
651-1792799	B	MVSTBW 2.5/6-ST-5.08	6	5.08	30.48	26	4.80	4.44	3.56
651-1792809	B	MVSTBW 2.5/7-ST-5.08	7	5.08	35.56	26	5.60	5.19	4.15
651-1792812	B	MVSTBW 2.5/8-ST-5.08	8	5.08	40.64	26	6.40	5.93	4.74
651-1792825	B	MVSTBW 2.5/9-ST-5.08	9	5.08	45.72	26	7.20	6.67	5.34
651-1792838	B	MVSTBW 2.5/10-ST-5.08	10	5.08	50.8	26	7.99	7.40	5.92
651-1792841	B	MVSTBW 2.5/11-ST-5.08	11	5.08	55.88	26	8.80	8.15	6.52
651-1792854	B	MVSTBW 2.5/12-ST-5.08	12	5.08	60.96	26	9.60	8.89	7.11

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	5
7.5mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation UL: 300V @ 10A, 30-12 AWG, Green Color									
651-1766880	C	GMSTB 2.5/2-ST	2	7.5	13	18.2	2.66	2.46	1.
651-1766893	C	GMSTB 2.5/3-ST	3	7.5	20.5	18.2	4.01	3.71	2.
651-1766903	C	GMSTB 2.5/4-ST	4	7.5	28	18.2	5.35	4.95	3.
651-1766916	C	GMSTB 2.5/5-ST	5	7.5	35.5	18.2	6.68	6.19	4.
651-1766929	C	GMSTB 2.5/6-ST	6	7.5	43	18.2	8.01	7.41	5.
651-1766932	C	GMSTB 2.5/7-ST	7	7.5	50.5	18.2	9.34	8.65	6.
651-1766945	C	GMSTB 2.5/8-ST	8	7.5	58	18.2	10.68	9.89	7.
651-1766958	C	GMSTB 2.5/9-ST	9	7.5	65.5	18.2	12.00	11.11	8.
651-1766961	C	GMSTB 2.5/10-ST	10	7.5	73	18.2	13.35	12.36	9.
651-1766974	C	GMSTB 2.5/11-ST	11	7.5	80.5	18.2	14.69	13.60	10.
651-1766987	C	GMSTB 2.5/12-ST	12	7.5	88	18.2	16.02	14.84	11.
7.5mm PCB Terminal Block Plugs - 90° Wire-to-Plug Orientation - Wire-Side Keyway UL: 300V @ 10A, 30-12 AWG, Green Color									
651-1737709	A	GMVSTBR 2.5/2-ST	2	7.5	13	26	2.66	2.46	1.
651-1737712	A	GMVSTBR 2.5/3-ST	3	7.5	20.5	26	4.01	3.71	2.
651-1737725	A	GMVSTBR 2.5/4-ST	4	7.5	28	26	5.35	4.95	3.
651-1737738	A	GMVSTBR 2.5/5-ST	5	7.5	35.5	26	6.68	6.19	4.
651-1737741	A	GMVSTBR 2.5/6-ST	6	7.5	43	26	8.01	7.41	5.
651-1737754	A	GMVSTBR 2.5/7-ST	7	7.5	50.5	26	9.34	8.65	6.
651-1737767	A	GMVSTBR 2.5/8-ST	8	7.5	58	26	10.68	9.89	7.
651-1737770	A	GMVSTBR 2.5/9-ST	9	7.5	65.5	26	12.00	11.11	8.
651-1737783	A	GMVSTBR 2.5/10-ST	10	7.5	73	26	13.35	12.36	9.
651-1737796	A	GMVSTBR 2.5/11-ST	11	7.5	80.5	26	14.69	13.60	10.
651-1737806	A	GMVSTBR 2.5/12-ST	12	7.5	88	26	16.02	14.84	11.
7.5mm PCB Terminal Block Plugs - 270° Wire-to-Plug Orientation UL: 300V @ 10A, 30-12 AWG, Green Color									
651-1737819	B	GMVSTBW 2.5/2-ST	2	7.5	13	26	2.66	2.46	1.
651-1737822	B	GMVSTBW 2.5/3-ST	3	7.5	20.5	26	4.01	3.71	2.
651-1737835	B	GMVSTBW 2.5/4-ST	4	7.5	28	26	5.35	4.95	3.
651-1737848	B	GMVSTBW 2.5/5-ST	5	7.5	35.5	26	6.68	6.19	4.
651-1737851	B	GMVSTBW 2.5/6-ST	6	7.5	43	26	8.01	7.41	5.
651-1737864	B	GMVSTBW 2.5/7-ST	7	7.5	50.5	26	9.34	8.65	6.
651-1737877	B	GMVSTBW 2.5/8-ST	8	7.5	58	26	10.68	9.89	7.
651-1737880	B	GMVSTBW 2.5/9-ST	9	7.5	65.5	26	12.00	11.11	8.
651-1737893	B	GMVSTBW 2.5/10-ST	10	7.5	73	26	13.35	12.36	9.
651-1737903	B	GMVSTBW 2.5/11-ST	11	7.5	80.5	26	14.69	13.60	10.
651-1737916	B	GMVSTBW 2.5/12-ST	12	7.5	88	26	16.02	14.84	11.
7.62mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation UL: 600V @ 30A, 30-10 AWG, Green Color									
651-1848892	E	PC 4 HV/2-ST-7.62	2	7.62	15.22	35.5	3.96	3.66	2.
651-1848902	E	PC 4 HV/3-ST-7.62	3	7.62	22.84	35.5	5.93	5.49	4.3
651-1848915	E	PC 4 HV/4-ST-7.62	4	7.62	30.46	35.5	7.90	7.31	5.8

TWO PIECE DESIGN - PLUGS w/ INSULATION DISPLACMENT TERMINATION

NEW!

MOUSER STOCK NO.	Fig.	Phoenix Type	Pos.	Dimensions (mm.)			Price Each		
				A	B	C	1	10	50
3.81mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation IEC: 160V @ 8A, 22-20 AWG, Green Color (UL: Pending)									
651-1897393	F	QC 0.5/2-ST-3.81	2	3.81	8.41	22.3	2.50	2.31	1.85
651-1897403	F	QC 0.5/3-ST-3.81	3	3.81	12.22	22.3	3.74	3.46	2.77
651-1897416	F	QC 0.5/4-ST-3.81	4	3.81	16.03	22.3	4.98	4.61	3.69
651-1897429	F	QC 0.5/5-ST-3.81	5	3.81	19.84	22.3	6.30	5.84	4.67
651-1897432	F	QC 0.5/6-ST-3.81	6	3.81	23.65	22.3	7.49	6.94	5.55
651-1897445	F	QC 0.5/7-ST-3.81	7	3.81	27.46	22.3	8.73	8.09	6.47
651-1897458	F	QC 0.5/8-ST-3.81	8	3.81	31.27	22.3	9.99	9.25	7.40
651-1897461	F	QC 0.5/9-ST-3.81	9	3.81	35.08	22.3	11.23	10.40	8.32
651-1897474	F	QC 0.5/10-ST-3.81	10	3.81	38.89	22.3	12.49	11.56	9.25
651-1897487	F	QC 0.5/11-ST-3.81	11	3.81	42.7	22.3	13.74	12.73	10.18
651-1897490	F	QC 0.5/12-ST-3.81	12	3.81	46.51	22.3	14.97	13.86	11.09
5.08mm PCB Terminal Block Plugs - 180° Wire-to-Plug Orientation UL: 300V @ 10A, 22-18 AWG, Green Color									
651-1883255	G	QC 1/2-ST-5.08	2	5.08	10.16	28.2	2.34	2.16	1.73
651-1883268	G	QC 1/3-ST-5.08	3	5.08	15.24	28.2	3.51	3.25	2.60
651-1883271	G	QC 1/4-ST-5.08	4	5.08	20.32	28.2	4.67	4.33	3.46
651-1883284	G	QC 1/5-ST-5.08	5	5.08	25.4	28.2	5.85	5.41	4.33
651-1883297	G	QC 1/6-ST-5.08	6	5.08	30.48	28.2	7.01	6.49	5.19
651-1883307	G	QC 1/7-ST-5.08	7	5.08	35.56	28.2	8.18	7.58	6.06
651-1883310	G	QC 1/8-ST-5.08	8	5.08	40.64	28.2	9.34	8.65	6.92
651-1883323	G	QC 1/9-ST-5.08	9	5.08	45.72	28.2	10.52	9.74	7.79
651-1883336	G	QC 1/10-ST-5.08	10	5.08	50.8	28.2	11.68	10.81	8.65
651-1883349	G	QC 1/11-ST-5.08	11	5.08	55.88	28.2	12.85	11.90	9.52
651-1883705	G	QC 1/12-ST-5.08	12	5.08	60.96	28.2	14.01	12.98	10.38

ONES PLUGS / SOCKETS SERIES 300

eatures:

- Solder lug terminals with .093" x .062" wiring holes
- Two-contact "Jones" connector is round, all others are rectangular
- For use in cable-to-panel and cable-to-cable applications
- Designed for light and medium duty
- Polarized to prevent wrong-way insertion

pecifications:

- nsulation material: molded monoblock, general purpose phenolic, black UL94V-1
- Contact material: plug - brass, socket - phosphor bronze
- Contact plating: cadmium
- Operating temperature: up to +105°C
- Hood material: UL 94V-0
- Withstanding voltage: 730VACRMS
- Current rating: 10A
- Contact resistance: 16mΩ max.

Two-contact "Jones" round connector, Dimension "A" is the diameter.

ith Hood and 180° Cable Clamp, and Plug

For quantities greater than listed, call for quote.

MOUSER TOCK NO.	Fig.	No. of Cont.	Cinch Type	Dimensions (In.)					Price Each			
				A	B	C	D	E	1	25	50	100
lug												
38-13021	A	2	P-302-CCT	ø.691	- - -	.953	.375	.359	2.19	1.54	1.38	1.21
38-13031	A	3	P-303-CCT	1.034	.472	.953	.313	.359	2.40	1.69	1.52	1.32
38-13041	A	4	P-304-CCT	.786	.724	.953	.375	.469	2.70	1.90	1.71	1.49
38-13061	A	6	P-306-CCT	1.036	.724	1.078	.438	.484	2.92	2.06	1.85	1.61
38-13101	A	10	P-310-CCT	1.592	.720	1.203	.500	.500	3.47	2.44	2.20	1.91

ith Hood and 180° Cable Clamp, and Socket

For quantities greater than listed, call for quote.

MOUSER TOCK NO.	Fig.	No. of Cont.	Cinch Type	Dimensions (In.)					Price Each			
				A	B	C	D	E	1	25	50	100
ocket												
38-23021	B	2	S-302-CCT	ø.691	- - -	.953	.375	.359	2.22	1.64	1.47	1.28
38-23031	B	3	S-303-CCT	1.034	.472	.953	.313	.359	2.59	1.91	1.71	1.49
38-23041	B	4	S-304-CCT	.786	.724	.953	.375	.469	2.79	2.06	1.74	1.51
38-23061	B	6	S-306-CCT	1.036	.724	1.078	.438	.484	2.98	2.20	1.98	1.72

ith Hood, 180° Cable Clamp, and Lock (plug)

For quantities greater than listed, call for quote.

MOUSER TOCK NO.	Fig.	No. of Cont.	Cinch Type	Dimensions (In.)					Price Each			
				A	B	C	D	E	1	25	50	100
lug with Lock												
38-13022	C	2	P-302-CCT-L	ø.691	- - -	.953	.375	.359	3.62	2.80	2.52	2.20
38-13032	C	3	P-303-CCT-L	1.034	.472	.953	.313	.359	4.08	3.17	2.84	2.48
38-13042	C	4	P-304-CCT-L	.786	.724	.953	.375	.469	3.98	3.09	2.77	2.42
38-13062	C	6	P-306-CCT-L	1.036	.724	1.078	.438	.484	4.21	3.27	2.94	2.56
38-13122	C	12	P-312-CCT-L	1.286	.974	1.203	.563	.469	5.22	4.05	3.64	3.17

ith Hood, 180° Cable Clamp, and Keeper (socket)

For quantities greater than listed, call for quote.

MOUSER TOCK NO.	Fig.	No. of Cont.	Cinch Type	Dimensions (In.)					Price Each			
				A	B	C	D	E	1	25	50	100
ocket with Keeper												
38-23022	D	2	S-302-CCT-K	ø.691	- - -	.953	.375	.359	3.69	2.86	2.66	2.24
38-23032	D	3	S-303-CCT-K	1.034	.472	.953	.313	.359	4.40	3.41	3.17	2.67
38-23042	D	4	S-304-CCT-K	.786	.724	.953	.375	.469	4.26	3.30	3.07	2.59
38-23062	D	6	S-306-CCT-K	1.036	.724	1.078	.438	.484	4.67	3.62	3.36	2.83
38-23122	D	12	S-312-CCT-K	1.286	.974	1.203	.563	.469	6.23	4.83	4.48	3.78

ith Angle Bracket, and Plug

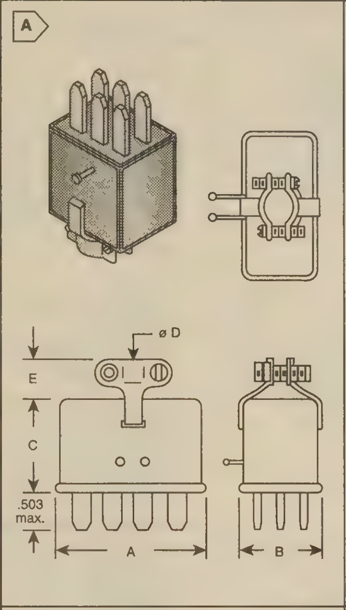
For quantities greater than listed, call for quote.

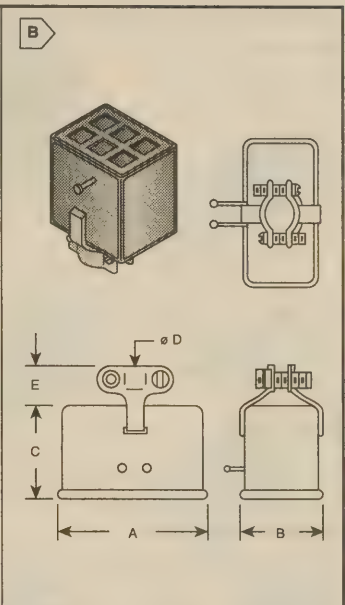
MOUSER TOCK NO.	Fig.	No. of Cont.	Cinch Type	Dimensions (In.)					Price Each			
				A	B	C	D	E	1	25	50	100
lug												
38-13023	E	2	P-302-AB	ø.656	- - -	.969	1.219	.313	1.19	.86	.75	.66
38-13033	E	3	P-303-AB	1.000	.438	.750	1.062	.313	1.28	.93	.81	.71
38-13043	E	4	P-304-AB	.750	.688	1.000	1.312	.313	1.37	1.00	.87	.76
38-13063	E	6	P-306-AB	1.000	.688	1.000	1.312	.313	1.78	1.29	1.13	.98
38-13083	E	8	P-308-AB	1.250	.688	1.000	1.312	.313	2.06	1.50	1.30	1.14
38-13103	E	10	P-310-AB	1.562	.688	1.000	1.312	.313	2.19	1.59	1.38	1.21
38-13123	E	12	P-312-AB	1.250	.938	1.250	1.562	.313	2.37	1.73	1.50	1.31

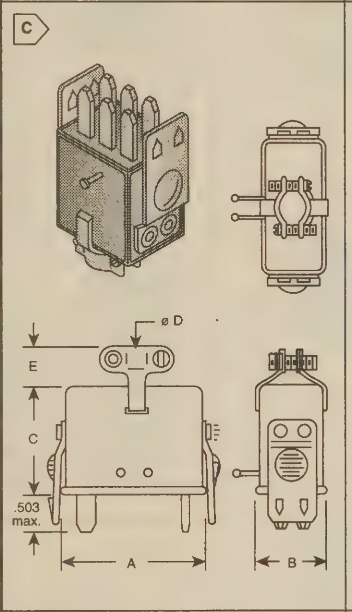
ith Angle Bracket, and Socket

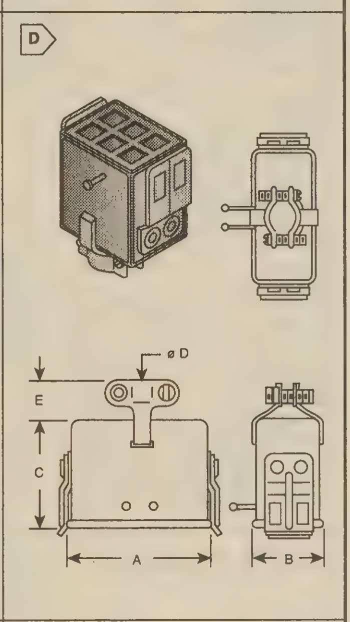
For quantities greater than listed, call for quote.

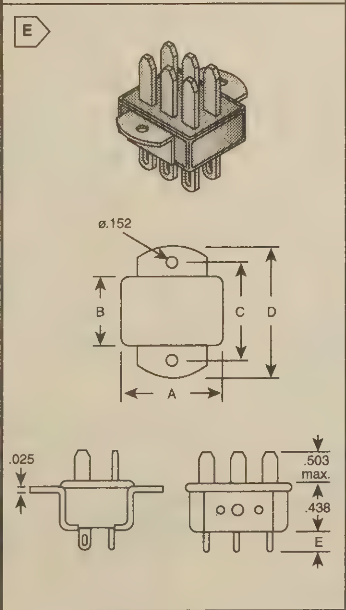
MOUSER TOCK NO.	Fig.	No. of Cont.	Cinch Type	Dimensions (In.)					Price Each			
				A	B	C	D	E	1	25	50	100
ocket												
38-23023	F	2	S-302-AB	ø.656	- - -	.969	1.219	.297	1.23	.89	.78	.68
38-23033	F	3	S-303-AB	1.000	.438	.750	1.062	.297	1.51	1.10	.96	.83
38-23043	F	4	S-304-AB	.750	.688	1.000	1.312	.297	1.58	1.15	1.00	.87
38-23063	F	6	S-306-AB	1.000	.688	1.000	1.312	.297	2.09	1.52	1.32	1.23

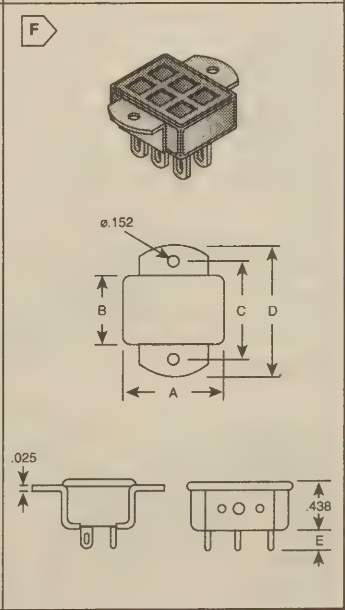












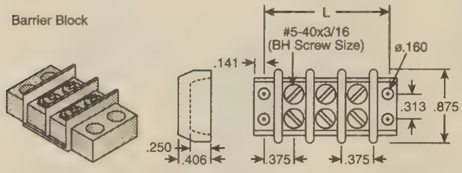
Cinch GC/Waldom Barrier Terminal Blocks and Accessories

BARRIER BLOCKS AND MARKER STRIPS

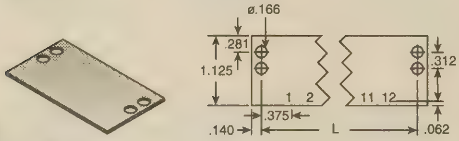
DIMENSIONS (I

Series 140

Barrier Block



Marker Strip



Specifications:

- Voltage rating: 250VACRMS
- Current rating: 15A max.
- Withstanding voltage without marker strip: 1100VACRMS max.
- Withstanding voltage with marker strip: 2000VACRMS max.
- Maximum watts per terminal: 3750

Mechanical Specifications:

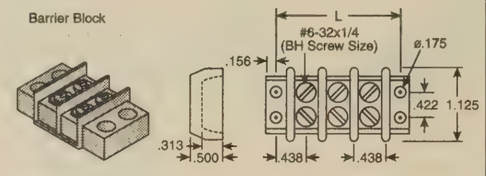
- Maximum wire size: #16AWG
- Recommended tightening torque: 9lb. -in.

For quantities greater than listed, call for quote.

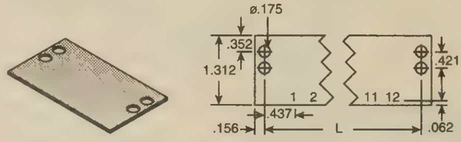
MOUSER STOCK NO.	No. of Term.	L Dim. (In.)	Price Each 1	25	50	100
Barrier Blocks						
538-2140	2	1.125	.80	.60	.52	.48
538-3140	3	1.500	1.03	.77	.67	.62
538-4140	4	1.875	1.11	.83	.72	.67
538-5140	5	2.250	1.28	.96	.83	.77
538-6140	6	2.625	1.60	1.20	1.04	.97
538-7140	7	3.000	1.72	1.29	1.12	1.05
538-8140	8	3.375	1.97	1.48	1.28	1.19
538-9140	9	3.750	2.26	1.70	1.47	1.37
538-10140	10	4.125	2.50	1.88	1.63	1.52
538-11140	11	4.500	2.84	2.13	1.85	1.72
538-12140	12	4.875	2.88	2.16	1.87	1.75
Marker Strips						
538-MS2140	2	1.125	.50	.35	.32	.28
538-MS3140	3	1.500	.52	.37	.34	.30
538-MS4140	4	1.875	.57	.40	.37	.32
538-MS5140	5	2.250	.57	.40	.37	.32
538-MS6140	6	2.625	.57	.40	.37	.32
538-MS7140	7	3.000	.62	.43	.40	.35
538-MS8140	8	3.375	.64	.45	.42	.36
538-MS9140	9	3.750	.69	.48	.45	.39
538-MS10140	10	4.125	.75	.52	.48	.42
538-MS11140	11	4.500	.75	.52	.48	.42
538-MS12140	12	4.875	.75	.52	.48	.42

Series 141

Barrier Block



Marker Strip



Specifications:

- Voltage rating: 250VACRMS
- Current rating: 20A max.
- Withstanding voltage without marker strip: 1100VACRMS max.
- Withstanding voltage with marker strip: 2400VACRMS max.
- Maximum watts per terminal: 5000

Mechanical Specifications:

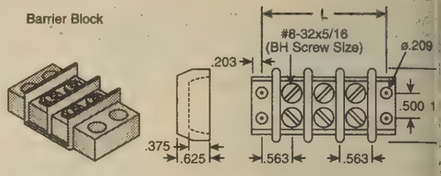
- Maximum wire size: #14AWG
- Recommended tightening torque: 12lb. -in.

For quantities greater than listed, call for quote.

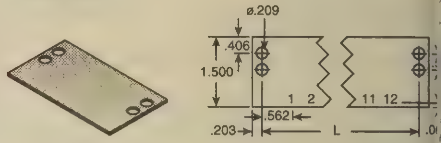
MOUSER STOCK NO.	No. of Term.	L Dim. (In.)	Price Each 1	25	50	100
Barrier Blocks						
538-2141	2	1.312	.83	.62	.56	.51
538-3141	3	1.750	1.44	1.07	.90	.78
538-4141	4	2.187	1.44	1.07	.90	.78
538-5141	5	2.625	1.63	1.21	1.02	.89
538-06141	6	3.062	1.86	1.38	1.16	1.01
538-7141	7	3.500	2.29	1.70	1.43	1.25
538-8141	8	3.938	2.40	1.79	1.50	1.31
538-9141	9	4.375	2.72	2.02	1.70	1.48
538-10141	10	4.813	2.83	2.11	1.77	1.55
538-11141	11	5.250	3.10	2.31	2.10	1.69
538-12141	12	5.687	3.37	2.51	2.11	1.84
Marker Strips						
538-MS2141	2	1.312	.50	.35	.32	.28
538-MS3141	3	1.750	.52	.37	.34	.30
538-MS4141	4	2.187	.57	.40	.37	.32
538-MS5141	5	2.625	.58	.41	.38	.33
538-MS6141	6	3.062	.58	.41	.38	.33
538-MS7141	7	3.500	.62	.43	.40	.35
538-MS8141	8	3.938	.69	.48	.45	.39
538-MS9141	9	4.375	.69	.48	.45	.39
538-MS10141	10	4.813	.75	.52	.48	.42
538-MS11141	11	5.250	.86	.60	.56	.49
538-MS12141	12	5.687	.86	.60	.56	.49

Series 142

Barrier Block



Marker Strip



Specifications:

- Voltage rating: 250VACRMS
- Current rating: 30A max.
- Withstanding voltage without marker strip: 1600VACRMS max.
- Withstanding voltage with marker strip: 2600VACRMS max.
- Maximum watts per terminal: 7500

Mechanical Specifications:

- Maximum wire size: #10AWG
- Recommended tightening torque: 16lb. -in.

For quantities greater th
listed, call for quo

MOUSER STOCK NO.	No. of Term.	L Dim. (In.)	Price Each 1	25	50	10
Barrier Blocks						
538-2142	2	1.687	1.36	.99	.89	.7
538-3142	3	2.250	1.63	1.19	1.06	.9
538-4142	4	2.812	1.88	1.37	1.23	1.0
538-5142	5	3.375	2.72	1.98	1.77	1.5
538-06142	6	3.937	3.89	2.83	2.54	2.2
538-7142	7	4.500	4.25	3.09	2.77	2.4
538-8142	8	5.062	4.44	3.23	2.89	2.5
538-9142	9	5.625	6.80	4.94	4.43	3.8
538-10142	10	6.187	7.14	5.19	4.65	4.0
538-11142	11	6.750	7.47	5.43	4.87	4.2
538-12142	12	7.312	7.50	5.46	4.89	4.2
Marker Strips						
538-MS2142	2	1.687	.50	.35	.32	.2
538-MS3142	3	2.250	.52	.37	.34	.3
538-MS4142	4	2.812	.58	.41	.38	.3
538-MS5142	5	3.375	.58	.41	.38	.3
538-MS6142	6	3.937	.60	.42	.39	.3
538-MS7142	7	4.500	.69	.48	.45	.3
538-MS8142	8	5.062	.69	.48	.45	.3
538-MS9142	9	5.625	.80	.56	.52	.4
538-MS10142	10	6.187	.83	.58	.54	.4
538-MS11142	11	6.750	.87	.61	.57	.4
538-MS12142	12	7.312	.93	.65	.60	.5

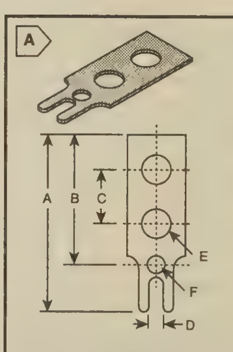
SOLDER TERMINALS

DIMENSIONS (I

Optional terminals for use with CINCH terminal blocks. For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.) A	B	C	D	E	F	Price Each 1	25	50	100
"3/4" W Terminals, Single 90°											
538-3/4W140	A	.953	.719	.312	.062	.146	.094	.35	.27	.23	.20
538-3/4W141	A	1.156	.680	.422	.078	.152	.125	.48	.37	.31	.28
538-3/4W142	A	1.422	.797	.500	.094	.177	.125	.65	.50	.43	.38
"Y" Terminals, Printed Circuit Board											
538-Y140	B	.281	.500	.136	.593	.093	.091	.35	.27	.23	.20
538-Y141	B	.312	.625	.152	.781	.125	.103	.57	.44	.37	.33
538-Y142	B	.421	.734	.177	.906	.125	.126	.67	.51	.44	.39
"W" Terminals, Double 90°											
538-W140	C	1.219	.750	.312	.063	.146	.094	.35	.27	.23	.20
538-W141	C	1.563	.938	.422	.078	.152	.125	.49	.37	.32	.28
538-W142	C	1.875	1.094	.500	.094	.177	.125	.67	.51	.44	.39

A



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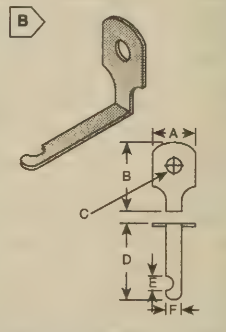

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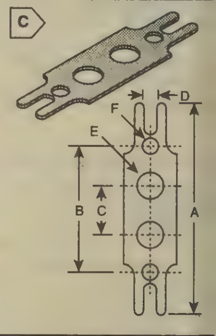


JUMPERS

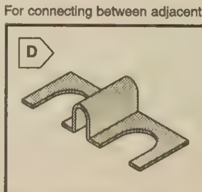
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Barrier Block Series	Price Each 1	25	50	100
538-140J-1	D	140	.21	.16	.14	.12
538-141J-1	E	141	.34	.26	.23	.20
538-141J	F	141	.25	.19	.17	.15
538-95B	F	142	.72	.55	.48	.42
538-142J-1	G	142	.34	.26	.23	.20
538-142J-2	H	142	.21	.16	.14	.12

For connecting between adjacent terminals or alternate terminals. All jumpers are brass with nickel plating.

DIMENSIONS (I

D



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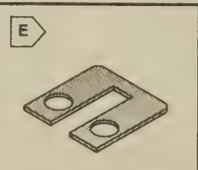

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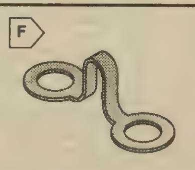

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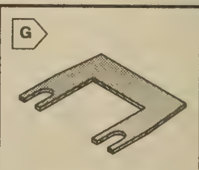

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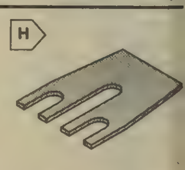

M SUBMINIATURE SERIES

- ubminiature .5" height
- 48 screws on .2" centers
- 20A rating
- 12-22AWG wire range

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
rtical							
6-2MV02	A	2	0.4	.63	.56	.50	.49
6-2MV03	A	3	0.6	.98	.87	.78	.76
6-2MV04	A	4	0.8	1.31	1.16	1.05	1.01
6-2MV05	A	5	1.0	1.63	1.44	1.30	1.26
6-2MV06	A	6	1.2	1.96	1.74	1.57	1.51
6-2MV07	A	7	1.4	2.29	2.03	1.83	1.77
6-2MV08	A	8	1.6	2.63	2.33	2.10	2.03
6-2MV09	A	9	1.8	2.98	2.64	2.38	2.30
6-2MV10	A	10	2.0	3.26	2.88	2.60	2.51
6-2MV12	A	12	2.4	3.92	3.47	3.14	3.02
ght Angle							
6-2MR02	B	2	0.4	.74	.65	.59	.57
6-2MR03	B	3	0.6	1.12	.99	.90	.86
6-2MR04	B	4	0.8	1.49	1.32	1.19	1.15
6-2MR05	B	5	1.0	1.87	1.66	1.50	1.44
6-2MR06	B	6	1.2	2.24	1.98	1.79	1.73
6-2MR08	B	8	1.6	2.99	2.65	2.38	2.31
6-2MR10	B	10	2.0	3.76	3.33	3.01	2.90
6-2MR12	B	12	2.4	4.52	4.00	3.61	3.48
° Angle							
6-2MA02	C	2	0.4	.79	.70	.63	.61
6-2MA03	C	3	0.6	1.21	1.07	.97	.93
6-2MA04	C	4	0.8	1.59	1.41	1.27	1.23
6-2MA05	C	5	1.0	2.03	1.80	1.62	1.57
6-2MA06	C	6	1.2	2.42	2.14	1.93	1.86
6-2MA07	C	7	1.4	3.03	2.68	2.42	2.34
6-2MA08	C	8	1.6	3.20	2.84	2.56	2.47
6-2MA09	C	9	1.8	3.62	3.22	2.91	2.81
6-2MA10	C	10	2.0	3.99	3.53	3.19	3.08
6-2MA12	C	12	2.4	4.85	4.29	3.88	3.74

ELEVATOR CLAMP TERMINAL LOCK

- Modular housing permits end-stackability and interlocking
- 12-22AWG wire range
- 20A rating
- 3-48 screws on .2" centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
rtical							
06-2EV02	D	2	0.4	1.24	1.10	.99	.96
06-2EV03	D	3	0.6	1.82	1.61	1.46	1.40
06-2EV04	D	4	0.8	2.42	2.14	1.93	1.86
ight Angle							
06-2ER02	E	2	0.4	1.35	1.19	1.08	1.04
06-2ER03	E	3	0.6	1.98	1.75	1.58	1.53
°Angle							
06-2EA02	F	2	0.4	1.21	1.07	.97	.93
06-2EA03	F	3	0.6	1.82	1.61	1.46	1.40
06-2EA04	F	4	0.8	2.24	1.98	1.79	1.73

SV SCREWDRIVER-LESS SERIES

- lew tool-less design
- ubminiature .45" height
- 2" spacing
- 18-24AWG wire range
- 20A rating

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
06-2SV-02	G	2	0.4	.54	.48	.43	.42
06-2SV-03	G	3	0.6	.86	.76	.69	.66
06-2SV-04	G	4	0.8	1.10	.98	.88	.85
06-2SV-05	G	5	1.0	1.45	1.29	1.16	1.12
06-2SV-09	G	9	1.8	2.61	2.31	2.09	2.01

URO PCB TERMINAL BLOCK

ecifications:

0A rating
4-26 AWG wire range
M2.5 screws on .197" centers

LR30811 E54800

L Series, Ultra Low Profile

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
rtical							
06-5ULV02	H	2	.415	.54	.48	.43	.42
06-5ULV03	H	3	.611	.81	.71	.64	.62
06-5ULV04	H	4	.814	1.05	.93	.84	.81
ight Angle							
06-5ULR02	I	2	.415	.54	.48	.43	.42
06-5ULR03	I	3	.611	.81	.71	.64	.62
06-5ULR04	I	4	.814	1.05	.93	.84	.81

4DB DUAL BARRIER SERIES

- Thicker barriers
- 6-32 screws on .325" centers
- New combo head screws (P107 series only)
- 14-22AWG wire range
- 20A rating

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-4DB-P107-02	J	2	.585	.58	.51	.46	.45
506-4DB-P107-04	J	4	1.235	1.02	.90	.81	.78
506-4DB-P107-06	J	6	1.885	1.45	1.29	1.16	1.12
506-4DB-P107-08	J	8	2.535	1.87	1.66	1.50	1.44
506-4DB-P107-12	J	12	3.835	2.75	2.43	2.20	2.12

NC6 HEAVY DUTY MINI SERIES

- Thicker barriers
- 6-32 screws on .375" centers
- New combo head screws
- 12-22AWG wire range
- 20A rating

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-NC6-P107-02	K	2	.815	.54	.48	.43	.42
506-NC6-P107-03	K	3	1.19	.72	.64	.57	.55
506-NC6-P107-04	K	4	1.565	.84	.74	.67	.65
506-NC6-P107-05	K	5	1.94	1.05	.93	.84	.81
506-NC6-P107-06	K	6	2.315	1.21	1.07	.97	.93
506-NC6-P107-07	K	7	2.69	1.23	1.16	1.08	.99
506-NC6-P107-08	K	8	3.065	1.59	1.41	1.27	1.23
506-NC6-P107-09	K	9	3.44	1.84	1.63	1.47	1.42
506-NC6-P107-10	K	10	3.82	1.82	1.63	1.54	1.44
506-NC6-P107-12	K	12	4.57	2.10	1.97	1.83	1.70

PCV TRI-BARRIER SERIES

3 PCV Series

- 5A rating
- 18-22AWG wire range
- 3-48 screws on .250" centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-3PCV-02	L	2	.57	.82	.73	.66	.63
506-3PCV-03	L	3	.82	1.23	1.09	.98	.95
506-3PCV-04	L	4	1.07	1.65	1.46	1.32	1.27
506-3PCV-05	L	5	1.32	2.05	1.81	1.64	1.58
506-3PCV-06	L	6	1.57	2.45	2.17	1.96	1.89
506-3PCV-07	L	7	1.82	2.89	2.56	2.31	2.23
506-3PCV-08	L	8	2.07	3.26	2.88	2.60	2.51
506-3PCV-09	L	9	2.32	3.71	3.29	2.97	2.86
506-3PCV-10	L	10	2.57	4.06	3.60	3.25	3.13

4 PCV Series

- 20A rating
- 14-22AWG wire range
- 4-40 screws on .325" centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-4PCV-02	L	2	.705	.81	.71	.64	.62
506-4PCV-03	L	3	1.03	1.17	1.04	.94	.90
506-4PCV-04	L	4	1.35	1.54	1.36	1.23	1.19
506-4PCV-05	L	5	1.68	1.94	1.72	1.55	1.50
506-4PCV-06	L	6	2.00	2.33	2.06	1.86	1.80
506-4PCV-07	L	7	2.33	2.73	2.42	2.18	2.11
506-4PCV-08	L	8	2.65	2.98	2.64	2.38	2.30
506-4PCV-09	L	9	2.98	3.52	3.12	2.81	2.71
506-4PCV-10	L	10	3.30	3.73	3.30	2.98	2.88

6 PCV Series

- 25A rating
- 12-22AWG wire range
- 6-32 screws on .375" centers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. Pos.	Lth. (In.)	Price Each			
				1	25	50	100
506-6PCV-02	L	2	.815	.74	.65	.59	.57
506-6PCV-03	L	3	1.19	1.03	.91	.83	.80
506-6PCV-04	L	4	1.56	1.38	1.22	1.11	1.07
506-6PCV-05	L	5	1.94	1.73	1.53	1.39	1.34
506-6PCV-06	L	6	2.31	2.08	1.84	1.67	1.61
506-6PCV-07	L	7	2.69	2.56	2.26	2.04	1.97
506-6PCV-08	L	8	3.06	2.75	2.43	2.20	2.12
506-6PCV-09	L	9	3.44	3.26	2.88	2.60	2.51
506-6PCV-10	L	10	3.81	3.45	3.05	2.76	2.66
506-6PCV-12	L	12	4.56	4.13	3.66	3.30	3.19
506-6PCV-14	L	14	5.31	5.08	4.50	4.06	3.92
506-6PCV-16	L	16	6.06	5.53	4.90	4.42	4.27

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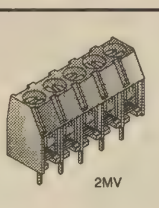
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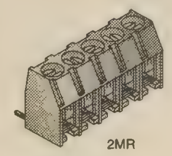
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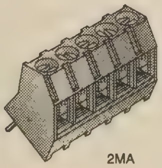
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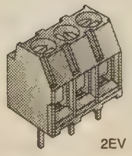
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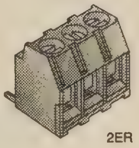
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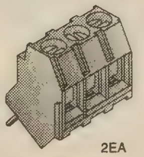
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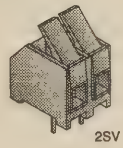
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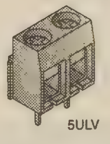
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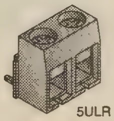
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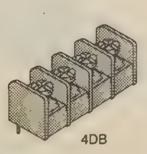
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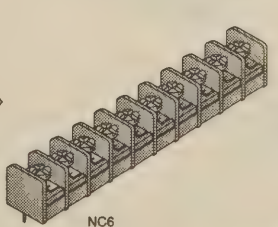
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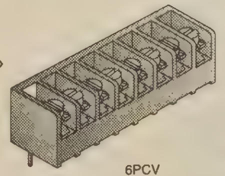

6PCV

Test Points, Terminal Strips, Terminal Blocks, & Connector Modules

TEST POINTS GLASS BEAD INSULATOR

Mouser printed circuit board terminals are ideal for use as test points and for raising hot components above the surface of the printed circuit board. When terminals are pressed through plated holes they will not damage the plating. The terminals will also remain in place even if the board is reversed for flow soldering. Able to withstand very high temperature without distorting.

Material:
Bead: boro silicate sintered glass
Tag: phosphor bronze B5384 solder tinned

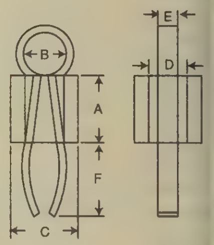
Price Each						
1	100	500	1000	5000	10000	25000
.28	.138	.126	.117	.112	.108	.099

† Note: Coefficient of expansion is quoted for the range of 50°C to 300°C.

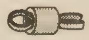
Glass Bead									
† Coeff.	Density	Viscosity Poise °C			Log (OHM. CM)			Dielectric Properties	
Term. Expn	g/cc	14.6	13	7.6	TR.	DC. Resistivity		at 1MHZ at 20°C	
x10^{-6}/°C		10	10	10	100	250°C	350°C	Const	Loss Angle
4.94	2.27	475	515	719	365	10.01	8.2	5.7	0.003

✻ 3/32" board thickness only

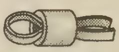
DIMENSIONS (IN.)	
.040" Mounting Hole	.052" Mounting Hol
A= .120-.130 B= .051-.059 C= .087-.097 D= .042-.052 E= .020 F= .109	A= .112-.122 B= .080-.085 C= .113-.123 D= .059-.069 E= .032 F= .109 ✻F= .141



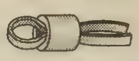
Small



Large



Large, Long Legged

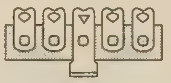


MOUSER STOCK NO.	Board Thickness (In.)	Mounting Hole (In.)	MOUSER STOCK NO.	Board Thickness (In.)	Mounting Hole (In.)	MOUSER STOCK NO.	Board Thickness (In.)	Mounting Hole (In.)	Color
151-201	1/16	.040	151-101	1/16	.052	151-301	3/32	.052	White
151-202	1/16	.040	151-102	1/16	.052	151-302	3/32	.052	Yellow
151-203	1/16	.040	151-103	1/16	.052	151-303	3/32	.052	Black
151-204	1/16	.040	151-104	1/16	.052	151-304	3/32	.052	Brown
151-205	1/16	.040	151-105	1/16	.052	151-305	3/32	.052	Blue
151-206	1/16	.040	151-106	1/16	.052	151-306	3/32	.052	Pink
151-207	1/16	.040	151-107	1/16	.052	151-307	3/32	.052	Red
151-208	1/16	.040	151-108	1/16	.052	151-308	3/32	.052	Green

TERMINAL STRIPS

• Lug: tin plated • Strip: phenolic .375"x.062" • Mount: for #6 screw

A



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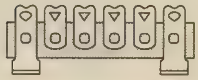


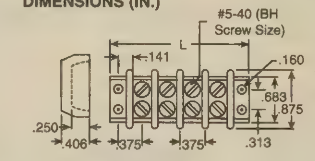
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Desc.	Price Each		
			1	10	100
158-1002	A	2 lugs	.25	.17	.15
158-1003	A	3 lugs	.29	.19	.17
158-1004	A	4 lugs	.37	.25	.20
158-1005	A	5 lugs	.48	.32	.27
158-1006	B	6 lugs	.57	.38	.32
158-1007	B	7 lugs	.67	.45	.35
158-1008	B	8 lugs	.72	.48	.38

BARRIER TERMINAL BLOCKS

These terminal blocks are direct replacements for TRW cinch 140 series barrier blocks. Insulator material is UL94V-0 molded phenolic. Eyelets are nickel plated brass, screws are nickel plated steel, 10 amp rated. Universal screw head fits slotted or phillips screwdriver.

DIMENSIONS (IN.)



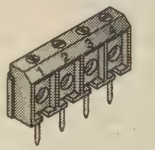
For quantities greater than listed, call for qu

MOUSER STOCK NO.	Term.	L	Price Each		
			1	25	5
15BB002	2	1.425	.69	.54	.
15BB004	4	2.175	.94	.75	.
15BB006	6	2.55	1.44	1.07	.
15BB008	8	3.675	1.67	1.34	1.
15BB010	10	5.175	2.10	1.70	1.

ENCLOSED TERMINAL BLOCKS

Nickel plated brass terminals completely surround the wire end, hold it securely in place, and eliminate the need for lugs. Each position is numbered for easy identification.

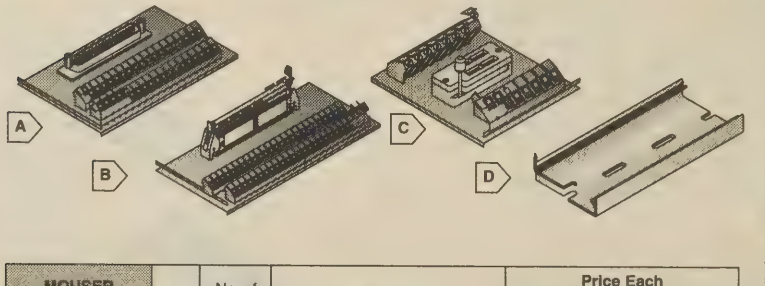
Specifications:
- Housing of gray polyamid/nylon fiber glass reinforced
- .200" pin spacing
- Low profile
- PC mounting pins
- **End buttable with interlocking dovetail**
- **Accepts solid or stranded wire 14AWG to 24AWG**



MOUSER STOCK NO.	Pos.	L (In.)	Description	Price Each			
				1	10	100	50
153-2502	2	.4	PC mount, nominal load: 6A, max. temp.: +150°C	1.56	1.37	1.18	1.0
153-2503	3	.6	PC mount, nominal load: 6A, max. temp.: +150°C	2.15	1.79	1.63	1.4
153-2505	5	1.0	PC mount, nominal load: 6A, max. temp.: +150°C	3.24	2.70	2.45	2.2
153-2506	6	1.2	PC mount, nominal load: 6A, max. temp.: +150°C	3.96	3.30	3.00	2.7
153-2102	2	- - -	Nom. load: 13A @ 250VAC, temp.: -30°C~ +120°C	1.26	.97	.88	.8
153-2103	3	- - -	Nom. load: 13A @ 250VAC, temp.: -30°C~ +120°C	1.73	1.44	1.31	1.1

Thomas&Betts® RDI® Augat® CONNECTOR MODULES AND ACCESSORIES

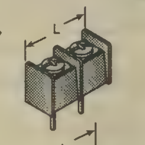
Features: • 20 amp rating • Converts standard industry connectors to field wiring • 12-22 AWG wire



MOUSER STOCK NO.	Fig.	No. of Contacts	Description	Price Each			
				1	10	25	50
506-2M09DSM	A	9	D-sub connector module	20.61	19.92	19.24	18.55
506-2M15DSM	A	15	D-sub connector module	24.74	23.91	23.09	22.26
506-2M25DSM	A	25	D-sub connector module	30.50	29.48	28.46	27.45
506-2M37DSM	A	37	D-sub connector module	37.82	36.55	35.29	34.03
506-2M14FC	B	14	Flat cable connector module	27.84	26.91	25.98	25.06
506-2M16FC	B	16	Flat cable connector module	28.76	27.80	26.84	25.88
506-2M20FC	B	20	Flat cable connector module	32.69	31.60	30.57	29.42
506-2M26FC	B	26	Flat cable connector module	39.09	37.79	36.48	35.18
506-2M40FC	B	40	Flat cable connector module	54.59	52.77	50.95	49.13
506-2M50FC	B	50	Flat cable connector module	66.21	64.00	61.80	59.59
506-2M60FC	B	60	Flat cable connector module	78.11	75.50	72.90	70.29
506-2M40DPZ	C	40	ZIF dip socket module	72.96	70.53	68.10	65.66
506-2TK2-6	D	- - -	Mounting channel, 6"	1.46	1.41	1.36	1.31
506-2TK2-12	D	- - -	Mounting channel, 12"	2.60	2.51	2.42	2.34

BARRIER TERMINAL BLOCKS

A



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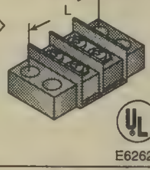


Specifications for Low Profile PC Mount:
- UL rated 250V @ 20A
- UL rated 94V-0 fire retardant thermoplastic bodies
- Operating temperature: -40°C to +150°C
- .375" spacing

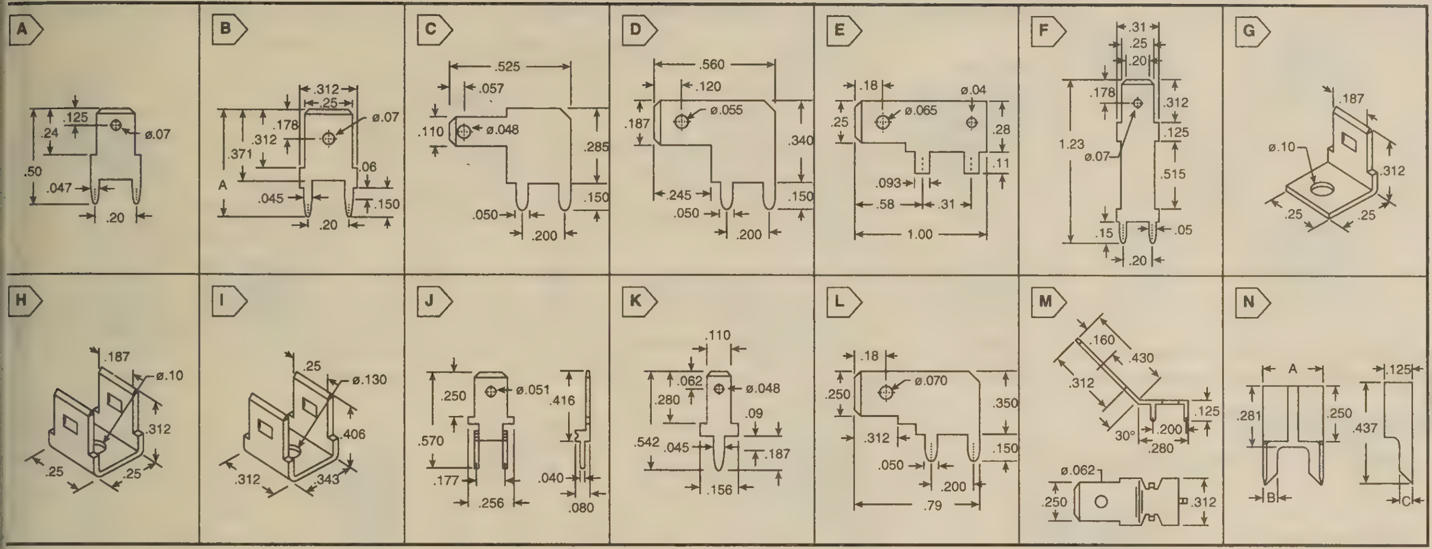
Specifications for Double Row, Screw Mount:
- Rating: 20A, 150V
- Breakdown voltage: 3600V
- Wiring: terminals will accept wire sizes through AWG #14
- Terminal screw size: #6-32 / .375" spacing
- Distance between barriers: 0.3"
- Molded material: UL 94V-0 thermoplastic
- Materials and finish: screws are steel, zinc plated
- Terminals and accessories are tin plated brass
- Temperature rating: -40°C to +150°C

E62622 28

MOUSER STOCK NO.	Fig.	Position	L Dim. (In.)	Description	Price Each			
					1	10	100	500
Low Profile PC Mount								
504-LP2022-02	A	2	.75	Single row	.74	.67	.59	.5
504-LP2022-03	A	3	1.125	Single row	1.11	1.00	.89	.7
504-LP2022-04	A	4	1.5	Single row	1.48	1.33	1.18	1.0
504-LP2022-05	A	5	1.875	Single row	1.85	1.66	1.48	1.3
504-LP2022-06	A	6	2.25	Single row	2.22	2.00	1.78	1.5
504-LP2022-07	A	7	2.625	Single row	2.59	2.33	2.07	1.8
504-LP2022-08	A	8	3	Single row	2.96	2.66	2.39	2.0
504-LP2022-09	A	9	3.375	Single row	3.42	2.85	2.59	2.3
504-LP2022-10	A	10	3.75	Single row	3.70	3.33	2.96	2.5
504-LP2022-11	A	11	4.125	Single row	4.10	3.42	3.11	2.7
504-LP2022-12	A	12	4.5	Single row	4.44	3.70	3.36	3.0
Double Row Screw Mount								
504-TB100-02	B	2	1.12	Double row	.72	.65	.58	.5
504-TB100-04	B	4	1.88	Double row	1.44	1.30	1.15	1.0
504-TB100-06	B	6	2.62	Double row	2.16	1.94	1.73	1.5
504-TB100-08	B	8	3.38	Double row	2.88	2.60	2.30	2.0
504-TB100-10	B	10	4.12	Double row	3.60	3.24	2.88	2.5
504-TB100-12	B	12	4.88	Double row	4.03	3.36	3.05	2.7

KEYSTONE PC QUICK-FIT TERMINALS

DIMENSIONS (IN.)


A
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.047
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B
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.25
.178
ø.07
.371
.312
A
.06
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.150
.20
C
.525
.057
.110
ø.048
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.150
.050
.200
D
.560
.120
.187
ø.055
.340
.245
.050
.150
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E
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ø.04
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J
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A
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pecifications: • Material type: Brass • Material finish: Tin or bright

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Tab Size (In.)	Description	Finish	Price Each 1	100	500
534-1212	A	.187	PCB straight terminal, .032" thick	Tin	.07	.05	.04
534-1285	A	.187	PCB straight terminal, .020" thick	Tin	.07	.05	.04
534-1213	A	.205	PCB straight terminal, .032" thick	Tin	.07	.05	.04
534-1286	A	.205	PCB straight terminal, .020" thick	Tin	.07	.05	.04
534-1289	B	.250	PCB straight terminal, Dim. A = .780	Tin	.13	.07	.06
534-1287	B	.250	PCB straight terminal, Dim. A = .552	Tin	.12	.06	.05
534-4903	C	.110	PCB right angle terminal, .020" thick	Tin	.17	.12	.11
534-4906	C	.110	PCB right angle terminal, .032" thick	Tin	.17	.12	.11
534-4904	D	.187	PCB right angle terminal, .020" thick	Tin	.17	.12	.11
534-4907	D	.187	PCB right angle terminal, .032" thick	Tin	.17	.12	.11
534-1265	E	.250	PCB right angle terminal	Tin	.22	.13	.12
534-1281	F	.250	PCB tall terminal	Tin	.15	.09	.08
534-1261	G	.187	Single tab rivet type terminal	Bright	.16	.10	.08
534-1262	H	.187	Dual tab rivet type terminal	Bright	.23	.14	.12

* Not UL Rated

For quantities greater than listed, call for quote.

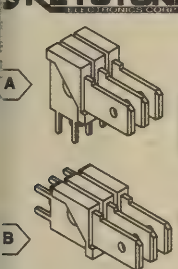
MOUSER STOCK NO.	Fig.	Tab Size (In.)	Description	Finish	Price Each 1	100	500
534-1257	I	.250	Dual tab rivet type terminal	Bright	.11	.056	.050
534-4900	J	.187	Male sturdi-mount terminal	Tin	.11	.080	.070
534-4901	J	.250	Male sturdi-mount terminal	Tin	.11	.080	.070
534-4902	J	.250	Male sturdi-mount terminal	Tin	.11	.080	.070
534-1267	K	.110	Male single point terminal	Tin	.09	.070	.060
534-1211	K	.110	Male single point terminal	Tin	.09	.070	.060
534-4966	L	.250	PCB right angle terminal, .590" wide	Tin	.13	.070	.060
534-1266	L	.250	PCB right angle terminal, .789" wide	Tin	.13	.070	.060
534-4908	M	.250	PCB right angle terminal	Tin	.24	.170	.150

Female

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Tab Size (In.)	Description	Finish	Price Each 1	100	500
* 534-3525	N	.205	Dim.A: .271; Dim.B: .075; Dim.C: .060	Tin	.18	.090	.071
* 534-3528	N	.250	Dim.A: .291; Dim.B: .090; Dim.C: .050	Tin	.18	.090	.071

KEYSTONE PC QUICK-FIT MALE STURDI-MOUNT HEADERS



Steel

For quantities greater than listed, call for quote.

Horizontal Headers MOUSER STOCK NO.	Fig.	Vertical Headers MOUSER STOCK NO.	Fig.	No. of Tabs	Price Each 1	100	500	1000
534-7822	A	534-7832	B	2	.69	.48	.43	.26
534-7823	A	534-7833	B	3	1.04	.71	.65	.39
534-7824	A	534-7834	B	4	1.15	.79	.72	.43
534-7825	A	534-7835	B	5	1.43	.99	.90	.50
534-7826	A	534-7836	B	6	1.58	1.09	.99	.59

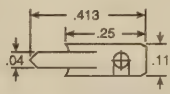
Brass

For quantities greater than listed, call for quote.

Horizontal Headers MOUSER STOCK NO.	Fig.	Vertical Headers MOUSER STOCK NO.	Fig.	No. of Tabs	Price Each 1	100	500	1000
534-7802	A	534-7812	B	2	1.17	.81	.74	.44
534-7803	A	534-7813	B	3	1.58	1.09	.99	.59
534-7804	A	534-7814	B	4	1.75	1.21	1.10	.66
534-7805	A	534-7815	B	5	2.11	1.45	1.32	.79
534-7806	A	534-7816	B	6	2.33	1.60	1.46	.87

C MOUNT MALE QUICK DISCONNECTS

DIMENSIONS (IN.)

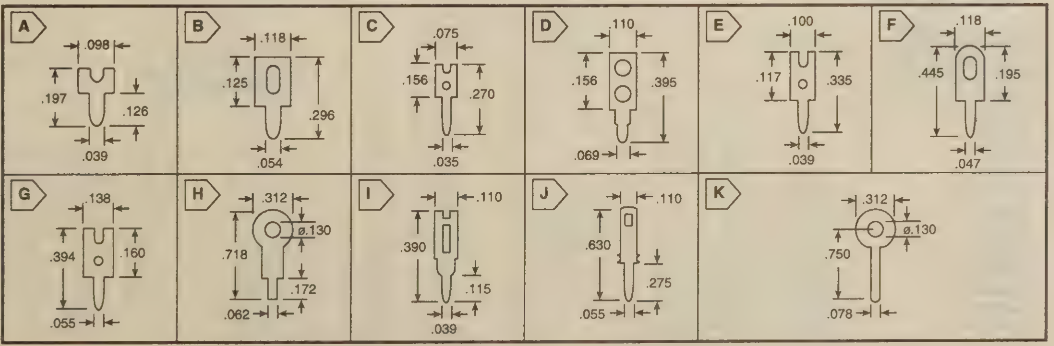


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size (Inches)	Price Each 1	100	1000	10000
153-1006	.110 x .03	.25	.13	.12	.110

KEYSTONE TEST POINT TERMINALS

MOUSER STOCK NO.	Fig.	Price Each 1	100	500	1000
534-4950	A	.13	.057	.035	.032
534-1033	B	.13	.070	.060	.050
534-1031	C	.13	.070	.060	.050
534-1038	D	.13	.070	.060	.050
534-1035	E	.13	.070	.060	.050
534-1249	F	.13	.070	.060	.050
534-1039	G	.13	.070	.060	.050
534-680	H	.11	.060	.050	.040
534-1040	I	.11	.060	.050	.040
534-1041	J	.15	.080	.070	.060
534-4002	K	.09	.050	.042	.036


A
.098
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.039
B
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.125
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.054
C
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D
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.395
.069
E
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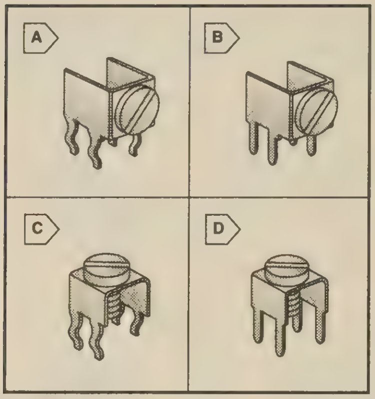


KEYSTONE ELECTRONICS CORP.

PC MOUNT SCREW TYPE TERMINAL POST

Features:
- Current rating: 15A
- Terminal material: tin-plated brass
- Screw type: 6-32 x 1/4LG nickel-plated steel

Horizontal

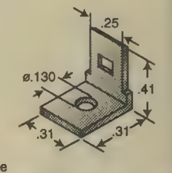
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
534-7690	A	Snap mount terminal, loose	.32	.20	.16	.11
534-7692	A	Snap mount terminal, assembled	.41	.21	.19	.16
534-8190	B	Horizontal PC mount	.37	.19	.17	.13
534-7700	B	PC mount terminal assembled	.41	.21	.19	.16

Vertical

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
534-7691	C	Snap mount terminal, loose	.30	.19	.15	.10
534-7693	C	Snap mount terminal, assembled	.39	.20	.18	.15
534-8191	D	Vertical PC mount	.36	.18	.16	.097
534-7701	D	PC mount terminal, assembled	.39	.20	.18	.15

KEYSTONE ELECTRONICS CORP.

PC BOARD DISCONNECT TAB



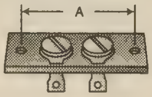
Features:
- Bright brass plate
- Mating tab portion designed to NEMA standards
- Terminal dimension: .250" x .03"

MOUSER STOCK NO.	Price Each			
	1	100	1000	5000
534-1256	.09	.057	.035	.032

KEYSTONE ELECTRONICS CORP.

SCREW TYPE TERMINAL BOARDS

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Terminals	Dim. A (In.)	Price Each		
			1	10	100
534-4188	2	1.31	.56	.47	.40
534-4189	3	1.75	.77	.64	.55
534-4190	4	2.19	1.01	.84	.76
534-4191	5	2.63	1.25	1.04	.88

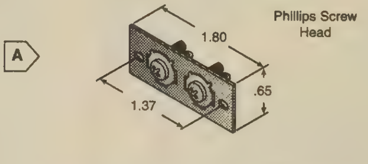
For quantities greater than listed, call for quote.

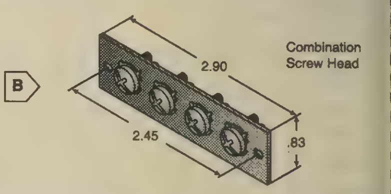
MOUSER STOCK NO.	No. of Terminals	Dim. A (In.)	Price Each		
			1	10	100
534-4192	6	3.06	1.45	1.21	1.09
534-4194	8	3.94	2.00	1.67	1.53
534-4196	10	4.81	2.53	2.11	1.88

SCREW TYPE TERMINAL BOARDS

For quantities greater than listed, call for quote.

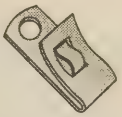
MOUSER STOCK NO.	Fig.	No. of Term.	Description	Price Each		
				1	10	100
15CA002	A	2	Black phenolic with hot-tinned brass terminals	.38	.26	.25
15CA004	B	4		.56	.52	.46





FAHNESTOCK CLIPS

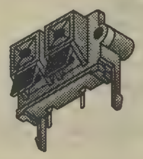
Features:
- Quick connect
- Quick disconnect
- Wire clip
- Battery clip
- Terminal/connector
- Nickel plated, spring brass



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Screw Size	W x L (In.)	Price Each			
			1	100	1000	5000
524-11-4034C	6	5/16 x 3/4	.21	.19	.139	.125

COMPRESSION TERMINAL



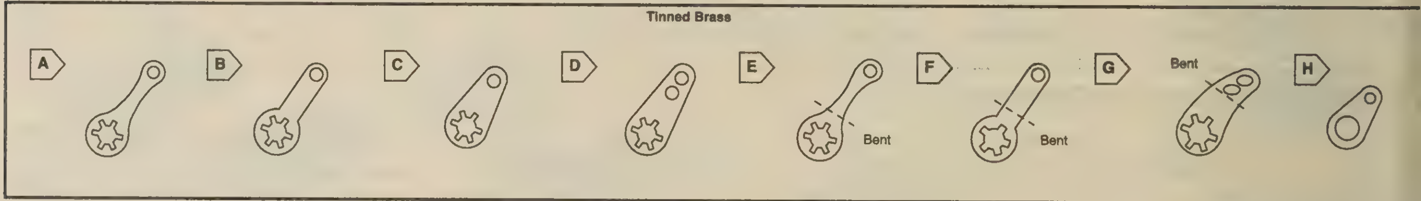
Printed circuit terminals. Ideal for speaker systems and other audio or low voltage applications. These terminal blocks firmly grasp stripped wire. Buttons are color coded black and red.

Features:
- PCB mount
- Contacts: tin plated
- ABS plastic

MOUSER STOCK NO.	Price Each			
	1	10	100	500
151-0300	.64	.49	.45	.41

KEYSTONE ELECTRONICS CORP.

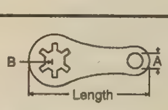
TERMINAL SOLDER LUGS



- Tinned brass for easy soldering
- Easy way of providing ground
- Built-in locking washer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Screw Sz (B)	Price Each		
		Length	A	Thick		1	100	1000
534-903	A	7/8	3/32	.018	4	.13	.063	.032
534-904	A	7/8	3/32	.018	6	.13	.063	.032
534-905	A	7/8	3/32	.018	8	.13	.063	.032
534-905-10	A	7/8	3/32	.018	10	.11	.055	.037
534-909	B	47/64	3/32	.018	4	.13	.063	.032
534-916	B	47/64	3/32	.018	6	.13	.063	.032
534-917	B	47/64	3/32	.018	8	.13	.063	.032
534-908	C	5/8	3/32	.018	4	.11	.057	.029
534-914	C	5/8	3/32	.018	6	.11	.057	.029
534-915	C	5/8	3/32	.018	8	.11	.057	.029
534-910	D	23/32	3/32	.018	4	.12	.060	.031
534-918	D	23/32	3/32	.018	6	.12	.060	.031
534-906	D	23/32	3/32	.018	8	.12	.060	.031

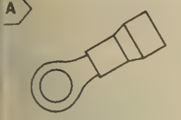


* Non-locking

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Screw Sz (B)	Price Each		
		Length	A	Thick		1	100	1000
534-7317	E	13/16	3/32	.018	4	.13	.063	.032
534-7318	E	13/16	3/32	.018	6	.13	.063	.032
534-7319	E	13/16	3/32	.018	8	.13	.063	.032
534-7314	F	23/32	3/32	.018	4	.13	.063	.038
534-7315	F	23/32	3/32	.018	6	.13	.063	.032
534-7316	F	23/32	3/32	.018	8	.13	.063	.038
534-7311	G	41/64	3/32	.018	4	.12	.060	.031
534-7312	G	41/64	3/32	.018	6	.12	.060	.031
534-7313	G	41/64	3/32	.018	8	.12	.060	.031
* 534-7328	H	17/32	.076	.015	4	.13	.064	.032
* 534-7329	H	17/32	.076	.015	6	.13	.064	.032
* 534-7330	H	17/32	.076	.015	8	.13	.064	.032

PANDUIT® Terminals, Kits, and Tools

A


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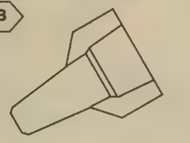

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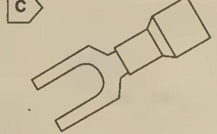

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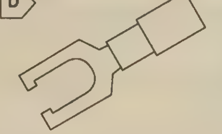

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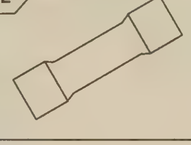

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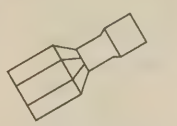

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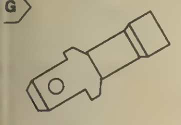

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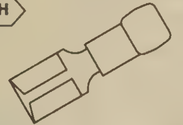

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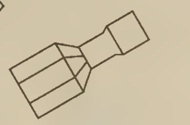

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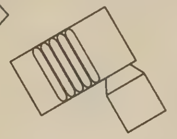

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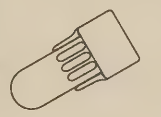

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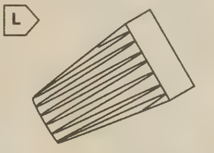


OLDERLESS TERMINALS

- ›rice each is per terminal
- All terminals feature brazed seam construction

MOUSER STOCK NO.	Fig.	Wire Size	Stud Size	Color	Price Each				
					1	50	100	500	1000
inyl Ring									
44-PV18-6R-C	A	22-18	6	Red	.38	- - -	.29	.23	- - -
44-PV18-6R-M	A	22-18	6	Red	- - -	- - -	- - -	- - -	.10
44-PV18-8R-C	A	22-18	8	Red	.38	- - -	.29	.23	- - -
44-PV18-8R-M	A	22-18	8	Red	- - -	- - -	- - -	- - -	.10
44-PV14-6R-C	A	16-14	6	Blue	.38	- - -	.29	.23	- - -
44-PV14-6R-M	A	16-14	6	Blue	- - -	- - -	- - -	- - -	.10
44-PV14-8R-C	A	16-14	8	Blue	.38	- - -	.29	.23	- - -
44-PV14-8R-M	A	16-14	8	Blue	- - -	- - -	- - -	- - -	.10
44-PV14-10R-C	A	16-14	10	Blue	.38	- - -	.29	.23	- - -
44-PV14-10R-M	A	16-14	10	Blue	- - -	- - -	- - -	- - -	.10
44-PV14-14R-C	A	16-14	1/4	Blue	.46	- - -	.36	.28	.- - -
44-PV14-14R-M	A	16-14	1/4	Blue	- - -	- - -	- - -	- - -	.13
44-PV10-8R-L	A	12-10	8	Yellow	.47	.37	.33	.29	- - -
44-PV10-8R-D	A	12-10	8	Yellow	- - -	- - -	- - -	.13	.11
44-PV10-10R-L	J	12-10	10	Yellow	.47	.37	.33	.29	- - -
44-PV10-10R-D	A	12-10	10	Yellow	- - -	- - -	- - -	.13	.11
44-PV10-14R-L	B	12-10	1/4	Yellow	.58	.45	.41	.36	- - -
44-PV10-14R-D	B	12-10	1/4	Yellow	- - -	- - -	- - -	.14	.12
inyl Fork									
44-PV18-6F-C	C	22-18	6	Red	.38	- - -	.29	.23	- - -
44-PV18-6F-M	C	22-18	6	Red	- - -	- - -	- - -	- - -	.10
44-PV18-8F-C	C	22-18	8	Red	.38	- - -	.29	.23	- - -
44-PV18-8F-M	C	22-18	8	Red	- - -	- - -	- - -	- - -	.10
44-PV14-6F-C	C	16-14	6	Blue	.38	- - -	.29	.23	- - -
44-PV14-6F-M	C	16-14	6	Blue	- - -	- - -	- - -	- - -	.10
44-PV14-8F-C	C	16-14	8	Blue	.38	- - -	.29	.23	- - -
44-PV14-8F-M	C	16-14	8	Blue	- - -	- - -	- - -	- - -	.10
44-PV14-10F-C	C	16-14	10	Blue	.36	- - -	.33	.29	- - -
44-PV14-10F-M	C	16-14	10	Blue	- - -	- - -	- - -	- - -	.10
44-PV10-6F-L	C	12-10	6	Yellow	.47	.37	.33	.29	- - -
44-PV10-6F-D	C	12-10	6	Yellow	- - -	- - -	- - -	.13	.11
44-PV10-8F-L	C	12-10	8	Yellow	.47	.38	.34	.29	- - -
44-PV10-8F-D	C	12-10	8	Yellow	- - -	- - -	- - -	.13	.11
44-PV10-10F-L	C	12-10	10	Yellow	.47	.37	.33	.29	- - -
44-PV10-10F-D	C	12-10	10	Yellow	- - -	- - -	- - -	.13	.11
44-PV10-14F-L	A	12-10	1/4	Yellow	.56	.44	.40	.35	- - -
44-PV10-14F-D	A	12-10	1/4	Yellow	- - -	- - -	- - -	.15	.13
'inyl Locking Fork									
44-PV18-6LF-C	D	22-18	6	Red	.40	- - -	.31	.25	.23
44-PV18-6LF-M	D	22-18	6	Red	- - -	- - -	- - -	- - -	.10
'inyl Butt Splice									
44-BSV18X-C	E	22-18	- - -	Red	.38	- - -	.30	.27	- - -
44-BSV18X-M	E	22-18	- - -	Red	- - -	- - -	- - -	- - -	.13
44-BSV14X-C	E	16-14	- - -	Blue	.38	- - -	.30	.27	- - -
44-BSV14X-M	E	16-14	- - -	Blue	- - -	- - -	- - -	- - -	.13
44-BSV10X-L	E	12-10	- - -	Yellow	.56	.44	.40	.35	- - -
44-BSV10X-D	E	12-10	- - -	Yellow	- - -	- - -	- - -	.20	.17

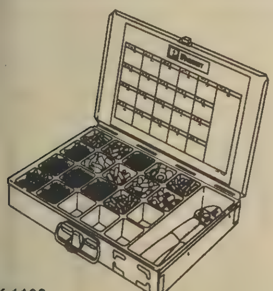
tock No. Suffix Denotes Standard Package Quantity: L = 50, C = 100, D = 500, M = 1000

- Price each is per terminal
- All terminals feature brazed seam construction

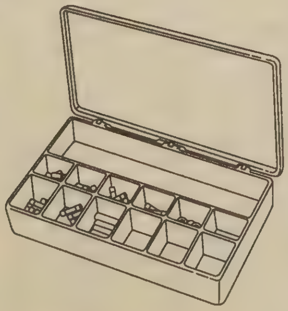
MOUSER STOCK NO.	Fig.	Wire Size	Stud Size	Color	Price Each				
					1	50	100	500	1000
Disconnect (male)									
644-DNF18-250FIM-C	F	22-18	.250x.032	Red	.52	- - -	.41	.37	- - -
644-DNF18-250FIM-M	F	22-18	.250x.032	Red	- - -	- - -	- - -	- - -	.21
644-DNF14-250FIM-C	F	16-14	.250x.032	Blue	.53	- - -	.41	.37	- - -
644-DNF14-250FIM-M	F	16-14	.250x.032	Blue	- - -	- - -	- - -	- - -	.21
644-DNF14-250M-C	G	16-14	.250x.032	Blue	.66	- - -	.52	.47	- - -
644-DNF14-250M-M	G	16-14	.250x.032	Blue	- - -	- - -	- - -	- - -	.16
644-DV18-250MB-C	G	22-18	.250x.032	Red	.53	- - -	.48	.41	- - -
644-DV18-250MB-M	G	22-18	.250x.032	Red	- - -	- - -	- - -	- - -	.12
644-DV14-250B-C	G	16-14	.250x.032	Blue	.46	- - -	.41	.36	- - -
644-DV14-250B-M	G	16-14	.250x.032	Blue	- - -	- - -	- - -	- - -	.10
644-DV14-250MB-C	G	15-14	.250x.032	Blue	.50	- - -	.45	.39	- - -
644-DV14-250MB-M	G	15-14	.250x.032	Blue	- - -	- - -	- - -	- - -	.12
Disconnect (female)									
644-DNF18-110-C	H	22-18	.110x.032	Red	.59	- - -	.46	.37	- - -
644-DNF18-110-M	H	22-18	.110x.032	Red	- - -	- - -	- - -	- - -	.20
644-DNF18-250-C	H	22-18	.250x.032	Red	.56	- - -	.44	.35	- - -
644-DNF18-250-M	H	22-18	.250x.032	Red	- - -	- - -	- - -	- - -	.15
644-DNF18-250FIB-C	I	22-18	.250x.032	Red	.53	- - -	.41	.37	- - -
644-DNF18-250FIB-M	I	22-18	.250x.032	Red	- - -	- - -	- - -	- - -	.15
644-DNF14-250-C	H	16-14	.250x.032	Blue	.56	- - -	.44	.35	- - -
644-DNF14-250-M	H	16-14	.250x.032	Blue	- - -	- - -	- - -	- - -	.15
644-DNF14-250FIB-C	I	16-14	.250x.032	Blue	.53	- - -	.41	.37	- - -
644-DNF14-250FIB-M	I	16-14	.250x.032	Blue	- - -	- - -	- - -	- - -	.15
644-DNF10-250-FI-L	I	12-10	.250x.032	Yellow	.65	.51	.46	.41	- - -
644-DNF10-250-FI-D	I	12-10	.250x.032	Yellow	- - -	- - -	- - -	.26	.23
Right Angle Disconnect (female) Tab Width									
644-DNFR14-250B-C	J	16-14	.250x.032	Blue	.68	- - -	.53	.47	- - -
644-DNFR14-250B-M	J	16-14	.250x.032	Blue	- - -	- - -	- - -	- - -	.20
Nylon Wire Joint									
644-JN224-318-C	K	- - -	- - -	Clear	.26	- - -	.20	.18	- - -
644-JN224-318-M	K	- - -	- - -	Clear	- - -	- - -	- - -	- - -	.08
644-JN218-216-C	K	- - -	- - -	Clear	.26	- - -	.20	.18	- - -
644-JN218-216-M	K	- - -	- - -	Clear	- - -	- - -	- - -	- - -	.08
Wire Nut									
644-P72-C	L	- - -	- - -	Blue	.11	- - -	.10	.09	- - -
644-P72-D	L	- - -	- - -	Blue	- - -	- - -	- - -	.07	.06
644-P73-C	L	- - -	- - -	Orange	.12	- - -	.11	.10	- - -
644-P73-D	L	- - -	- - -	Orange	- - -	- - -	- - -	.08	.07
644-P74-C	L	- - -	- - -	Yellow	.13	- - -	.12	.11	- - -
644-P74-D	L	- - -	- - -	Yellow	- - -	- - -	- - -	.08	.07
644-P76-C	L	- - -	- - -	Red	.17	- - -	.16	.15	.12
Wire Nut, Wing Style									
644-P1-C	B	- - -	- - -	Yellow	.15	- - -	.13	.12	- - -
644-P1-D	B	- - -	- - -	Yellow	- - -	- - -	- - -	.10	.09
644-P2-C	B	- - -	- - -	Red	.21	- - -	.19	.16	- - -
644-P2-D	B	- - -	- - -	Red	- - -	- - -	- - -	.13	.11

Stock No. Suffix Denotes Standard Package Quantity: L = 50, C = 100, D = 500, M = 1000

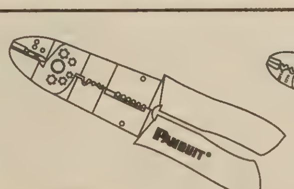
'ERMINAL ACCESSORIES



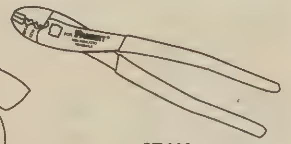
<-1100
Terminals not included)



KP-1075



CT-100



CT-260

KP-1075 includes the following:
20 each; PV18-8R, PV18-6R, PV14-8R, PV14-810R
10 each; PV10-8R, PV10-810R, DNF14-250, DNF18-250, BSV18X, BSV14X, BSV10X
5 each; JN418-212

MOUSER STOCK NO.	Description	Price Each
KP-1075	Terminal kit w/out crimping tool	47.84
K-1100	Terminal kit box w/CT-100 (terminals not included)	77.62
CT-100	All purpose crimper/stripper tool	44.58
CT-200	Non-insulated crimper tool	43.77
CT-260	Crimp tool, insulated and non-insulated product	41.36

PIDG NYLON (PRE-INSULATED DIAMOND GRIP) TERMINALS

Designed for complete and uniform reliability in the most difficult circuit environments. These nylon terminals feature a tin plated brass body with a specially designed copper sleeve fitted over the terminal barrel to provide maximum circumferential insulation support to the wire.

Features:

- High dielectric strength
- Funnel ramp entry
- Copper support sleeve for insulation
- High temperature rating
- Temperature rated: 105°C

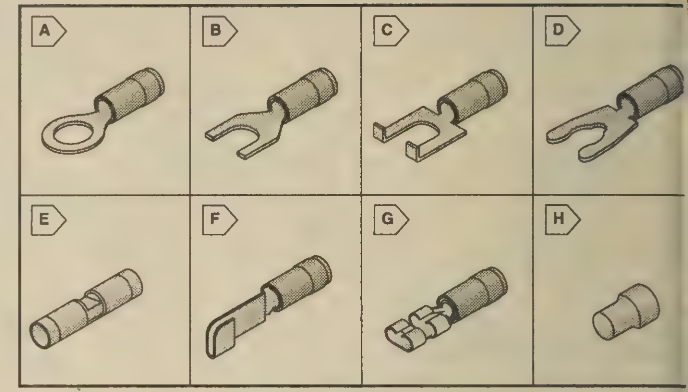
MEETS MIL SPECS™

LR7189

MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each		
					1	100	1000
Ring Terminals							
571-323912	A	Yellow	#2	26 - 22	.20	.17	.11
571-323914	A	Yellow	#4	26 - 22	.20	.18	.12
571-323915	A	Yellow	#6	26 - 22	.20	.17	.11
571-323916	A	Yellow	#8	26 - 22	.24	.21	.13
571-324075	A	Yellow	#10	26 - 22	.25	.21	.14
571-328657	A	Red	#2	22 - 16	.20	.17	.11
571-31880	A	Red	#4	22 - 16	.21	.18	.12
571-36152	A	Red	#6	22 - 16	.14	.12	.08
571-31890	A	Red	#8	22 - 16	.14	.12	.08
571-36154	A	Red	#10	22 - 16	.14	.12	.08
571-31894	A	Red	1/4"	22 - 16	.23	.20	.14
571-31895	A	Red	5/16"	22 - 16	.51	.46	.42
571-31897	A	Red	3/8"	22 - 16	.50	.45	.41
571-320619	A	Blue	#6	16 - 14	.14	.12	.08
571-320565	A	Blue	#8	16 - 14	.14	.12	.08
571-36160	A	Blue	#10	16 - 14	.14	.12	.08
571-321045	A	Blue	1/4"	16 - 14	.16	.14	.09
571-328998	A	Blue	5/16"	16 - 14	.23	.20	.13
571-328999	A	Blue	3/8"	16 - 14	.23	.20	.15
571-35149	A	Yellow	#6	12 - 10	.26	.23	.15
571-35108	A	Yellow	#8	12 - 10	.18	.15	.10
571-35109	A	Yellow	#10	12 - 10	.18	.15	.10
571-35110	A	Yellow	1/4"	12 - 10	.32	.27	.18
571-35111	A	Yellow	5/16"	12 - 10	.32	.27	.18
571-35112	A	Yellow	3/8"	12 - 10	.32	.27	.18
571-35151	A	Yellow	1/2"	12 - 10	.29	.25	.19
Spade Terminals							
571-328394	B	Red	#2	22 - 16	.20	.17	.11
571-327717	B	Red	#4	22 - 16	.23	.20	.14
571-34541	B	Red	#6	22 - 16	.14	.12	.08
571-32053	B	Red	#8	22 - 16	.20	.17	.11
571-32054	B	Red	#10	22 - 16	.79	.68	.44
571-35559	B	Blue	#6	16 - 14	.20	.17	.11
571-32059	B	Blue	#8	16 - 14	.20	.17	.11
571-321233	B	Blue	#8	16 - 14	.21	.18	.12
571-32060	B	Blue	#10	16 - 14	.23	.20	.13
571-32589	B	Yellow	#10	12 - 10	.27	.24	.15
Flanged Spade Terminals							
571-324608	C	Red	#2	22 - 16	.26	.22	.15
571-32562	C	Red	#6	22 - 16	.22	.19	.12
571-32498	C	Red	#8	22 - 16	.57	.52	.47
571-320861	C	Blue	#6	16 - 14	.22	.19	.12
571-320862	C	Blue	#8	16 - 14	.22	.19	.12
571-320863	C	Blue	#10	16 - 14	.45	.41	.37
571-325150	C	Yellow	#6	12 - 10	.57	.49	.32
571-324015	C	Yellow	#10	12 - 10	.57	.52	.47
Locking Spades							
571-52927	D	Red	#4	22 - 16	.55	.49	.45
571-52929	D	Red	#6	22 - 16	.23	.19	.13
571-52930	D	Red	#8	22 - 16	.23	.20	.13
571-52931	D	Red	#10	22 - 16	.32	.28	.18
571-52935	D	Blue	#6	16 - 14	.23	.19	.13
571-52936	D	Blue	#8	16 - 14	.24	.21	.13
571-52937	D	Blue	#10	16 - 14	.24	.21	.13
571-52941	D	Yellow	#6	12 - 10	.30	.25	.17
571-52942	D	Yellow	#8	12 - 10	.31	.27	.17
571-52943	D	Yellow	#10	12 - 10	.31	.27	.17
Butt Splices							
571-323994	E	Yellow	- - -	26 - 24	.51	.44	.29
571-320559	E	Red	- - -	22 - 16	.50	.43	.28
571-320562	E	Blue	- - -	16 - 14	.50	.43	.28
571-320570	E	Yellow	- - -	12 - 10	.85	.73	.48
Knife Disconnects							
571-32446	F	Red	- - -	22 - 16	.40	.34	.22
571-32448	F	Blue	- - -	16 - 14	.40	.34	.22

E66717 LR7189

Faston Receptacles							
571-6409231	G	Red	.110" x .020"	22 - 18	.21	.18	.12
571-6409291	G	Blue	.110" x .020"	16 - 14	.21	.18	.12
571-428441	G	Green	.250" x .032"	14 - 12	.30	.20	.15
571-6409171	G	Red	.187" x .020"	22 - 18	.16	.13	.09
571-6409111	G	Red	.205" x .032"	22 - 18	.21	.18	.12
571-6409151	G	Blue	.205" x .032"	16 - 14	.21	.18	.12
571-608941	G	Natural	.110" x .032"	22 - 18	.22	.16	.11
571-6409191	G	Blue	.187" x .020"	16 - 14	.21	.18	.12
571-6409091	G	Red	.205" x .020"	22 - 18	.21	.14	.11
571-6409031	G	Red	.250" x .032"	22 - 18	.16	.13	.09
571-6409051	G	Blue	.250" x .032"	16 - 14	.16	.13	.09
571-6409071	G	Yellow	.250" x .032"	12 - 10	.23	.20	.13



CLOSED END SPLICE, NYLON MOLDED

LR7189

MOUSER STOCK NO.	Fig.	Color	Size (In.)	Wire Size (AWG)	Price Each		
					1	100	1000
571-35115	H	Transparent	1/4"	22 - 14	.11	.10	.06
571-35653	H	Transparent	3/8"	22 - 10	.11	.09	.06

PLASTI-GRIP VINYL PRE-INSULATED TERMINALS

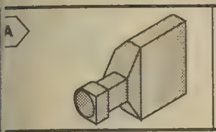
Designed as inexpensive insulated terminals. These vinyl insulated terminals are tin-plated for corrosion resistance to salt spray and most chemical fumes.

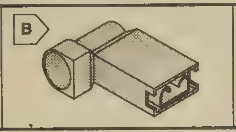
LR7189

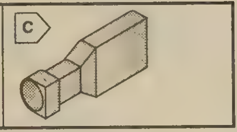
MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each		
					1	100	1000
Ring Terminals							
571-34140	A	Red	#2	22 - 16	.15	.12	.092
571-34141	A	Red	#4	22 - 16	.15	.12	.092
571-34142	A	Red	#6	22 - 16	.15	.12	.092
571-34148	A	Red	#8	22 - 16	.10	.090	.060
571-34149	A	Red	#10	22 - 16	.15	.12	.092
571-34150	A	Red	1/4"	22 - 16	.18	.15	.11
571-34151	A	Red	5/16"	22 - 16	.18	.15	.11
571-34152	A	Red	3/8"	22 - 16	.18	.15	.11
571-34157	A	Blue	#4	16 - 14	.22	.18	.14
571-34159	A	Blue	#6	16 - 14	.15	.12	.092
571-34160	A	Blue	#8	16 - 14	.10	.065	.050
571-34161	A	Blue	#10	16 - 14	.15	.12	.092
571-34162	A	Blue	1/4"	16 - 14	.11	.077	.059
571-34163	A	Blue	5/16"	16 - 14	.18	.15	.11
571-34853	A	Yellow	#8	12 - 10	.21	.18	.13
571-34854	A	Yellow	#10	12 - 10	.21	.18	.13
571-34855	A	Yellow	1/4"	12 - 10	.23	.20	.15
571-34856	A	Yellow	5/16"	12 - 10	.50	.45	.41
571-34173	A	Yellow	3/8"	12 - 10	.23	.20	.13
Spade Terminals							
571-320665	B	Red	#6	22 - 16	.15	.12	.092
571-34155	B	Red	#8	22 - 16	.15	.12	.092
571-34156	B	Red	#10	22 - 16	.15	.12	.092
571-322994	B	Blue	#6	16 - 14	.18	.16	.100
571-34166	B	Blue	#8	16 - 14	.15	.12	.092
571-34167	B	Blue	#10	16 - 14	.15	.12	.092
571-35152	B	Yellow	#8	12 - 10	.63	.57	.52
571-34176	B	Yellow	#10	12 - 10	.21	.18	.13
Flanged Spade Terminals							
571-322249	C	Red	#6	22 - 16	.17	.14	.11
571-324169	C	Red	#8	22 - 16	.70	.60	.40
571-328516	C	Red	#10	22 - 16	.33	.28	.21
571-324165	C	Blue	#6	16 - 14	.17	.14	.11
Locking Spades							
571-52949	D	Red	#6	22 - 16	.18	.15	.11
571-52950	D	Red	#8	22 - 16	.22	.18	.13
571-52951	D	Red	#10	22 - 16	.26	.22	.16
571-52955	D	Blue	#6	16 - 14	.18	.15	.11
571-52956	D	Blue	#8	16 - 14	.21	.18	.13
571-52957	D	Blue	#10	16 - 14	.18	.15	.11
Butt Splices							
571-34070	E	Red	- - -	22 - 16	.12	.10	.07
571-34071	E	Blue	- - -	16 - 14	.12	.08	.06
571-34072	E	Yellow	- - -	12 - 10	.20	.13	.08

Terminals, Tools, and Connector Kits

AMP ULTRA-FAST FULLY INSULATED FASTON TERMINALS





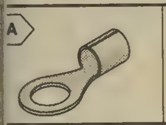


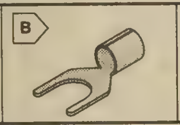
For quantities greater than listed, call for quote.

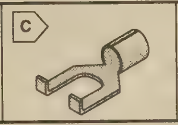
MOUSER STOCK NO.	Fig.	Color	Size (In.)	Wire Size (AWG)	Price Each		
					1	100	1000
ltra-Fast Fully Insulated FASTON Receptacles							
71-25200842	A	Red	.110/.125 x .020	22-18	.16	.13	.08
71-25201822	A	Red	0.187 x .020	22-18	.16	.13	.08
71-33508162	A	Blue	0.187 x .020	16-14	.16	.13	.08
71-25201842	A	Red	0.25 x .032	22-18	.16	.13	.08
71-33508202	A	Blue	0.25 x .032	16-14	.16	.13	.08
ltra-Fast Fully Insulated FASTON Flag Receptacles							
71-25203352	B	Red	0.187 x .020	22-18	.27	.23	.15
71-35203392	B	Blue	0.187 x .020	16-14	.27	.23	.15
71-25201292	B	Red	0.25 x .032	22-18	.27	.23	.15
71-35201332	B	Blue	0.25 x .032	16-14	.27	.23	.15
ltra-Fast Fully insulated FASTON Tabs							
71-25201032	C	Red	0.25 x .032	22-18	.27	.23	.15
71-35201072	C	Blue	0.25 x .032	16-14	.27	.23	.15
71-25211032	C	Red	0.187 x .020	22-18	.27	.23	.15

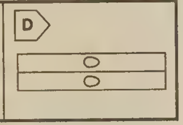
AMP SOLISTRAND UNINSULATED TERMINALS

ese terminals are designed to terminate solid and stranded, irregular shaped conductors ile retaining performance characteristics of single purpose terminals and splices. Terminals tin plated for corrosion resistance.









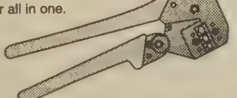
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Stud Size	Wire Size (AWG)	Price Each		
				1	100	1000
Ring Terminals						
571-34104	A	#4	22 - 16	.11	.092	.064
571-34105	A	#6	22 - 16	.09	.056	.043
571-34108	A	#8	22 - 16	.11	.092	.064
571-34109	A	#10	22 - 16	.10	.083	.06
571-34113	A	1/4"	22 - 16	.12	.10	.073
571-34114	A	5/16"	22 - 16	.12	.10	.073
571-34115	A	3/8"	22 - 16	.12	.10	.073
571-34120	A	#6	16 - 14	.11	.089	.063
571-34122	A	#8	16 - 14	.10	.083	.06
571-34123	A	#10	16 - 14	.10	.083	.06
571-34124	A	1/4"	16 - 14	.12	.10	.073
571-34125	A	5/16"	16 - 14	.12	.10	.073
571-34126	A	3/8"	16 - 14	.16	.13	.093
571-35476	A	#6	12 - 10	.16	.13	.093
571-32994	A	#8	12 - 10	.14	.12	.09
571-33457	A	#10	12 - 10	.16	.082	.063
571-33458	A	1/4"	12 - 10	.17	.15	.10
571-33459	A	5/16"	12 - 10	.17	.14	.11
571-33220	A	3/8"	12 - 10	.18	.15	.11
Spade Terminals						
571-535551	B	#2	22 - 16	.17	.14	.099
571-323127	B	#6	22 - 16	.10	.083	.06
571-34117	B	#8	22 - 16	.13	.12	.11
571-34118	B	#10	22 - 16	.10	.083	.06
571-322451	B	#6	12 - 10	.21	.18	.13
571-32995	B	#8	12 - 10	.19	.15	.14
571-35495	B	#10	12 - 10	.40	.36	.33
Flanged Spade						
571-324605	C	#2	22 - 16	.22	.20	.18
571-320749	C	#6	22 - 16	.22	.20	.18
571-320856	C	#8	16 - 14	.11	.092	.07
Butt Spade						
571-31818	D	- - -	22 - 16	.12	.10	.073
571-31819	D	- - -	16 - 14	.14	.120	.089
571-32151	D	- - -	12 - 10	.24	.120	.092

AMP CRIMP TOOLS FOR SOLDERLESS TERMINALS

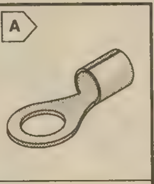
eavy duty or small task tool designed with crimper, cutter, and stripper all in one.

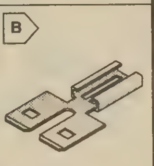
MOUSER STOCK NO.	Description	Price Each
571-3549401	Procrimper II without dies	65.00
571-584231	Die set for Procrimper II	39.00

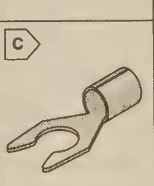


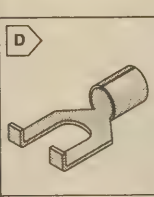
Crimps all terminals

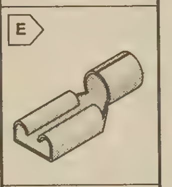
SOLDERLESS TERMINALS

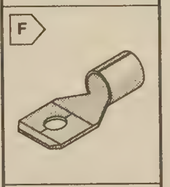


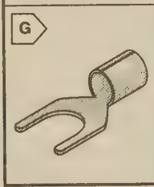












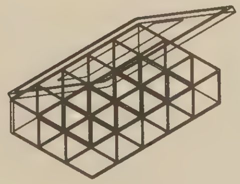
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Stud Size	Wire Size (AWG)	Price Each			
				1	100	1000	5000
Ring Terminals Non-Insulated							
159-2222	A	#4	22 - 16	.09	.056	.048	.038
159-2223	A	#6	22 - 16	.09	.056	.048	.038
159-2224	A	#8	22 - 16	.09	.056	.048	.038
159-2227	A	#10	22 - 16	.09	.059	.052	.039
159-2229	A	1/4"	22 - 16	.09	.059	.052	.039
159-2231	A	5/16"	22 - 16	.09	.059	.052	.039
159-1627	A	#4	16 - 14	.10	.067	.055	.040
159-1629	A	#6	16 - 14	.10	.067	.055	.040
159-1631	A	#8	16 - 14	.10	.067	.055	.040
159-1632	A	#10	16 - 14	.10	.067	.055	.040
159-1633	A	1/4"	16 - 14	.16	.097	.082	.064
159-1634	A	5/16"	16 - 14	.16	.097	.082	.064
159-1217	A	#8	12 - 10	.20	.115	.101	.081
159-1218	A	#10	12 - 10	.20	.115	.101	.081
159-1219	A	1/4"	12 - 10	.28	.152	.130	.101
159-1220	A	5/16"	12 - 10	.28	.152	.130	.101
159-1221	A	3/8"	12 - 10	.28	.152	.130	.101
Double Male/Female Adapter							
159-1226	B	.250 x .032	- - - - - -	.20	.125	.106	.085
Locking Spade Terminals Non-Insulated							
159-2241	C	#6	22 - 16	.09	.056	.048	.038
159-2242	C	#8	22 - 16	.09	.056	.048	.038
159-2243	C	#10	22 - 16	.09	.068	.058	.039
159-1644	C	#6	16 - 14	.09	.068	.058	.045
159-1645	C	#8	16 - 14	.09	.068	.058	.045
159-1646	C	#10	16 - 14	.09	.068	.058	.045
Flange Spade Terminals Non-Insulated							
159-2244A	D	#6	22 - 16	.09	.056	.048	.038
159-2245	D	#8	22 - 16	.09	.056	.048	.038
159-2246	D	#10	22 - 16	.09	.059	.052	.039
159-1647	D	#6	16 - 14	.09	.059	.052	.039
159-1648	D	#8	16 - 14	.09	.059	.052	.039
159-1649	D	#10	16 - 14	.09	.059	.052	.039
Disconnects Non-Insulated							
159-2235	E	.110 x .020	22 - 16	.06	.032	.028	.023
159-2237	E	.187 x .020	22 - 16	.08	.046	.039	.031
159-2239A	E	.205 x .020	22 - 16	.08	.046	.039	.031
159-2240	E	.250 x .032	22 - 16	.12	.069	.060	.047
159-1640	E	.110 x .020	16 - 14	.06	.032	.028	.023
159-1641	E	.187 x .020	16 - 14	.08	.046	.040	.031
159-1642	E	.205 x .020	16 - 14	.08	.046	.040	.031
159-1643	E	.250 x .032	16 - 14	.12	.069	.060	.047
159-1224	E	.250 x .032	12 - 10	.12	.070	.060	.047
159-1650	F	.250 x .032	16 - 14	.08	.046	.039	.031
159-1225	F	.250 x .032	12 - 10	.12	.074	.063	.051
Spade Terminals Non-Insulated							
159-2232	G	#6	22 - 16	.09	.056	.048	.038
159-2233	G	#8	22 - 16	.09	.056	.048	.038
159-2234	G	#10	22 - 16	.10	.067	.058	.045
159-1635	G	#6	16 - 14	.10	.067	.058	.045
159-1637	G	#8	16 - 14	.10	.067	.058	.045
159-1639	G	#10	16 - 14	.10	.067	.058	.045
159-1222	G	#8	12 - 10	.17	.109	.093	.069
159-1223	G	#10	12 - 10	.17	.109	.093	.069

SOLDERLESS CONNECTOR KIT (Non-Insulated)

Features:

- 18 different connectors
- Fully assembled and keyed for easy use

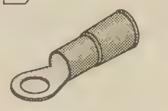


MOUSER STOCK NO.	No. of Pieces	Price Each
370-159-2	180	14.95

Contains 10 each per kit of the following:

Fig.	Description
A	3/8" 12-10 ring, #6 12-10 ring #8 16-14 ring, 1/4" 22-16 ring #6 22-16 ring
G	#10 12-10 spade #8 16-14 spade #6 22-16 spade
C	#10 16-14 locking spade #6 16-14 locking spade #10 22-16 locking spade #6 22-16 locking spade
D	#8 16-14 flanged spade #8 22-16 flanged spade
E	.250x.032 16-14 female disconnect .250x.032 22-16 female disconnect
F	.250x.032 16-14 male disconnect .250x.032 22-16 male disconnect

3M Terminals and Connectors

A

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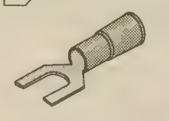
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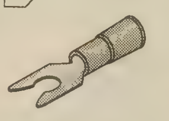
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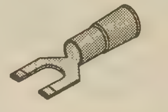
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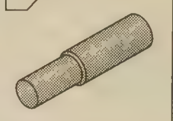
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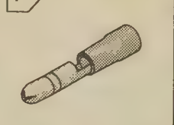
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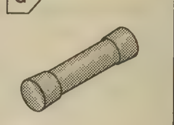
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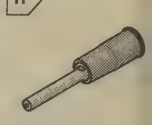
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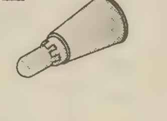
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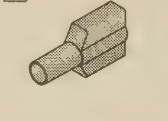
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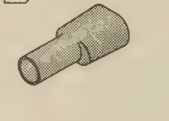
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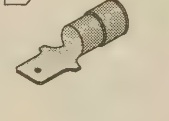
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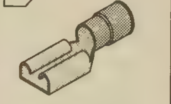
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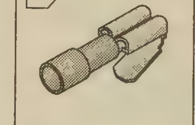
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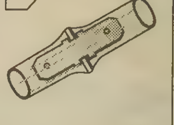
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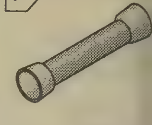
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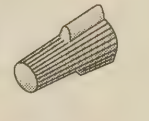
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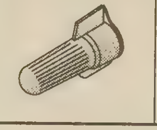
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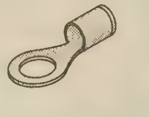
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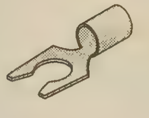
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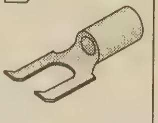
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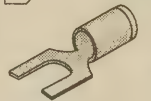
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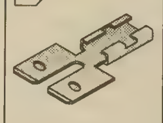
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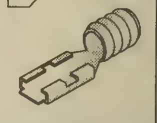
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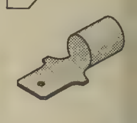


* Insulated terminals and Connectors are UL and CSA approved, except where indicated with an asterisk, which is UL approved.

INSULATED SOLDERLESS TERMINALS

MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each		
					1	100	1000
Ring Terminals							
517-2201	A	Red	1/4"	22-18	.15	.095	.081
517-2202	A	Red	5/16"	22-18	.15	.095	.081
517-2204A	A	Red	#4	22-18	.08	.042	.038
517-2206	A	Red	#6	22-18	.12	.081	.061
517-2208	A	Red	#8	22-18	.12	.07	.061
517-2210A	A	Red	#10	22-18	.09	.048	.043
517-1601	A	Blue	#4	16-14	.11	.067	.056
517-1602	A	Blue	1/4"	16-14	.16	.099	.085
517-1603	A	Blue	5/16"	16-14	.16	.099	.085
517-1606	A	Blue	#6	16-14	.12	.07	.061
517-1608	A	Blue	#8	16-14	.12	.07	.061
517-1610	A	Blue	#10	16-14	.12	.07	.061
517-1201	A	Yellow	#6	12-10	.16	.099	.085
517-1202	A	Yellow	#8	12-10	.18	.12	.099
517-1203	A	Yellow	#10	12-10	.18	.12	.099
517-1204	A	Yellow	1/4"	12-10	.25	.16	.138
517-1205	A	Yellow	5/16"	12-10	.29	.172	.15
517-1206	A	Yellow	3/8"	12-10	.29	.172	.15
Block Fork Terminals							
517-2226	B	Red	#6	22-18	.12	.07	.061
517-2228A	B	Red	#8	22-18	.09	.048	.043
517-2220	B	Red	#10	22-18	.12	.07	.061
517-1626	B	Blue	#6	16-14	.12	.07	.061
517-1628	B	Blue	#8	16-14	.12	.07	.061
517-1620	B	Blue	#10	16-14	.12	.07	.061
517-1207	B	Yellow	#8	12-10	.18	.12	.099
517-1208	B	Yellow	#10	12-10	.18	.12	.099
Locking Fork Terminals							
517-2203	C	Red	#6	22-18	.12	.07	.061
517-2207	C	Red	#8	22-18	.12	.07	.061
517-2209	C	Red	#10	22-18	.14	.073	.065
517-1605	C	Blue	#6	16-14	.13	.08	.064
517-1607	C	Blue	#8	16-14	.13	.08	.064
517-1609	C	Blue	#10	16-14	.13	.08	.064
Flanged Fork Terminals							
517-2236	D	Red	#6	22-18	.12	.07	.061
517-2238	D	Red	#8	22-18	.12	.07	.061
517-2230	D	Red	#10	22-18	.12	.07	.061
517-1636	D	Blue	#6	16-14	.12	.07	.061
517-1638	D	Blue	#8	16-14	.12	.075	.064
517-1630	D	Blue	#10	16-14	.12	.07	.061
Bullet Connectors							
517-2156	E	Red	.156	22-18	.14	.10	.085
517-1612	E	Blue	.156	16-14	.17	.09	.078
517-1613	E	Blue	.180	16-14	.15	.095	.081
517-3156	F	Red	.156	22-18	.12	.07	.061
517-1615	F	Blue	.156	16-14	.11	.067	.056
517-1616	F	Blue	.180	16-14	.12	.07	.061
Butt Connectors							
517-1622	G	Red	- - - -	22-18	.12	.07	.061
517-1614	G	Blue	- - - -	16-14	.12	.07	.061
517-1213	G	Yellow	- - - -	12-10	.22	.138	.115
Pin Terminals							
517-2213	H	Red	.080	22-18	.014	.08	.064
517-1617	H	Blue	.080	16-14	.013	.08	.064
517-1211	H	Yellow	.110	12-10	.28	.173	.15
Closed End Terminal (Nylon)							
517-1801	I	Red	- - -	- - -	.24	.15	.126
517-1802	I	Blue	- - -	- - -	.26	.16	.138

INSULATED SOLDERLESS TERMINALS

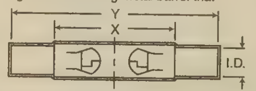
MOUSER STOCK NO.	Fig.	Color	Wire Size (AWG)	Tab Width (In.)	Price Each		
					1	100	1000
Couplers Fully Nylon Insulated (Male)							
517-3251	J	Red	22-18	.250x.032	.21	.17	.15
517-7251	J	Blue	16-14	.250x.032	.21	.17	.15
Couplers Fully Nylon Insulated (Female)							
517-3250	K	Red	22-18	.250x.032	.21	.17	.15
517-7250	K	Blue	16-14	.250x.032	.21	.17	.15
Disconnects (Male)							
517-2250	L	Red	22-18	.250x.032	.12	.07	.061
517-6250	L	Blue	16-14	.250x.032	.12	.07	.061
517-1210	L	Yellow	12-10	.250x.032	.13	.08	.064
Disconnects (Female)							
517-2187	M	Red	22-18	.187x.020	.12	.07	.061
517-2251	M	Red	22-18	.250x.032	.12	.07	.061
517-1604	M	Blue	16-14	.110x.020	.10	.085	.067
517-6187	M	Blue	16-14	.187x.020	.12	.07	.061
517-6251	M	Blue	16-14	.250x.032	.12	.07	.061
517-1209	M	Yellow	12-10	.250x.032	.14	.10	.085
Multi-Stack Disconnects							
517-2212	N	Red	22-18	.250x.032	.17	.09	.078
517-1611	N	Blue	16-14	.250x.032	.18	.12	.099
Adapter Male-Male Disconnects							
517-1502	O	- - -	- - -	.250x.032	.26	.16	.138
Adapter Bullet-Bullet							
517-1501	P	- - -	- - -	.156	.23	.138	.126

INSULATED SOLDERLESS TERMINALS

MOUSER STOCK NO.	Fig.	Color	Min. and Max. Wire Sizes (AWG)	Price Each		
				1	100	500
Hyflex Electrical Spring Connector						
* 517-212	Q	Tan	1 #15 to 1 #22, 3 #12, 4 #14	.09	.083	.078
Ranger Nylon Electrical Spring Connector						
517-312	R	Yellow	5-7 #22, 3-6 #20, 2-6 #18 or 16, 1-4 #14, 1-3 #12	.09	.083	.078
517-512	R	Red	2-10 #18, 1-6 #14, 1-5 #12, 1-3 #10, 1-2 #8, 1 #6	.12	.07	.061

SOLDER SPLICE CONNECTORS

This solder splice connector allows multiple wires to be soldered, insulated, and environmentally sealed in one easy step. The outer layer is tinted, translucent, polyolefin heat shrink tubing lined with hot melt sealant which provides both insulation and a moisture seal allowing for easy inspection of the solder connection. Inside the tubing is a wire locking metal barrel that holds a fluxed solder disk. When heat is applied: the solder disk melts, the tubings inner wall melts and flows forming the moisture seal, and the heat shrink forms the electrical insulation.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	AWG	X (In.)	Y (In.)	I.D. (In.)	Price Each		
						1	5	10
517-5400	Clear	28-20	0.57	1.00	0.12	.62	.58	.55
517-5401	Red	22-14	0.83	1.37	0.18	.64	.60	.56
517-5402	Blue	20-10	1.00	1.68	0.26	.75	.70	.65
517-5403	Yellow	16-8	1.25	2.00	0.33	.98	.92	.86

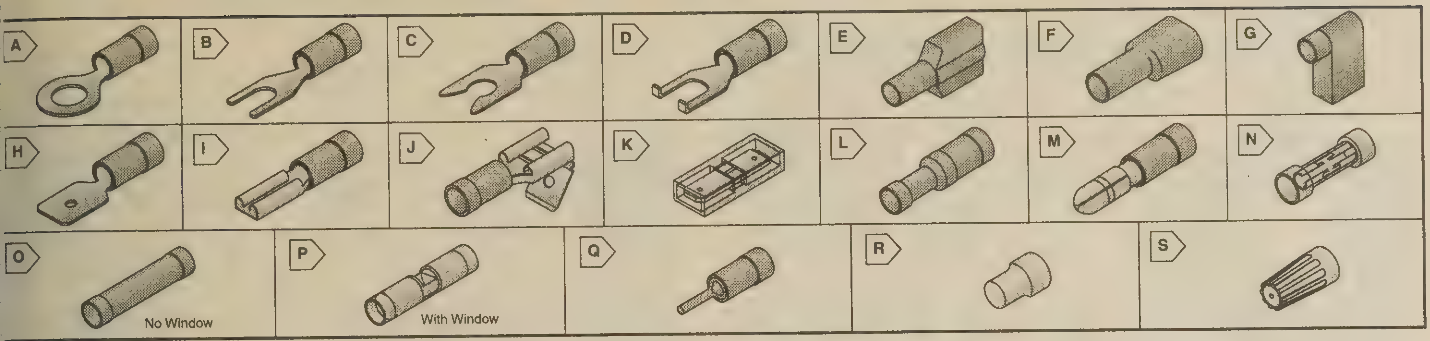
NON-INSULATED SOLDERLESS TERM

MOUSER STOCK NO.	Fig.	Stud Size	Wire Size (AWG)	Price Each			
				1	100	1000	500
Ring Terminals							
517-2222	S	#4	22-18	.08	.049	.042	.03
517-2223	S	#6	22-18	.08	.049	.042	.03
517-2224	S	#8	22-18	.08	.049	.042	.03
517-2227	S	#10	22-18	.08	.051	.045	.03
517-2229	S	1/4"	22-18	.10	.052	.046	.04
517-2231	S	5/16"	22-18	.10	.052	.046	.04
517-1627	S	#4	16-14	.09	.058	.048	.03
517-1629	S	#6	16-14	.09	.058	.048	.03
517-1631	S	#8	16-14	.09	.058	.048	.03
517-1632	S	#10	16-14	.09	.058	.048	.03
517-1633	S	1/4"	16-14	.14	.084	.071	.05
517-1634	S	5/16"	16-14	.14	.084	.071	.05
517-1216	S	#6	12-10	.14	.088	.076	.06
517-1217	S	#8	12-10	.17	.10	.088	.07
517-1218	S	#10	12-10	.17	.10	.088	.07
517-1219	S	1/4"	12-10	.24	.132	.113	.08
517-1220	S	5/16"	12-10	.24	.132	.113	.08
517-1221	S	3/8"	12-10	.24	.132	.113	.08
Locking Fork Terminals							
517-2241	T	#6	22-18	.08	.049	.042	.03
517-2242	T	#8	22-18	.08	.049	.042	.03
517-2243	T	#10	22-18	.08	.059	.05	.03
517-1644	T	#6	16-14	.08	.059	.05	.03
517-1645	T	#8	16-14	.08	.059	.05	.03
517-1646	T	#10	16-14	.08	.059	.05	.03
Flanged Fork Terminals							
517-2244	U	#6	22-18	.08	.049	.042	.03
517-2245	U	#8	22-18	.08	.049	.042	.03
517-2246	U	#10	22-18	.08	.051	.045	.03
517-1647	U	#6	16-14	.08	.051	.045	.03
517-1648	U	#8	16-14	.08	.051	.045	.03
517-1649	U	#10	16-14	.08	.051	.045	.03
Block Fork Terminals							
517-2232	V	#6	22-18	.08	.049	.042	.03
517-2233	V	#8	22-18	.08	.049	.042	.03
517-2234	V	#10	22-18	.09	.058	.05	.03
517-1635	V	#6	16-14	.09	.058	.05	.03
517-1637	V	#8	16-14	.09	.058	.05	.03
517-1639	V	#10	16-14	.09	.058	.05	.03
517-1222	V	#8	12-10	.15	.095	.081	.06

NON-INSULATED SOLDERLESS TERM.

MOUSER STOCK NO.	Fig.	Tab Width (In.)	Wire Size (AWG)	Price Each			
				1	100	1000	500
Double Male/Female Terminals							
517-1226	W	.250x.032	- - -	.17	.109	.092	.074
Disconnects							
517-2237	X	.187x.020	22-18	.07	.04	.034	.027
517-2240	X	.250x.032	22-18	.10	.06	.052	.041
517-1640	X	.110x.020	16-14	.05	.028	.024	.02
517-1641	X	.187x.020	16-14	.07	.04	.035	.027
517-1643	X	.250X.032	16-14	.10	.06	.052	.041
517-2247	Y	.250X.032	22-18	.07	.04	.034	.027
517-1650	Y	.250X.032	16-14	.07	.04	.034	.027
517-1225	Y	.250X.032	12-10	.10	.064	.055	.044

Insulated Terminals and Connectors



ing Terminals Vinyl Insulated

E96029

MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each		
					1	100	1000
159-2201	A	Red	1/4"	22-16	.17	.109	.093
159-2202	A	Red	5/16"	22-16	.17	.109	.093
159-2204	A	Red	#4	22-16	.14	.081	.070
159-2206	A	Red	#6	22-16	.14	.081	.070
159-2208	A	Red	#8	22-16	.14	.081	.070
159-2210	A	Red	#10	22-16	.14	.081	.070
159-1601	A	Blue	#4	16-14	.13	.077	.064
159-1602	A	Blue	1/4"	16-14	.18	.114	.098
159-1603	A	Blue	5/16"	16-14	.18	.114	.098
159-1606	A	Blue	#6	16-14	.14	.081	.070
159-1608	A	Blue	#8	16-14	.14	.081	.070
159-1610	A	Blue	#10	16-14	.14	.081	.070
159-1201	A	Yellow	#6	12-10	.18	.114	.098
159-1202	A	Yellow	#8	12-10	.21	.138	.114
159-1203	A	Yellow	#10	12-10	.21	.138	.114
159-1204	A	Yellow	1/4"	12-10	.29	.184	.159
159-1205	A	Yellow	5/16"	12-10	.33	.198	.173
159-1206	A	Yellow	3/8"	12-10	.33	.198	.173

pade Terminals Vinyl Insulated

159-2226	B	Red	#6	22-16	.14	.081	.070
159-2228	B	Red	#8	22-16	.14	.081	.070
159-2220	B	Red	#10	22-16	.14	.081	.070
159-1626	B	Blue	#6	16-14	.14	.081	.070
159-1628	B	Blue	#8	16-14	.14	.081	.070
159-1620	B	Blue	#10	16-14	.14	.081	.070
159-1207	B	Yellow	#8	12-10	.21	.138	.114
159-1208	B	Yellow	#10	12-10	.21	.138	.114

ocking Spade Terminals Vinyl Insulated

159-2203	C	Red	#6	22-16	.14	.081	.070
159-2207	C	Red	#8	22-16	.14	.081	.070
159-2209	C	Red	#10	22-16	.14	.081	.070
159-1605	C	Blue	#6	16-14	.15	.092	.074
159-1607	C	Blue	#8	16-14	.15	.092	.074
159-1609	C	Blue	#10	16-14	.15	.092	.074

langed Spade Terminals Vinyl Insulated

159-2236	D	Red	#6	22-16	.14	.081	.070
159-2238	D	Red	#8	22-16	.14	.081	.070
159-2230	D	Red	#10	22-16	.14	.081	.070
159-1636	D	Blue	#6	16-14	.14	.081	.070
159-1638	D	Blue	#8	16-14	.14	.081	.070
159-1630	D	Blue	#10	16-14	.14	.081	.070

Couplers (Male) Nylon Insulated

MOUSER STOCK NO.	Fig.	Color	Wire Size (AWG)	Tab Width (In.)	Price Each		
					1	100	1000
159-3251	E	Red	22-16	.250x.032	.24	.196	.173
159-7251	E	Blue	16-14	.250x.032	.24	.196	.173

Couplers (Female) Vinyl Insulated

159-2215	F	Red	22-16	.250x.032	.17	.109	.093
159-1618	F	Blue	16-14	.250x.032	.17	.109	.093

Couplers (Female) Nylon Insulated

159-3250	F	Red	22-16	.250x.032	.24	.196	.173
159-7250	F	Blue	16-14	.250x.032	.24	.196	.173

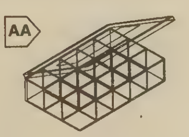
Flag Disconnects (Female) Nylon Insulated

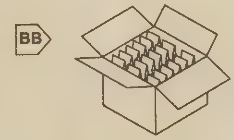
159-2225	G	Red	22-16	.250x.032	.24	.196	.173
159-1625	G	Blue	16-14	.250x.032	.24	.196	.173

∗Insulated Terminals and Connectors are UL and CSA approved, except where indicated with an asterisk, which is UL approved.

Solderless Connector Kit
(Insulated)

Features:
- 18 different connectors
- Fully assembled and keyed for easy use


AA


BB

MOUSER STOCK NO.	Fig.	No. of Pieces	Price Each
370-159-1	AA	180	14.95
370-159-1C	BB	1800	129.95

Kit Contents

370-159-1 contains 10 each per kit
370-159-1C contains 100 each per kit
of the following:

Description	Fig.
#6 16-22 red ring #8 14-16 blue ring #10 16-22 red ring	A
#6 16-22 red spade #8 14-16 blue spade #10 16-22 red spade	B
#6 16-22 red flanged spade #8 14-16 blue flanged spade #10 16-22 red flanged spade	D
1/4" 16-22 red Nylon male coupler	E
1/4" 16-22 red nylon Female coupler	F
1/4" 14-16 blue nylon Female flag disconnect	G
1/4" 14-16 blue Male disconnect	H
1/4" 14-16 blue Female disconnect	I
.156" 16-22 red Female bullet	L
.156" 16-22 red Male bullet	M
16-22 red butt connector 14-16 blue butt connector	Q

Disconnects Vinyl Insulated

MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each		
					1	100	1000
159-2250	H	Red	.250x.032	22-16	.14	.081	.070
159-6250	H	Blue	.250x.032	16-14	.14	.081	.070
159-1210	H	Yellow	.250x.032	22-10	.15	.092	.074
159-2211	I	Red	.11x.020	22-16	.14	.081	.070
159-2187	I	Red	.187x.020	22-16	.14	.081	.070
159-2205	I	Red	.20x.020	22-16	.14	.081	.070
159-2251	I	Red	.250x.032	22-16	.14	.081	.070
159-1604	I	Blue	.110x.020	16-14	.12	.098	.077
159-6187	I	Blue	.187x.020	16-14	.14	.081	.070
159-6205	I	Blue	.20x.020	16-14	.14	.081	.070
159-6251	I	Blue	.250x.032	16-14	.14	.081	.070
159-1209	I	Yellow	.250x.032	12-10	.16	.115	.098
159-2212	J	Red	.250x.032	22-16	.20	.104	.090
159-1611	J	Blue	.250x.032	16-14	.21	.138	.114

Adapter- Male to Male Disconnect Vinyl Insulated

159-1502	K	Clear	- - - -	.250x.032	.30	.184	.159

Bullet Connectors Vinyl Insulated

∗ Not UL Listed

	MOUSER STOCK NO.	Fig.	Color	Stud Size	Wire Size (AWG)	Price Each		
						1	100	1000
∗	159-2156	L	Red	.157	22-16	.16	.115	.098
∗	159-3156	M	Red	.157	22-16	.14	.081	.070
∗	159-1612	L	Blue	.157	16-14	.20	.104	.090
∗	159-1613	L	Blue	.195	16-14	.17	.109	.093
∗	159-1615	M	Blue	.157	16-14	.13	.077	.064
∗	159-1616	M	Blue	.195	16-14	.14	.081	.070

Adapter- Bullet to Bullet Connector Vinyl Insulated

159-1501	N	Yellow	.156	- - - - -	.26	.159	.145

Butt Connectors Vinyl Insulated

159-1622	O	Red	- - - -	22-16	.14	.081	.070
159-1614	O	Blue	- - - -	16-14	.14	.081	.070
159-1213	O	Yellow	- - - -	12-10	.25	.159	.132
159-1651	P	Blue	- - - -	16-14	.67	.414	.345
159-1227	P	Yellow	- - - -	12-10	.89	.552	.463
159-2252	P	Red	- - - -	12-16	.66	.409	.345

Pin Terminals Vinyl Insulated

159-2213	Q	Red	.074	22-16	.15	.092	.074
159-1617	Q	Blue	.074	16-14	.15	.092	.074
159-1211	Q	Yellow	.110	12-10	.32	.199	.173

Closed End Terminals Vinyl Insulated

† 2x18 AWG or 1x8 AWG

159-1801	R	- - - - -	- - - -	12-10	.28	.173	.145
159-1802	R	- - - - -	- - - -	18-8†	.30	.184	.159

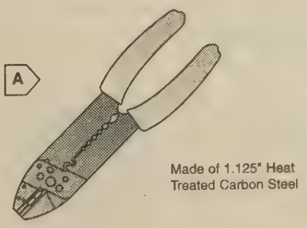
Wire Nuts

159-2216	S	Gray	- - - -	22-16	.14	.081	.070
159-2214	S	Orange	- - - -	22-14	.12	.081	.070
159-1803	S	Yellow	- - - -	18-12	.17	.109	.093
159-1804	S	Red	- - - -	18-10	.22	.132	.115

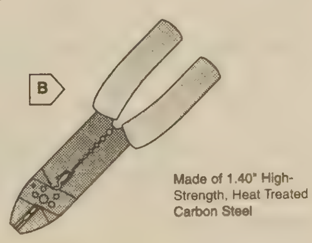
3M CRIMP TOOLS FOR SOLDERLESS TERMINALS

Features:
- Crimps, cuts and strips
- Crimps both insulated ad non-insulated solderless terminals

MOUSER STOCK NO.	Fig.	Description	Price Each
517-TH-440	A	Standard crimp tool for 22-10 AWG	16.34
517-TH-450	B	Heavy duty tool for 26-6 AWG	28.46



Made of 1.125" Heat Treated Carbon Steel



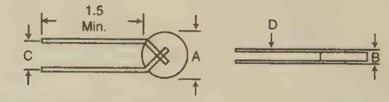
Made of 1.40" High-Strength, Heat Treated Carbon Steel

Thermistors and Sensors

NTC THERMISTORS

NTC (Negative Temperature Coefficient) thermistors decrease in resistance as temperature increases. The maximum operating temperature is 150°C. Zero-power resistance values at 25°C range from 10Ω to 250KΩ; other values available upon request.

Resistance tolerance is ±10%, except where denoted by an asterisk (*) which is ±20%



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Keystone Type	Ohms (Ω)	A (In.)	B (In.)	C (In.)	D (AWG)	Price Each	
							1	10
* 527-1004-100	RL1004-65.6-59D1	100	.110	.120	.100	26	2.29	2.09
527-1003-500	RL1003-312-73-D1	500	.110	.110	.100	26	2.27	2.06
527-1007-1K	RL1007-624-73-D1	1K	.110	.150	.100	26	2.27	2.06
527-1003-2K	RL1003-1157-95-D1	2K	.110	.110	.100	26	2.27	2.06
527-1003-3K	RL1003-1746-97-D1	3K	.110	.110	.100	26	2.27	2.06
527-1004-5K	RL1004-2910-97-D1	5K	.110	.120	.100	26	2.27	2.06
527-1009-10K	RL1009-5820-97-D1	10K	.110	.170	.100	26	2.27	2.06
527-1005-10K	RL1005-5744-103-D1	10K	.110	.130	.100	26	2.27	2.06
527-1007-25K	RL1007-13.8K-120-D1	25K	.110	.150	.100	26	2.36	2.15
527-1003-50K	RL1003-26.7K-140-D1	50K	.110	.110	.100	26	2.36	2.15
527-1006-100K	RL1006-53.4K-140-D1	100K	.110	.140	.100	26	2.36	2.15
527-1004-200K	RL1004-104.7K155-D1	200K	.110	.120	.100	26	2.36	2.15
527-1006-250K	RL1006-135.2K-138-D1	250K	.110	.140	.100	26	2.36	2.15
* 527-2004-25	RL2004-16.4-59-D1	25	.220	.130	.156	24	1.97	1.79
* 527-2007-50	RL2007-32.8-59-D1	50	.220	.160	.156	24	1.97	1.79
527-2003-100	RL2003-62.4-73-D1	100	.220	.120	.156	24	1.95	1.77

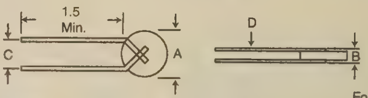
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Keystone Type	Ohms (Ω)	A (In.)	B (In.)	C (In.)	D (AWG)	Price Each	
							1	10
527-2006-200	RL2006-125-73-D1	200	.220	.150	.156	24	1.95	1.77
527-2003-500	RL2003-289-95-D1	500	.220	.120	.156	24	1.95	1.77
527-2004-1K	RL2004-582-97-D1	1K	.220	.130	.156	24	1.95	1.77
527-2007-2K	RL2007-1164-97-D1	2K	.220	.160	.156	24	1.95	1.77
527-2006-2786	RL2006-1600-103-D1	2786	.220	.150	.156	24	1.95	1.77
527-2005-4K	RL2005-2203-120-D1	4K	.220	.140	.156	24	2.07	1.88
527-2006-5K	RL2006-2753-120-D1	5K	.220	.150	.156	24	2.07	1.88
527-2012-10K	RL2012-5506-120-D1	10K	.220	.210	.156	24	2.12	1.93
527-2006-25K	RL2006-13.3K-140-D1	25K	.220	.150	.156	24	2.07	1.88
527-2008-100K	RL2008-52.3K-155-D1	100K	.220	.170	.156	24	2.07	1.88
* 527-3004-10	RL3004-6.56-59-D1	10	.320	.130	.250	24	2.00	1.82
527-3504-50	RL3504-31.2-73-D1	50	.370	.130	.250	24	1.98	1.80
527-3006-100	RL3006-59.4-85-D1	100	.320	.150	.250	24	1.98	1.80
527-3004-250	RL3004-144-95-D1	250	.320	.130	.250	24	1.98	1.80
527-3004-500	RL3004-291-97-D1	500	.320	.130	.250	24	1.98	1.80
527-3005-1K	RL3005-574-103-D1	1K	.320	.140	.250	24	1.98	1.80

INRUSH CURRENT LIMITERS

Limiters protect against extremely high peak inrush current, especially in AC/DC switching power supplies. These NTC thermistors effectively control surge currents because the thermal time constant of the current limiter is longer than the electrical time constant (RC) of the thermistor and the capacitor.

Also available, by special order, with kinked leads.



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

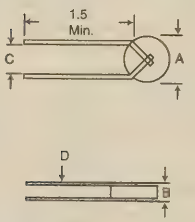
MOUSER STOCK NO.	Keystone Type	Ohms (Ω)	Amps	A Max. (In.)	B Max. (In.)	C Ref. (In.)	D (AWG)	Price Each		
								1	10	100
527-CL11	CL11	0.7	12	.77	.22	.328	18	2.17	1.97	1.58
527-CL30	CL30	2.5	8	.77	.22	.328	18	2.17	1.97	1.58
527-CL40	CL40	5	6	.77	.22	.328	18	2.17	1.97	1.58
527-CL50	CL50	7	5	.77	.26	.328	18	2.17	1.97	1.58
527-CL60	CL60	10	5	.77	.22	.328	18	2.17	1.97	1.58
527-CL70	CL70	16	4	.77	.22	.328	18	2.17	1.97	1.58
527-CL80	CL80	47	3	.77	.22	.328	18	2.17	1.97	1.58
527-CL90	CL90	120	2	.93	.22	.328	18	2.35	2.14	1.71
527-CL101	CL101	0.5	16	.93	.22	.328	18	2.35	2.14	1.71

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Keystone Type	Ohms (Ω)	Amps	A Max. (In.)	B Max. (In.)	C Ref. (In.)	D (AWG)	Price Each		
								1	10	100
527-CL110	CL110	10	3.2	.40	.17	.250	24	2.04	1.85	1.48
527-CL120	CL120	10	1.7	.40	.17	.250	24	2.04	1.85	1.48
527-CL130	CL130	50	1.6	.45	.17	.250	24	2.04	1.85	1.48
527-CL140	CL140	50	1.1	.45	.17	.250	24	2.04	1.85	1.48
527-CL150	CL150	5	4.7	.55	.18	.328	22	2.06	1.87	1.50
527-CL160	CL160	5	2.8	.55	.18	.328	22	2.06	1.87	1.50
527-CL170	CL170	16	2.7	.55	.18	.328	22	2.06	1.87	1.50
527-CL180	CL180	16	1.7	.55	.18	.328	22	2.06	1.87	1.50
527-CL190	CL190	25	2.4	.55	.18	.328	22	2.06	1.87	1.50
527-CL200	CL200	25	1.7	.55	.18	.328	22	2.06	1.87	1.50
527-CL210	CL210	30	1.5	.40	.20	.250	24	2.04	1.85	1.48

PTC THERMISTORS

The values for dissipation constant and time constant listed in the table below are reference values. Actual values are a function of mounting, air flow and other factors which affect the PTC's (Positive Temperature Coefficient) ability to dissipate heat. Standard PTC's are supplied uninsulated, but can be supplied with an insulation upon request.



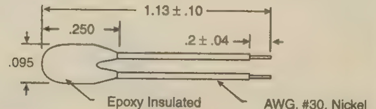
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Keystone Type	Operating Voltage	Ohms (Ω) @ 25°C ±30%	Dissipation Constant mW/°C	Transition Temp. °C T_S	A (In.)	B (In.)	C (In.)	D (AWG)	Price Each		
										1	10	100
527-5305-12V1	RL5305-1-120-12-PTO	12	1	14	120	.60	.15	.33	20	2.53	2.30	1.84
527-5305-12V2	RL5305-2-120-12-PTO	12	2	14	120	.60	.16	.33	20	2.53	2.30	1.84
527-3005-12V10	RL3005-10-110-12-PTO	12	10	7	110	.35	.15	.25	24	2.28	2.07	1.66
527-3005-12V25	RL3005-25-110-12-PTO	12	25	7	110	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/40C	RL3006-50-40-25-PTO	25	50	7	40	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/50C	RL3006-50-50-25-PTO	25	50	7	50	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/60C	RL3006-50-60-25-PTO	25	50	7	60	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/70C	RL3006-50-70-25-PTO	25	50	7	70	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/80C	RL3006-50-80-25-PTO	25	50	7	80	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/90C	RL3006-50-90-25-PTO	25	50	7	90	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/110C	RL3006-50-110-25-PTO	25	50	7	110	.35	.15	.25	24	2.28	2.07	1.66
527-3006-25V50/120C	RL3006-50-120-25-PTO	25	50	7	120	.35	.15	.25	24	2.28	2.07	1.66
527-5506-50V5	RL5506-5-65-50-PTO	50	5	14	65	.60	.18	.33	20	2.53	2.30	1.84
527-4006-50V10	RL4006-10-110-50-PTO	50	10	10	110	.45	.17	.25	24	2.68	2.44	1.95
527-4010-50V50	RL4010-50-110-50-PTO	50	50	12	110	.45	.20	.33	22	2.53	2.30	1.84
527-3312-50V200	RL3312-200-110-50-PTO	50	200	9	110	.40	.23	.25	20	2.68	2.44	1.95
527-7510-120V10	RL7510-10-120-120-PTO	120	10	20	120	.80	.23	.33	18	2.99	2.72	2.18
527-6010-120V20	RL6010-20-120-120-PTO	120	20	18	120	.65	.23	.33	20	2.57	2.33	1.87
527-5510-120V25	RL5510-25-60-120-PTO	120	25	15	60	.60	.22	.33	20	2.57	2.33	1.87
527-4510-120V50	RL4510-50-120-120-PTO	120	50	12	120	.50	.20	.33	22	2.53	2.30	1.84
527-63-240V40/110C	RL6315-40-110-240-PTO	240	40	18	110	.65	.27	.33	18	2.68	2.44	1.95
527-55-240V50/65C	RL5515-50-65-240-PTO	240	50	17	65	.60	.27	.33	20	2.68	2.44	1.95
527-60-240V100/120C	RL6015-100-120-240-PTO	240	100	18	120	.65	.27	.33	20	2.68	2.44	1.95
527-3020-240V1.5K	RL3020-1500-100-240-PTO	240	1.5K	12	100	.35	.31	.25	20	2.68	2.44	1.95
527-7020-480V1K	RL7020-1K-100-480-PTO	480	1K	18	100	.75	.32	.33	18	2.99	2.72	2.18
527-5020-480V2K	RL5020-2K-100-480-PTO	480	2K	15	100	.55	.32	.33	18	2.53	2.30	1.84
527-3020-480V5K	RL3020-5K-100-480-PTO	480	5K	12	100	.35	.31	.25	20	2.68	2.44	1.95

MINIATURE SENSORS 1°C ACCURACY

- Temperature accuracy: ±1°C @ 25°C
- Dissipation constant: 1.4mW/°C
- Time constant: 15 sec.
- Operating range: -50°C to +150°C



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ro @ 25°C	Temp. Coef. %/°C @ 25°c	Material	Price Each		
				1	10	100
527-0503-2K	2K	-3.83	MS73	2.05	1.98	1.73
527-0503-5K	5K	-4.43	MS95	2.05	1.98	1.73
527-0503-10K	10K	-4.40	MS97	2.05	1.98	1.73

For quantities greater than listed, call for quote.

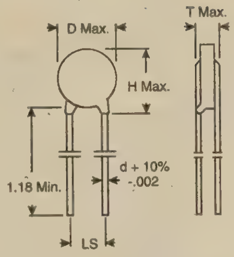
MOUSER STOCK NO.	Ro @ 25°C	Temp. Coef. %/°C @ 25°c	Material	Price Each		
				1	10	100
527-0503-30K	30K	-4.32	MS96	2.05	1.98	1.73
527-0503-50K	50K	-4.84	MS120	2.05	1.98	1.73
527-0503-100K	100K	-4.78	MS122	2.05	1.98	1.73

Varistors

AVX METAL OXIDE VARISTORS VE SERIES

pplications:

Transient suppression in automotive environments (such as ignition pulses, alternator field, mutual harness coupling, inductive load switching fan, heater and booster starts)
Consumer appliances connected to 110 or 220 VAC lines
Protection of expensive semiconductor components
Protection of industrial equipment and motors endangered by AC line transients (computers, traffic controls, ground fault interrupters, etc.)
Protection of equipment connected to telephone or signal lines, such as railroad and communications equipment, security and fire alarm systems
Voltage regulation and ARC suppression across relay contacts
Additional uses are found in instrumentation to protect input terminals from encountering destructive high voltages



Features:

- Superior response time of less than 25 ns
- Maximum clamping voltage up to 1350V
- Superior clamping characteristics
- Three different case sizes
- Voltage range from 48 through 510 VRMS
- Polycrystaline zinc oxide dielectric
- Standardized lead spacings

✱ File No.
E84108 (S)

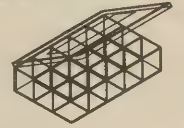
DIMENSIONS (IN.)

Size	D Max (In.)	H Max (In.)	d (In.)	LS (In.)	T Max (In.)
A	.354	.472	.024	.200	.177
C	.669	.787	.031	.300	.197
D	.945	1.060	.031	.300	.197

METAL OXIDE VARISTOR KIT

Contains:

3 each, VZA Series: 48, 130, 150 (Vrms)
3 each, VZC Series: 130, 150 (Vrms)
2 each, VZC Series: 250 (Vrms)
2 each, VZD Series: 130, 150, 275, 510 (Vrms)



370-MOV-1	**$ 32.95**

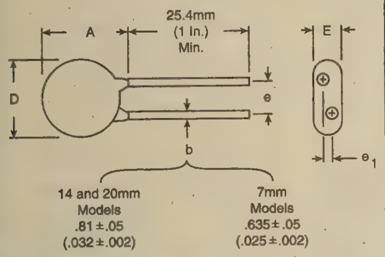
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Manufacturer Part No.	Maximum Operating Voltage (Vrms)	Maximum Clamping Voltage (8 x 20µs)		Energy (Joules) (10 x 1000µs) Number of Surges		Permissible Peak Current (8 x 20µs)	Typical Capacitance f = 1k Hz	Typical Power	Case Size	Price Each			
			Vp (V)	Ip(A)	1	10	2 Surges	pF	Watts		1	100	500	1000
581-VE09030K	VE09M00300K	30	93	2.5	2	1	125	1050	0.02	A	.31	.24	.20	.17
581-VZA048XX	VE09M00480K	48	135	10	4	1.6	600	530	0.2	A	.31	.24	.20	.17
581-VZA075XX	VE09M00750K	75	200	10	6	1.8	600	400	0.2	A	.31	.24	.20	.17
581-VZA130XX	VE09M00131K	130	340	10	11	4	600	250	0.2	A	.31	.24	.20	.17
581-VZC130XX	VE17M00131K	130	340	50	38	25	2500	1000	0.6	C	.72	.55	.46	.39
581-VZD130XX	VE24M00131K	130	340	100	70	46	4000	2500	0.8	D	1.24	.94	.79	.69
581-VZA150XX	VE09M00151K	150	400	10	13	4.1	600	220	0.2	A	.31	.24	.20	.17
581-VZC150XX	VE17M00151K	150	400	50	45	30	2500	850	0.6	C	.72	.55	.46	.39
581-VZD150XX	VE24M00151K	150	400	100	80	56	4000	2000	0.8	D	1.24	.94	.79	.69
581-VZA250XX	VE09M00251K	250	645	10	21	7.3	600	130	0.2	A	.31	.24	.20	.17
581-VZC250XX	VE17M00251K	250	645	50	72	39	2500	500	0.6	C	.72	.55	.46	.39
581-VZA275XX	VE09M02750K	275	710	10	23	7.4	600	120	0.2	A	.31	.24	.20	.17
581-VZC275XX	VE17M02750K	275	710	50	75	40	2500	450	0.6	C	.72	.55	.46	.39
581-VZD275XX	VE24M02750K	275	710	100	140	105	4000	1200	0.8	D	1.24	.94	.79	.69
581-VZD510XX	VE24M00511K	510	1350	100	200	150	4000	550	0.8	D	1.24	.94	.79	.69

Littelfuse® METAL OXIDE VARISTORS LA SERIES

arris varistors are voltage dependent, symmetrical, metal-oxide semiconductor devices. Their characteristics enable them to protect against high transient voltage spikes (when properly selected) to meet anticipated loads. When the rotected equipment or circuit encounters high voltage spikes, the varistor impedance changes from a very high standby value to a very low conducting value, thus clamping the transient voltage to a protective level. The excess energy of e incoming high voltage pulse is absorbed by the Harris varistor, protecting voltage sensitive components against damage.

DIMENSIONS: mm (IN.)



Features:

- Wide voltage / energy range
- Excellent clamp ratio
- Fast response time
- Low standby power
- No follow-on current
- Radial package
- Line voltage operation
- UL recognized

Outline Dimensions

Symbol	Varistor Model	
	V130LA V320LA	V480LA V575LA
e_1 + 1mm - (.039)	2.5 (.098)	4.0 (.157)
E(max)	5.6 (.220)	7.3 (.287)

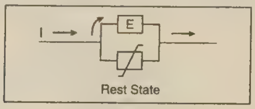
Symbol	Dimensions: mm (In.) Varistor Model Size		
	7mm	14mm	20mm
A (max)	11.7 (0.461)	18.9 (0.744)	25.5 (1.01)
D (max)	8.7 (0.343)	16.4 (0.646)	22.5 (0.886)
e + 1mm - (.039)	5.0 (0.197)	7.5 (0.296)	7.5 (0.296)
Typical Weight (grams)	0.5	2	3

For quantities greater than listed, call for quote.

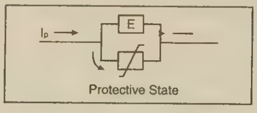
GE Number	MOUSER STOCK NO.	Size Disc Dia. (mm)	Device Marking	Maximum Ratings (25°C)				Characteristics					Typical Capaci-tance @ f=1MHz (pF)	Price Each			
				Continuous		Transient		VNOM Varistor Peak Voltage			Max. Clamping Voltage VC @ Test Current (8x20µs)						
				RMS Voltage	DC Voltage	Energy (10/1000µs)	Peak Cur (8/20µs)	Min.	Max @ 1mA DC	Max @ 1mA AC	Vc	Ip		1	100	500	1000
				Volts	Volts	Joules	Amps	Volts	Volts	Volts	Volts	Volts					
V130LA1	570-V130LA1	7	1301	130	175	7	800	184	255	273	390	10	180	.32	.30	.27	.26
V130LA2	570-V130LA2	7	1302	130	175	10	1200	184	232	254	340	10	180	.36	.33	.31	.28
V130LA10A	570-V130LA10A	14	130L10	130	175	35	4500	184	232	254	340	50	1000	.60	.54	.50	.47
V130LA20A	570-V130LA20A	20	130L20	130	175	70	6500	184	232	254	340	100	1900	.79	.73	.67	.62
V130LA20B	570-V130LA20B	20	130L20B	130	175	70	6500	184	220	238	325	100	1900	.82	.75	.69	.65
V150LA1	570-V150LA1	7	1501	150	200	8	800	212	284	301	430	10	150	.36	.33	.31	.28
V150LA2	570-V150LA2	7	1502	150	200	11	1200	212	268	282	395	10	150	.36	.33	.31	.28
V150LA10A	570-V150LA10A	14	150L10	150	200	40	4500	212	268	282	395	50	800	.60	.54	.50	.47
V150LA20A	570-V150LA20A	20	150L20	150	200	80	6500	212	268	282	395	100	1600	.79	.73	.67	.62
V150LA20B	570-V150LA20B	20	150L20B	150	200	80	6500	212	243	255	360	100	1600	.82	.75	.69	.65
V250LA2	570-V250LA2	7	2502	250	330	12	800	354	453	509	730	10	110	.39	.36	.33	.31
V250LA4	570-V250LA4	7	2504	250	330	17	1200	354	429	472	650	10	110	.39	.36	.33	.31
V250LA20A	570-V250LA20A	14	250L20	250	330	70	4500	354	429	472	650	50	500	.60	.54	.50	.47
V250LA40A	570-V250LA40A	20	250L40	250	330	130	6500	354	429	472	650	100	1000	.79	.73	.67	.62
V275LA2	570-V275LA2	7	2752	275	369	14	800	389	515	579	775	10	100	.39	.36	.33	.31
V275LA20A	570-V275LA20A	14	275L20	275	369	75	4500	389	473	522	710	50	450	.60	.54	.50	.47
V275LA40A	570-V275LA40A	20	275L40	275	369	140	6500	389	473	522	710	100	900	.79	.73	.67	.62
V275LA40B	570-V275LA40B	20	275L40B	275	369	140	6500	389	473	495	680	100	900	.82	.75	.69	.65
V300LA4	570-V300LA4	7	3004	300	405	22	1000	420	517	579	775	10	90	.43	.40	.37	.34
V320LA20A	570-V320LA20A	14	320L20	320	420	90	4500	462	565	635	850	50	380	.74	.68	.63	.59
V320LA40B	570-V320LA40B	20	320L40	320	420	160	6500	462	540	580	810	100	750	.95	.88	.81	.75
V480LA40A	570-V480LA40A	14	480L40	480	640	105	4500	670	825	914	1240	50	450	.85	.78	.72	.66
V480LA80B	570-V480LA80B	20	480L80	480	640	180	6500	670	790	878	1160	100	900	1.16	1.06	.98	.90
V575LA40A	570-V575LA40A	14	575L40	575	730	120	4500	805	1000	1060	1500	50	370	1.16	1.06	.98	.90
V575LA80B	570-V575LA80B	20	575L80	575	730	220	6500	805	960	1010	1410	100	750	1.58	1.45	1.33	1.24

METAL OXIDE VARISTORS

The varistor's rest state has a high impedance (several megohms) in relation to the component to be protected and does not change the characteristics of the electric circuit. In the presence of transient voltage (over the breakdown voltage of varistor), the varistor then has a low impedance (a few ohms) and short circuits, i.e. the assembly E to be protected.

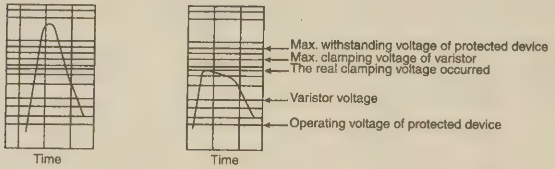


Rest State



Protective State

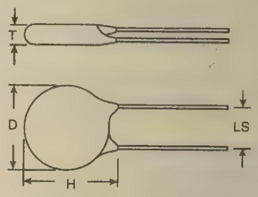
Surge suppression of varistor



Features:
- Fast response time
- Low leakage current
- Wide voltage and energy ratio
- Low standby power and no follow-on current
- High performance in surge current handling capability
- High performance in clamping voltage characteristics

Applications:
- IC diode, transistor thyristor, triac, and other semiconductor protection
- Suppression on main-borne transients in consumer electronics and industrial electronics
- Suppression of internally-generated spikes in electronics circuit
- Surge protection in communication, measuring, and controller electronics
- Surge protection in home appliances
- Relay surge absorption

DIMENSIONS (mm)



Dimensions (mm)	Series				
	5mm	7mm	10mm	14mm	20mm
D (max.)	6.5	8.4	11.5	15.6	21.8
L.S.	5.0	5.0	7.5	7.5	10
H (max.)	10.0	13.0	18	22	28
T (max.) ≤50V	4.4	4.4	4.9	5.0	5.5
60V - 300V	4.9	4.9	5.4	5.5	6.0
350V - 680V	- - -	- - -	8.4	8.5	9.0

5mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maximum Operating Voltage		Energy Joules (2ms)	Capacitance PF @ 1kHz	Max. Clamping Voltage V @ 5A	Surge Current (A)	Price Each			
	RMS	DC					1	100	500	1000
1492-50V05	50	65	2.8	255	145	400	.27	.23	.18	.10
1492-210V05	210	275	11.5	70	575	400	.27	.23	.18	.10
1492-275V05	275	350	16.5	55	745	400	.27	.23	.18	.10

7mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maximum Operating Voltage		Energy Joules (2ms)	Capacitance PF @ 1kHz	Max. Clamping Voltage V @ 5A	Surge Current (A)	Price Each			
	RMS	DC					1	100	500	1000
1492-11V07	11	14	1.2	2200	36	250	.25	.20	.18	.16
1492-30V07	30	38	3	1460	93	250	.25	.20	.18	.16
1492-50V07	50	65	5.5	510	135	600	.25	.20	.18	.16
1492-75V07	75	100	8	370	200	1200	.25	.20	.18	.16
1492-130V07	130	170	14.3	220	340	1200	.25	.20	.18	.16
1492-150V07	150	200	16.8	185	395	1200	.25	.20	.18	.16
1492-175V07	175	225	19.8	160	455	1200	.25	.20	.18	.16
1492-210V07	210	275	23	150	550	1200	.25	.20	.18	.16
1492-250V07	250	320	30	125	650	1200	.25	.20	.18	.16
1492-275V07	275	350	33	110	710	1200	.25	.20	.18	.16
1492-300V07	300	385	35	105	775	1200	.25	.20	.18	.16

10mm (E175422)

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Maximum Operating Voltage		Energy Joules (2ms)	Capacitance PF @ 1kHz	Max. Clamping Voltage V @ 5A	Surge Current (A)	Price Each			
	RMS	DC					1	100	500	100
1492-25V10	25	31	4.7	3030	77	500	.38	.31	.30	.16
1492-140V10	140	180	31	430	360	2500	.38	.31	.30	.16
1492-150V10	150	200	33.5	410	395	2500	.38	.31	.30	.16
1492-230V10	230	300	52	275	595	2500	.38	.31	.30	.16
1492-250V10	250	320	60	245	650	2500	.38	.31	.30	.16
1492-510V10	510	670	94	115	1355	2500	.40	.35	.32	.20
1492-550V10	550	745	102	105	1500	2500	.40	.35	.32	.20

14mm

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Maximum Operating Voltage		Energy Joules (2ms)	Capacitance PF @ 1kHz	Max. Clamping Voltage V @ 5A	Surge Current (A)	Price Each			
	RMS	DC					1	100	500	1000
1492-130V14	130	170	57	870	340	4500	.53	.43	.36	.22
1492-150V14	150	200	67	750	395	4500	.53	.43	.36	.22
1492-250V14	250	320	120	470	650	4500	.53	.43	.36	.22
1492-275V14	275	350	132	430	710	4500	.53	.43	.36	.22
1492-320V14	320	418	148	340	842	4500	.53	.43	.36	.22
1492-420V14	420	560	172	255	1120	4500	.53	.43	.36	.22
1492-485V14	485	640	184	225	1290	4500	.53	.43	.36	.22

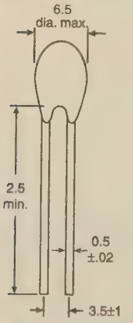
20mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maximum Operating Voltage		Energy Joules (2ms)	Capacitance PF @ 1kHz	Max. Clamping Voltage V @ 5A	Surge Current (A)	Price Each			
	RMS	DC					1	100	500	1000
1492-030V20	30	38	17	11700	93	2000	.71	.68	.62	.45
1492-130V20	130	170	114	1900	340	6500	.71	.68	.62	.45
1492-150V20	150	200	134	1590	395	6500	.71	.68	.62	.45
1492-250V20	250	320	240	985	650	6500	.71	.68	.62	.45
1492-275V20	275	350	264	890	710	6500	.71	.68	.62	.45
1492-320V20	320	418	296	760	842	6500	.89	.81	.73	.67

NTC THERMISTORS

B constant signifies the dimensions of the resistance changes against a temperature between two optional temperatures.

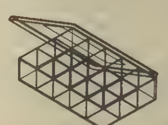


DIMENSIONS (mm)

- Temperature range: -40°C to +125°C
- Maximum power rating: 450mW (@ 25°C)
- Dissipation factor: 4.5mW/°C (@ 25°C)
- Heat resistant, and moisture proof
- Almost indefinite life
- Superior manufacturing process produces large quantities of homogeneous components

MOUSER STOCK NO.	(Ω) @ 25°C Value	B (K) (25°C/50°C) B-Constant	I (Max) @ 25°C (mA)	Price Each			
				1	100	500	1000
334-31101	100	3100	247.55	.66	.44	.37	.25
334-31201	200	3100	175.05	.66	.44	.37	.25
334-31301	300	3100	142.93	.66	.44	.37	.25
334-31501	500	3100	110.71	.66	.44	.37	.25
334-38102	1K	3800	105.13	.66	.44	.37	.25
334-38152	1.5K	3800	85.84	.66	.44	.37	.25
334-38202	2K	3800	74.34	.66	.44	.37	.25
334-39302	3K	3900	63.31	.66	.44	.37	.25
334-39502	5K	3900	49.04	.66	.44	.37	.25
334-42103	10K	4200	39.35	.66	.44	.37	.25
334-42153	15K	4200	32.13	.66	.44	.37	.25
334-42203	20K	4200	27.82	.66	.44	.37	.25
334-44503	50K	4400	19.14	.66	.44	.37	.25
334-45104	100K	4500	14.12	.66	.44	.37	.25
334-47204	200K	4700	10.86	.66	.44	.37	.25
334-47404	400K	4700	7.68	.66	.44	.37	.25

NTC THERMISTOR KIT



Contains 60 pieces
5 Each: 100, 200, 300, 500, 1K, 2K, 3K, 5K, 10K, 15K, 20K, 50K, Ω @ 25°C

MOUSER STOCK NO.	Price Each
370-NTC-T2	$29.95

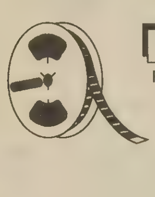
XICON™ Passive Components TransOhm

Surface Mount Resistors

% THICK FILM CHIP RESISTORS 0603/0805/1206 SIZE

eatures:
- High purity alumina substrate
- Wave or flow solderable
- Wrap around termination
- Excellent high frequency characteristics
- Tight temperature coefficient resistance
- Inner electrode protection
- Excellent mechanical strength
- Excellent electrical stability
- High quality thick film element
- Stable high frequency characteristics
- Reduced lead inductance

Common Specification:
- Temperature coefficient:
  100Ω and below: ±500ppm
  110Ω to 470KΩ: ±300ppm
  510KΩ to 3.3MΩ: ±500ppm
  3.6MΩ to 10MΩ: ±1000ppm



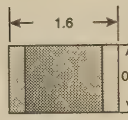
Resistor Pricing

Resistors ordered in lots of 1 reel per value can be combined with the same stock number range for lower price. Annual price agreements are also available. Call any Mouser Service Representative.

Available in Reels

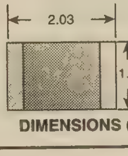
603 Case Style Specifications:

Rated power: 1/16W
Max working voltage: 50V
Max overload voltage: 100V
Operating temperature range:
-55°C to +125°C



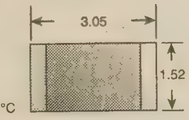
DIMENSIONS (mm)

0805 Case Style Specifications:
- Rated power: 1/10W
- Resistance tolerance: ±5%
- Max working voltage: 100V
- Max overload voltage: 200V
- Operating temperature: -55°C to +125°C



DIMENSIONS (mm)

1206 Case Style Specifications:
- Rated power: 1/8W
- Resistance tolerance: ±5%
- Max working voltage: 200V
- Max overload voltage: 300V
- Operating temperature: -55°C to +125°C



DIMENSIONS (mm)

Table of Values in Ω

0	1.8	3.6	6.8	13	27	51	100	200	390	750	1.5K	3K	5.6K	11K	22K	43K	82K	160K	330K	620K	1.2M	2.4M	4.7M	9.1M
1.0	2.0	3.9	7.5	15	30	56	110	220	430	820	1.6K	3.3K	6.2K	12K	24K	47K	91K	180K	360K	680K	1.3M	2.7M	5.1M	10M
1.1	2.2	4.3	8.2	16	33	62	120	240	470	910	1.8K	3.6K	6.8K	13K	27K	51K	100K	200K	390K	750K	1.5M	3M	5.6M	
1.2	2.4	4.7	9.1	18	36	68	130	270	510	1K	2K	3.9K	7.5K	15K	30K	56K	110K	220K	430K	820K	1.6M	3.3M	6.2M	
1.3	2.7	5.1	10	20	39	75	150	300	560	1.1K	2.2K	4.3K	8.2K	16K	33K	62K	120K	240K	470K	910K	1.8M	3.6M	6.8M	
1.5	3.0	5.6	11	22	43	82	160	330	620	1.2K	2.4K	4.7K	9.1K	18K	36K	68K	130K	270K	510K	1M	2M	3.9M	7.5M	
1.6	3.3	6.2	12	24	47	91	180	360	680	1.3K	2.7K	5.1K	10K	20K	39K	75K	150K	300K	560K	1.1M	2.2M	4.3M	8.2M	

Case Size	Bulk Packs Parts packed on SMD tape.				Tape and Reel					
	MOUSER STOCK NO.	Price Per Value			MOUSER STOCK NO.	Price Per Reel of 5000				
		1	100	1000		1	5	10	20	50
603	301-Value	.11	.019	.009	301-Value / REEL	18.30	16.64	15.13	13.75	12.38
805	260-Value	.08	.015	.007	260-Value / REEL	19.13	17.39	15.81	14.38	12.94
1206	263-Value	.08	.015	.007	263-Value / REEL	33.28	30.25	27.50	25.44	22.50

% THICK FILM CHIP RESISTORS 0805 AND 1206 SIZE

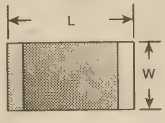
0805 Case Style Specifications:
- Rated power: 1/10W
- Resistance tolerance: ±1%
- Max working voltage: 100V
- Max overload voltage: 200V
- Operating temperature: -55°C to +125°C

1206 Case Style Specifications:
- Rated power: 1/8W
- Resistance tolerance: ±1%
- Max working voltage: 200V
- Max overload voltage: 300V
- Operating temperature: -55°C to +125°C

Common Specification:
- Temperature coefficient:
  100Ω and below: ±300ppm
  102Ω to 499KΩ: ±100ppm
  511KΩ to 1.0MΩ: ±300ppm

Available in Reels

DIMENSIONS (mm)



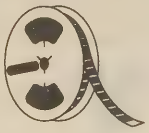


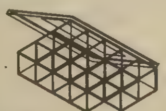
Table of Values in Ω

10	16.9	28.7	48.7	82.5	140	237	392	665	1.13K	1.91K	3.16K	5.36K	9.09K	15.4K	26.1K	43.2K	73.2K	124K	210K	348K	590K	1.0M
10.2	17.4	29.4	49.9	84.5	143	243	402	681	1.15K	1.96K	3.24K	5.49K	9.31K	15.8K	26.7K	44.2K	75K	127K	215K	357K	604K	
10.5	17.8	30.1	51.1	86.6	147	249	412	698	1.18K	2.0K	3.32K	5.62K	9.53K	16.2K	27.4K	45.3K	76.8K	130K	221K	365K	619K	
10.7	18.2	30.9	52.3	88.7	150	255	422	715	1.21K	2.05K	3.4K	5.76K	9.76K	16.5K	28K	46.4K	78.7K	133K	226K	374K	634K	
11	18.7	31.6	53.6	90.9	154	261	432	732	1.24K	2.1K	3.48K	5.9K	10K	16.9K	28.7K	47.5K	80.6K	137K	232K	383K	649K	
11.3	19.1	32.4	54.9	93.1	158	267	442	750	1.27K	2.15K	3.57K	6.04K	10.2K	17.4K	29.4K	48.7K	82.5K	140K	237K	392K	665K	
11.5	19.6	33.2	56.2	95.3	162	274	453	768	1.3K	2.21K	3.65K	6.19K	10.5K	17.8K	30K	49.9K	84.5K	143K	243K	402K	681K	
11.8	20	34	57.6	97.6	165	280	464	787	1.33K	2.26K	3.74K	6.34K	10.7K	18.2K	30.1K	51.1K	86.6K	147K	249K	412K	698K	
12.1	20.5	34.8	59	100	169	287	475	806	1.37K	2.32K	3.83K	6.49K	11.K	18.7K	30.9K	52.3K	88.7K	150K	255K	422K	715K	
12.4	21	35.7	60.4	102	174	294	487	825	1.4K	2.37K	3.92K	6.65K	11.3K	19.1K	31.6K	53.6K	90.9K	154K	261K	432K	732K	
12.7	21.5	36.5	61.9	105	178	300	499	845	1.43K	2.43K	4.02K	6.81K	11.5K	19.6K	32.4K	54.9K	93.1K	158K	267K	442K	750K	
13	22.1	37.4	63.4	107	182	301	511	866	1.47K	2.49K	4.12K	6.98K	11.8K	20K	33.2K	56.2K	95.3K	162K	274K	453K	768K	
13.3	22.6	38.3	64.9	110	187	309	523	887	1.5K	2.55K	4.22K	7.15K	12.1K	20.5K	34.K	57.6K	97.6K	165K	280K	464K	787K	
13.7	23.2	39.2	66.5	113	191	316	536	909	1.54K	2.61K	4.32K	7.32K	12.4K	21.K	34.8K	59.0K	100K	169K	287K	475K	806K	
14	23.7	40.2	68.1	115	196	324	549	931	1.58K	2.67K	4.42K	7.5K	12.7K	21.5K	35.7K	60.4K	102K	174K	294K	487K	825K	
14.3	24.3	41.2	69.8	118	200	332	562	953	1.62K	2.74K	4.53K	7.68K	13K	22.1K	36.5K	61.9K	105K	178K	300K	499K	845K	
14.7	24.9	42.2	71.5	121	205	340	576	976	1.65K	2.8K	4.64K	7.87K	13.3K	22.6K	37.4K	63.4K	107K	182K	301K	511K	866K	
15	25.5	43.2	73.2	124	210	348	590	1.0K	1.69K	2.87K	4.75K	8.06K	13.7K	23.2K	38.3K	64.9K	110K	187K	309K	523K	887K	
15.4	26.1	44.2	75	127	215	357	604	1.02K	1.74K	2.94K	4.87K	8.25K	14.K	23.7K	39.2K	66.5K	113K	191K	316K	536K	909K	
15.8	26.7	45.3	76.8	130	221	365	619	1.05K	1.78K	3.0K	4.99K	8.45K	14.3K	24.3K	40.2K	68.1K	115K	196K	324K	549K	931K	
16.2	27.4	46.4	78.7	133	226	374	634	1.07K	1.82K	3.01K	5.11K	8.66K	14.7K	24.9K	41.2K	69.8K	118K	200K	332K	562K	953K	
16.5	28	47.5	80.6	137	232	383	649	1.1K	1.87K	3.09K	5.23K	8.87K	15K	25.5K	42.2K	71.5K	121K	205K	340K	576K	976K	

Case Size	Bulk Packs Parts packed on SMD tape.						Tape and Reel					
	MOUSER STOCK NO.	Dimensions (mm)		Price Per Value			MOUSER STOCK NO.	Price Per Reel of 5000				
		L	W	1	100	1000		1	5	10	20	50
805	292-Value	2.03	1.27	.09	.018	.01	292-Value / REEL	36.60	33.28	30.25	27.50	24.75
1206	290-Value	3.05	1.52	.09	.018	.011	290-Value / REEL	49.91	45.35	41.25	37.50	33.75

THICK FILM CHIP RESISTOR KITS

The chip resistors for these kits are packaged in a continuous 100 pc. length on SMD tape. Each value is packaged in its own resealable plastic bag and placed within a 15 compartment compact storage case.



Features:
- Resistance tolerance: 5%
- Fully assembled and keyed for easy use.
- All items are regularly stocked
- Each bag labeled with value of resistor

Table of Values in Ω

10	39	150	560	2.2K	8.2K	33K	120K	470K
12	47	180	680	2.7K	10K	39K	150K	560K
15	56	220	820	3.3K	12K	47K	180K	680K
18	68	270	1K	3.9K	15K	56K	220K	820K
22	82	330	1.2K	4.7K	18K	68K	270K	1M
27	100	390	1.5K	5.6K	22K	82K	330K	2M
33	120	470	1.8K	6.8K	27K	100K	390K	

MOUSER STOCK NO.	Case Size	Rated Power	Number of Values	Pieces Per Kit	Price Each	
					1	2
370-301-1	603	1/16W	62	6200	188.95	179.95
370-260-1	805	1/10W	62	6200	174.95	165.95
370-263-1	1206	1/8W	62	6200	164.95	155.95

Table of Values in Ω

11	43	160	620	2.4K	9.1K	36K	130K	510K
13	51	200	750	3K	11K	43K	160K	620K
16	62	240	910	3.6K	13K	51K	200K	750K
20	75	300	1.1K	4.3K	16K	62K	240K	910K
24	91	360	1.3K	5.1K	20K	75K	300K	1.5M
30	110	430	1.6K	6.2K	24K	91K	360K	
36	130	510	2K	7.5K	30K	110K	430K	

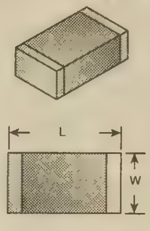
MOUSER STOCK NO.	Case Size	Rated Power	Number of Values	Pieces Per Kit	Price Each	
					1	2
370-301-2	603	1/16W	61	6100	188.95	179.95
370-260-2	805	1/10W	61	6100	174.95	165.95
370-263-2	1206	1/8W	61	6100	164.95	155.95

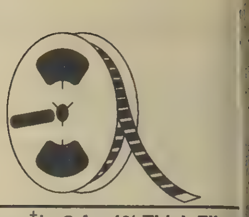
1% THICK FILM CHIP RESISTORS

Available in Reels

Specifications:

- Resistance tolerance: ±1%
- Operating temperature: -55°C to +150°C
- Temperature coefficient: ±100ppm





0402 SIZE — Bulk Packs, Parts Packed on SMD Tape

Case Size	Watts (W)	Max. Working Voltage (V)	Dimensions (In.)		MOUSER STOCK NO.	Price Per Value				
			L	W		1	50	100	1000	5000
0402	1/16	50	.036	.019	71-CRCW0402-Value	.14	.08	.07	.03	.028

0402 SIZE — Tape and Reel

Case Size	Watts (W)	Max. Working Voltage (V)	Dimensions (In.)		MOUSER STOCK NO.	Price Per Reel of 10,000		
			L	W		1	5	10
0402	1/16	50	.036	.019	71-CRCW0402-Value/R	126.00	115.50	105.00

Table of Values† in Ω for 1% Thick Film Chip Resistors 0402 Size

0	1.0K	4.99K	10K	42.2K	68.1K
10	2.21K	5.62K	12.1K	49.9K	100K
100	2.49K	6.81K	22.1K	51.1K	

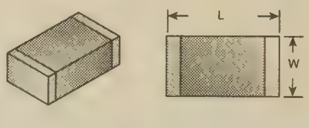
† Other E-96 values are available with a minimum order requirement of 5,000. For more details, call (800) 346-687

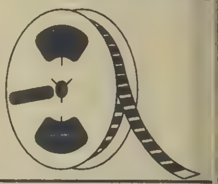
1% THICK FILM CHIP RESISTORS

Available in Reels

Specifications:

- Resistance tolerance: ±1%
- Operating temperature: -55°C to +150°C
- Temperature coefficient: ±100ppm





0603 SIZE — Bulk Packs, Parts Packed on SMD Tape

Case Size	Watts (W)	Max. Working Voltage (V)	Dimensions (In.)		MOUSER STOCK NO.	Price Per Value			
			L	W		1	50	100	1000
0603	1/16	50	.063	.031	71-CRCW0603-Value	.10	.03	.02	.01

0603 SIZE — Tape and Reel

Case Size	Watts (W)	Max. Working Voltage (V)	Dimensions (In.)		MOUSER STOCK NO.	Price Per Reel of 5,000			
			L	W		1	2	10	20
0603	1/16	50	.063	.031	71-CRCW0603-Value/R	35.00	33.25	30.59	28.14

Table of Values† in Ω for 1% Thick Film Chip Resistors 0603 Size

0	150	1.82K	2.8K	6.19K	13.7K	40.2K	118K
10	196	2.0K	2.87K	6.81K	16.2K	42.2K	121K
20	432	2.21K	3.32K	7.5K	20K	43.2K	130K
22.1	750	2.37K	4.75K	10K	20.5K	47.5K	150K
49.9	1.0K	2.43K	4.99K	10.2K	22.1K	49.9K	200K
68.1	1.1K	2.49K	5.11K	10.7K	24.9K	51.1K	301K
75	1.3K	2.67K	5.62K	11K	26.7K	68.1K	681K
100	1.5K	2.74K	6.04K	12.1K	34K	100K	

† These are stocked values, other E-96 values available, call (800) 346-6873 for more details

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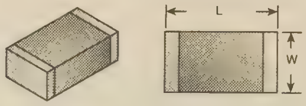
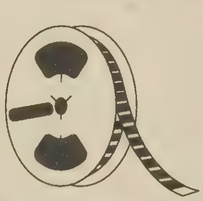
1% THICK FILM CHIP RESISTORS

Available in Reels





Specifications:

- Resistance tolerance: ±1%
- Operating temperature: -55°C to +150°C
- Temperature coefficient: ±100ppm

0805 AND 1206 SIZE — Bulk Packs, Parts Packed on SMD Tape

Case Size	Watts (W)	Max. Working Voltage (V)	Dimensions (In.)		MOUSER STOCK NO.	Price Per Value			
			L	W		1	50	100	1000
0805	1/10	100	.079	.049	71-CRCW0805-Value	.10	.03	.02	.01
1206	1/8	200	.126	.063	71-CRCW1206-Value	.10	.03	.02	.01

0805 AND 1206 SIZE — Tape and Reel

Case Size	Watts (W)	Max. Working Voltage (V)	Dimensions (In.)		MOUSER STOCK NO.	Price Per Reel of 5,000			
			L	W		1	50	100	1000
0805	1/10	100	.079	.049	71-CRCW0805-Value/R	35.00	33.25	33.59	28.14
1206	1/8	200	.126	.063	71-CRCW1206-Value/R	35.00	33.25	33.59	28.14

Table of Values † in Ω for 1% Thick Film Chip Resistors 0805 and 1206 Size

0	64.9	196	432	1.18K	2.8K	5.76K	12.1K	27.4K	80.6K	243K
10	68.1	200	442	1.21K	2.87K	6.04K	12.4K	28K	82.5K	249K
12.1	71.5	215	453	1.24K	3.01K	6.19K	12.7K	28.7K	84.5K	301K
15	75	221	464	1.3K	3.09K	6.34K	13K	30.1K	90.9K	316K
18.2	78.7	232	475	1.4K	3.16K	6.49K	13.3K	31.6K	95.3K	324K
20	80.6	237	487	1.47K	3.32K	6.65K	13.7K	32.4K	100K	332K
21.5	82.5	243	499	1.5K	3.4K	6.81K	14K	33.2K	105K	357K
22.1	90.9	255	511	1.62K	3.48K	6.98K	14.7K	34K	110K	365K
23.7	100	261	523	1.65K	3.57K	7.15K	15K	35.7K	115K	383K
24.9	107	267	549	1.69K	3.65K	7.5K	16.2K	36.5K	121K	392K
28	110	274	562	1.74K	3.74K	7.68K	16.5K	39.2K	127K	464K
30.1	115	280	590	1.78K	3.83K	7.87K	16.9K	40.2K	130K	475K
33.2	118	294	619	1.82K	3.92K	8.06K	17.8K	41.2K	133K	511K
37.4	121	301	649	2.0K	4.02K	8.25K	18.2K	42.2K	140K	562K
39.2	124	316	681	2.05K	4.12K	8.45K	18.7K	43.2K	147K	604K
40.2	133	324	698	2.1K	4.22K	8.66K	20K	46.4K	150K	681K
42.2	137	332	715	2.15K	4.32K	9.09K	20.5K	47.5K	162K	750K
43.2	140	340	750	2.21K	4.42K	9.31K	21K	49.9K	178K	806K
46.4	143	348	768	2.32K	4.64K	9.53K	22.1K	51.1K	182K	825K
47.5	147	357	787	2.37K	4.75K	9.76K	22.6K	60.4K	187K	1.0M
48.7	150	365	825	2.43K	4.87K	10K	23.2K	61.9K	196K	
49.9	158	374	866	2.49K	4.99K	10.2K	23.7K	63.4K	200K	
51.1	169	383	909	2.55K	5.11K	10.7K	24.3K	64.9K	215K	
56.2	174	392	1.0K	2.61K	5.23K	11K	24.9K	66.5K	221K	
60.4	178	402	1.1K	2.67K	5.49K	11.3K	26.1K	68.1K	226K	
61.9	182	422	1.13K	2.74K	5.62K	11.5K	26.7K	75K	237K	

† These are stocked values, other E-96 values available, call (800) 346-6873 for more details.

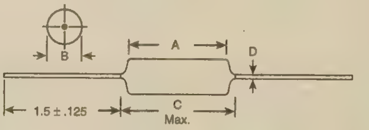
MODEL CMF, TYPE RN 1% METAL FILM RESISTORS

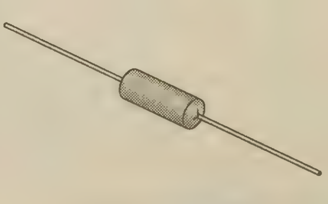
Features:

- Very low noise
- Very low voltage coefficient
- Excellent high frequency characteristics
- Flame retardant epoxy coating
- MIL-R-10509

DIMENSIONS (IN.)

Series	A	B	C	D
RN55D	.240±.020	.090±.008	.278	.025±.002
RN60D	.344±.031	.145±.015	.425	.025±.002
RN65D	.562±.031	.180±.015	.687	.025±.002





CMF55/RN55D, 1/8W

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Price Each			
		1	50	100	500
71-RN55D-F-Value	10-499K	.16	.11	.09	.075
71-RN55D-F-Value	511K-1M	.18	.12	.10	.083

CMF60/RN60D, 1/4W

For quantities greater than listed, call for quote.

71-RN60D-F-Value	10-1M	.21	.18	.16	.09

CMF65/RN65D, 1/2W

For quantities greater than listed, call for quote.

71-RN65D-F-Value	10-1M	.32	.28	.24	.22

Table of Values in (Ω)

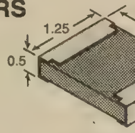
10	80.6	432	1.69K	4.32K	8.87K	22.6K	46.4K	124K	511K
12.1	90.9	475	1.82K	4.64K	9.09K	23.2K	47.5K	150K	560K
15	100	499	2.0K	4.75K	9.1K	24K	49.9K	158K	562K
20	121	511	2.15K	4.99K	9.31K	24.9K	51.1K	182K	620K
22.1	133	523	2.21K	5.11K	10K	25.5K	52.3K	200K	680K
24.9	150	562	2.32K	5.23K	10.5K	26.7K	54.9K	221K	750K
27.4	182	681	2.37K	5.36K	10.7K	27K	56.2K	226K	806K
30.1	200	732	2.49K	5.62K	11.3K	27.4K	57.6K	249K	820K
33.2	215	750	2.61K	6.04K	12.1K	28.7K	66.5K	267K	909K
34.8	221	806	2.74K	6.19K	13K	30K	68.1K	274K	910K
37.4	232	825	2.87K	6.2K	13.3K	30.1K	69.8K	301K	1M
39.2	243	909	2.94K	6.34K	15K	30.9K	71.5K	330K	
40.2	249	1.0K	3.01K	6.81K	16K	32.4K	75K	348K	
43.2	274	1.05K	3.09K	6.98K	17.4K	33K	80.6K	360K	
45.3	301	1.1K	3.16K	7.5K	17.8K	33.2K	84.5K	390K	
47.5	316	1.21K	3.24K	7.68K	18K	34.8K	90.9K	402K	
49.9	332	1.24K	3.32K	7.87K	18.2K	38.3K	97.6K	430K	
51.1	348	1.27K	3.48K	8.06K	19.6K	39.2K	100K	432K	
56.2	392	1.4K	3.65K	8.2K	20K	41.2K	105K	470K	
61.9	402	1.5K	3.92K	8.25K	22K	42.2K	110K	475K	
75	422	1.54K	4.02K	8.8K	22.1K	43.2K	121K	499K	

Precision Metal Film and Carbon Composition Resistors

HOLSWORTHY ELECTRONICS "HOLCO" 1/8 WATT 0.1% 10PPM/°C 0805 SMD RESISTORS

ecifications:

olerance: ±0.1%
CR: ±10PPM/°C
ackage size: 0805
perating voltage: 200VDC max.
ower rating: 0.125W



DIMENSIONS (mm)

25PPM and 50PPM also available.
5000pc reels also available. Call for details.

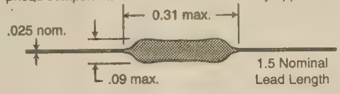
MOUSER STOCK NO.	Range of Values (Ω) See Table	Price Each				MOUSER STOCK NO.	Price Per Reel of 1000	
		1	50	100	500		1	2
79-RN73CA-Value	100 - 100K	1.60	1.40	.99	.72	279-RN73CA-Value/R	512.00	448.00

HOLSWORTHY ELECTRONICS "HOLCO" 1/4 WATT 0.1% 25PPM/°C RESISTORS

Meets the requirement for economically priced components for industrial and military applications.

Specifications:

- Style: H8-J
- Tolerance: 0.1%
- Max operating voltage: 200V
- Temperature coefficient: 25PPM/°C
- Power rating @ 70°C: 1/4W
- Also available in 1/10W, 1/2W, and 1 W; may be subject to minimum order requirement



DIMENSIONS (IN.)

MOUSER STOCK NO.	Range of Values (Ω) See Table	Price Each			
		1	50	100	500
279-Value	10 - 1.0M	1.08	.90	.72	.54

E-96 Table of Values in Ω

10	17.4	30.1	52.3	90.9	158	274	475	825	1.43K	2.49K	4.32K	7.5K	13K	22.6K	39.2K	68.1K	118K	205K	357K	619K
10.2	17.8	30.9	53.6	93.1	162	280	487	845	1.47K	2.55K	4.42K	7.68K	13.3K	23.2K	40.2K	69.8K	121K	210K	365K	634K
10.5	18.2	31.6	54.9	95.3	165	287	499	866	1.5K	2.61K	4.53K	7.87K	13.7K	23.7K	41.2K	71.5K	124K	215K	374K	649K
10.7	18.7	32.4	56.2	97.6	169	294	511	887	1.54K	2.67K	4.64K	8.06K	14K	24.3K	42.2K	73.2K	127K	221K	383K	665K
11	19.1	33.2	57.6	100	174	301	523	909	1.58K	2.74K	4.75K	8.25K	14.3K	24.9K	43.2K	75K	130K	226K	392K	681K
11.3	19.6	34	59	102	178	309	536	931	1.62K	2.8K	4.87K	8.45K	14.7K	25.5K	44.2K	76.8K	133K	232K	402K	698K
11.5	20	34.8	60.4	105	182	316	549	953	1.65K	2.87K	4.99K	8.66K	15K	26.1K	45.3K	78.7K	137K	237K	412K	715K
11.8	20.5	35.7	61.9	107	187	324	562	976	1.69K	2.94K	5.11K	8.87K	15.4K	26.7K	46.4K	80.6K	140K	243K	422K	732K
12.1	21	36.5	63.4	110	191	332	576	1.0K	1.74K	3.01K	5.23K	9.09K	15.8K	27.4K	47.5K	82.5K	143K	249K	432K	750K
12.4	21.5	37.4	64.9	113	196	340	590	1.02K	1.78K	3.09K	5.36K	9.31K	16.2K	28K	48.7K	84.5K	147K	255K	442K	768K
12.7	22.1	38.3	66.5	115	200	348	604	1.05K	1.82K	3.16K	5.49K	9.53K	16.5K	28.7K	49.9K	86.6K	150K	261K	453K	787K
13	22.6	39.2	68.1	118	205	357	619	1.07K	1.87K	3.24K	5.62K	9.76K	16.9K	29.4K	51.1K	88.7K	154K	267K	464K	806K
13.3	23.2	40.2	69.8	121	210	365	634	1.1K	1.91K	3.32K	5.76K	10K	17.4K	30.1K	52.3K	90.9K	158K	274K	475K	825K
13.7	23.7	41.2	71.5	124	215	374	649	1.13K	1.96K	3.4K	5.9K	10.2K	17.8K	30.9K	53.6K	93.1K	162K	280K	487K	845K
14	24.3	42.2	73.2	127	221	383	665	1.15K	2.0K	3.48K	6.04K	10.5K	18.2K	31.6K	54.9K	95.3K	165K	287K	499K	866K
14.3	24.9	43.2	75	130	226	392	681	1.18K	2.05K	3.57K	6.19K	10.7K	18.7K	32.4K	56.2K	97.6K	169K	294K	511K	887K
14.7	25.5	44.2	76.8	133	232	402	698	1.21K	2.1K	3.65K	6.34K	11K	19.1K	33.2K	57.6K	100K	174K	301K	523K	909K
15	26.1	45.3	78.7	137	237	412	715	1.24K	2.15K	3.74K	6.49K	11.3K	19.6K	34K	59K	102K	178K	309K	536K	931K
15.4	26.7	46.4	80.6	140	243	422	732	1.27K	2.21K	3.83K	6.65K	11.5K	20K	34.8K	60.4K	105K	182K	316K	549K	953K
15.8	27.4	47.5	82.5	143	249	432	750	1.3K	2.26K	3.92K	6.81K	11.8K	20.5K	35.7K	61.9K	107K	187K	324K	562K	976K
16.2	28	48.7	84.5	147	255	442	768	1.33K	2.32K	4.02K	6.98K	12.1K	21K	36.5K	63.4K	110K	191K	332K	576K	1.0M
16.5	28.7	49.9	86.6	150	261	453	787	1.37K	2.37K	4.12K	7.15K	12.4K	21.5K	37.4K	64.9K	113K	196K	340K	590K	
16.9	29.4	51.1	88.7	154	267	464	806	1.4K	2.43K	4.22K	7.32K	12.7K	22.1K	38.3K	66.5K	115K	200K	348K	604K	

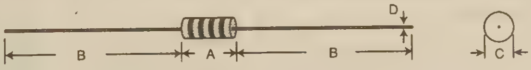
XICON Passive Components CARBON COMPOSITION RESISTORS 1/4 WATT AND 1/2 WATT ±5% TOLERANCE

eatures:

- ±5% tolerance
- Predictable performance
- Low inductance
- Low capacitance
- Tape and reel available.

Resistor Discounts

Different values of resistors within the same series, ordered in lots of 1000 pieces per value, may be combined to obtain lower pricing. Annual price agreements are also available. Call any Mouser Service Representative.



For quantities greater than listed, call for quote.

Watts (W)	MOUSER STOCK NO.	Values (Ω) See Table	Dimensions (mm)				Price Each Per Value			
			A	B	C	D $^{+.02}_{-.005}$	1	100	1000	5000
1/4	30BJ250-Value	2.2 - 910K	6.4	27	2.5	0.6	.22	.08	.071	.063
1/4	30BJ250-Value	1M - 8.2M	6.4	27	2.5	0.6	.30	.18	.145	.117
1/2	30BJ500-Value	2.2 - 910K	9.5	25	3.5	0.74	.22	.10	.088	.077
1/2	30BJ500-Value	1M - 8.2M	9.5	25	3.5	0.74	.32	.19	.17	.15

For quantities greater than listed, call for quote.

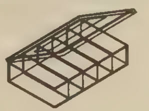
Watts (W)	MOUSER STOCK NO.	Values (Ω) See Table	Quantity Per Reel	Price Per Reel		
				1	2	10
1/4	30BJ250-Value/REEL	2.2 - 910K	5000	315.00	310.00	305.00
1/4	30BJ250-Value/REEL	1M - 8.2M	5000	585.00	475.00	425.00
1/2	30BJ500-Value/REEL	2.2 - 910K	4000	308.00	304.00	300.00
1/2	30BJ500-Value/REEL	1M - 8.2M	4000	600.00	452.00	388.00

Table of Values in Ω

2.2	9.1	39	160	680	3.0K	12K	51K	220K	910K
2.4	10	43	180	750	3.3K	13K	56K	240K	1.0M
2.7	11	47	200	820	3.6K	15K	62K	270K	1.2M
3.0	12	51	220	910	3.9K	16K	68K	300K	1.5M
3.3	13	56	240	1.0K	4.3K	18K	75K	330K	1.8M
3.6	15	62	270	1.1K	4.7K	20K	82K	360K	2.2M
3.9	16	68	300	1.2K	5.1K	22K	91K	390K	2.4M
4.3	18	75	330	1.3K	5.6K	24K	100K	430K	2.7M
4.7	20	82	360	1.5K	6.2K	27K	110K	470K	3.3M
5.1	22	91	390	1.6K	6.8K	30K	120K	510K	3.9M
5.6	24	100	430	1.8K	7.5K	33K	130K	560K	4.7M
6.2	27	110	470	2.0K	8.2K	36K	150K	620K	5.6M
6.8	30	120	510	2.2K	9.1K	39K	160K	680K	6.8M
7.5	33	130	560	2.4K	10K	43K	180K	750K	8.2M
8.2	36	150	620	2.7K	11K	47K	200K	820K	

XICON Passive Components 1/4 WATT CARBON COMPOSITION RESISTOR KITS

he 240 piece kits contain 10 each of 24 different values ackaged in plastic bags with one value per bag. There re 4 values stored in each of the 6 compartments in the ompact storage case.

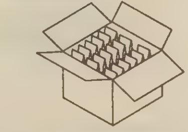


MOUSER STOCK NO.	Range of Values Per Kit (Ω)	Price
370-BJ250-1	2.2, 2.7, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1.0K	17.95
370-BJ250-2	1.1K, 1.5K, 1.8K, 2.0K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	17.95
370-BJ250-3	100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 240K, 270K, 300K, 330K, 360K, 390K, 430K, 470K, 510K, 560K, 620K, 680K, 750K, 820K, 910K	17.95

XICON Passive Components 1/4 WATT CARBON COMPOSITION "C-PAC" RESISTOR ASSORTMENT

Kits 370-BJ250-1C, 370-BJ250-2C, and 370-BJ250-3C have 2400 pieces. The 2400 piece kits contain 100 each of 24 different values packaged in plastic bags with one value per bag.

Kit 370-BJ250-C has 7200 pieces, 100 each of all values listed for kits 370-BJ250-1C, 370-BJ250-2C, and 370-BJ250-3C



MOUSER STOCK NO.	Range of Values Per Kit (Ω)	Price
370-BJ250-1C	2.2, 2.7, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1.0K	139.95
370-BJ250-2C	1.1K, 1.5K, 1.8K, 2.0K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	139.95
370-BJ250-3C	100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 240K, 270K, 300K, 330K, 360K, 390K, 430K, 470K, 510K, 560K, 620K, 680K, 750K, 820K, 910K	139.95
370-BJ250-C	100 each of all values listed for kits 370-BJ250-1C, 370-BJ250-2C, and 370-BJ250-3C. (7200 pieces)	368.14

1% Metal Film Resistors

Table of Values in Ω

10	18.7	33	56.2	100	187	332	562	1K	1.87K	3.32K	5.9K	10.5K	19.6K	34K	59K	107K	196K	348K	619K
10.2	19.1	33.2	57.6	102	191	340	565	1.02K	1.91K	3.4K	6.04K	10.7K	20K	34.8K	60.4K	110K	200K	357K	620K
10.5	19.6	34	59	105	196	348	576	1.05K	1.96K	3.48K	6.19K	11K	20.5K	35.7K	61.9K	113K	205K	360K	634K
10.7	20	34.8	60.4	107	200	350	590	1.07K	2K	3.57K	6.2K	11.3K	21K	36K	62K	115K	210K	365K	649K
11	20.5	35.7	61.9	110	205	357	604	1.1K	2.05K	3.6K	6.34K	11.5K	21.5K	36.5K	63.4K	118K	215K	374K	665K
11.3	21	36	62	113	210	360	619	1.13K	2.1K	3.65K	6.49K	11.8K	22K	37.4K	64.9K	120K	220K	383K	680K
11.5	21.5	36.5	63.4	115	215	365	620	1.15K	2.15K	3.74K	6.65K	12K	22.1K	38.3K	66.5K	121K	221K	390K	681K
11.8	22	37.4	64.9	118	220	374	634	1.18K	2.2K	3.83K	6.8K	12.1K	22.6K	39K	68K	124K	226K	392K	698K
12	22.1	38.3	66.5	120	221	383	649	1.2K	2.21K	3.9K	6.81K	12.4K	23.2K	39.2K	68.1K	127K	232K	402K	715K
12.1	22.6	39	68	121	226	390	665	1.21K	2.26K	3.92K	6.98K	12.7K	23.7K	40.2K	69.8K	130K	237K	412K	732K
12.4	23.2	39.2	68.1	124	232	392	680	1.24K	2.32K	4.02K	7.15K	13K	24K	41.2K	71.5K	133K	240K	422K	750K
12.7	23.7	40.2	69.8	127	237	402	681	1.27K	2.37K	4.12K	7.32K	13.3K	24.3K	42.2K	73.2K	137K	243K	430K	768K
13	24	41.2	71.5	130	240	412	698	1.3K	2.4K	4.22K	7.5K	13.7K	24.9K	43K	75K	140K	249K	432K	787K
13.3	24.3	42.2	73.2	133	243	422	715	1.33K	2.43K	4.32K	7.68K	14K	25.5K	43.2K	76.8K	143K	255K	442K	806K
13.7	24.7	43	75	137	249	430	732	1.37K	2.49K	4.42K	7.87K	14.3K	26.1K	44.2K	78.7K	147K	261K	453K	820K
14	24.9	43.2	75.5	140	255	432	750	1.4K	2.55K	4.53K	8.06K	14.7K	26.7K	45.3K	80.6K	150K	267K	464K	825K
14.3	25.5	44.2	76.8	143	261	442	768	1.43K	2.61K	4.64K	8.2K	15K	27K	46.4K	82K	154K	270K	470K	845K
14.7	26.1	45.3	78.7	147	267	453	787	1.47K	2.67K	4.7K	8.25K	15.4K	27.4K	47K	82.5K	158K	274K	475K	866K
15	26.7	46.4	80.6	150	270	464	806	1.5K	2.7K	4.75K	8.45K	15.8K	28K	47.5K	84.5K	160K	280K	487K	887K
15.4	27	47	82	154	274	470	820	1.54K	2.74K	4.87K	8.66K	16K	28.7K	48.7K	86.6K	162K	287K	499K	909K
15.8	27.4	47.5	82.5	158	280	475	825	1.58K	2.8K	4.99K	8.8K	16.2K	29.4K	49.9K	88.7K	165K	294K	511K	910K
16	28	48.7	84.5	160	287	487	845	1.6K	2.87K	5.1K	8.87K	16.5K	30K	51K	90.9K	169K	300K	523K	931K
16.2	28.7	49.9	86.6	162	294	499	866	1.62K	2.94K	5.11K	9.09K	16.9K	30.1K	51.1K	91K	174K	301K	536K	953K
16.5	29.4	51	88.7	165	300	510	887	1.65K	3.0K	5.23K	9.1K	17.4K	30.9K	52.3K	93.1K	178K	309K	549K	976K
16.9	30	51.1	90.9	169	301	511	909	1.69K	3.01K	5.36K	9.31K	17.8K	31.6K	53.6K	95.3K	180K	316K	560K	1.0M
17.4	30.1	52.3	91	174	309	523	910	1.74K	3.09K	5.49K	9.53K	18K	32.4K	54.9K	97.6K	182K	324K	562K	1.5M
17.8	30.9	53.6	93.1	178	316	536	931	1.78K	3.16K	5.6K	9.76K	18.2K	33K	56K	100K	187K	330K	576K	2.2M
18	31.6	54.9	95.3	180	324	549	953	1.8K	3.24K	5.62K	10K	18.7K	33.2K	56.2K	102K	191K	332K	590K	
18.2	32.4	56	97.6	182	330	560	976	1.82K	3.3K	5.76K	10.2K	19.1K	33.6K	57.6K	105K	192K	340K	604K	

Requirements	Operating Temp. Range	Temperature Coefficient	Temp. Cycling	Short Time Overload	Terminal Strength	Dielectric Withstanding	Insulation Resistance	Effect of Soldering	Load Life, (70°C)	Moisture Resistance, (40°C)
Characteristics	-55°C to 155°C	±50PPM	±1%	±0.5%	2.5kg	±0.5%	10^{10}Ω	±0.5%	±1%	±1%
JIS-C-5202	- - -	5.2	7.4	5.5	6.1	5.7A	5.6A	6.4	7.10	7.9

Features multiple epoxy coating on a Nichrome resistor element. Not MIL rated but comparable to MIL STD MIL-R-22684 for RL20 and MIL-R-10509F for RN60D.

Available in Bulk, Ammo, or Tape and Reel

Select packaging method when ordering. See package methods below.

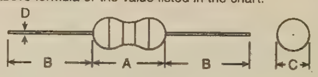
$W.V. = \sqrt{P * R}$

W.V. = Working Voltage

P = Power (rated in watts)

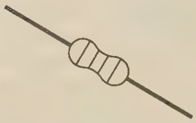
R = Resistance (rated in ohms)

Actual working voltage is the lower of either the value calculated from the above formula or the value listed in the chart.



Series	Dimensions (mm)			
	A	B	C	D +.02 -.005
270	4.2	28	2	0.2
271	6.8	28	2.5	0.6
273	10	28	3.5	0.6

LOOSE PACK



Stock No.	Standard Pack
270 - Value	200
271 - Value	200
273 - Value	100

1/8 and 1/4 Watt

•Must be ordered in multiples of 10.

MOUSER STOCK NO.	Watt Size	T. C.	Max W.V.	Price Each	
				10	200
270 - Value	1/8	50ppm	200	**.11**	**.05**
271 - Value	1/4	50ppm	250	**.09**	**.02**

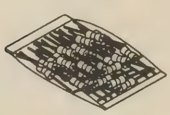
1/2Watt

•Must be ordered in multiples of 10.

MOUSER STOCK NO.	Watt Size	T. C.	Max W.V.	Price Each	
				10	100
273 - Value	1/2	50ppm	350	**.12**	**.055**

BULK PACKAGING

Packaged in bags of 100 or 200, 1000 per box.



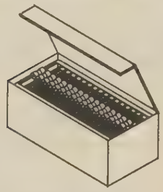
Bulk Pack Stock No.	Quantity Per Box
270 - Value / 1000	5 bags of 200
271 - Value / 1000	5 bags of 200
273 - Value / 1000	10 bags of 100

RESISTOR DISCOUNTS: 1000 packs of different resistance values, within the same series, may be combined to obtain lower cost.

MOUSER STOCK NO.	Watt Size	T. C.	Max W.V.	Price Per 1,000 Piece Package				
				1	5	10	50	100
270 - Value / 1000	1/8	50ppm	200	**17.20**	**16.78**	**15.25**	**13.86**	**12.60**
271 - Value / 1000	1/4	50ppm	250	**12.00**	**11.00**	**10.00**	**9.50**	**8.79**
273 - Value / 1000	1/2	50ppm	350	**25.20**	**24.57**	**22.34**	**20.31**	**18.46**

AMMO PACKAGING

Taped & Boxed

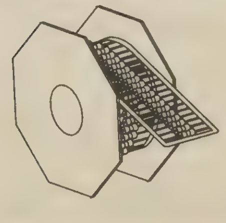


Ammo Pack Stock No.	Quantity Per Box
270 - Value / AP	2,000
271 - Value / AP	1,000
273 - Value / AP	1,000

RESISTOR DISCOUNTS: Ammo packs of different resistance values, within the same series, may be combined to obtain lower cost.

MOUSER STOCK NO.	Watt Size	T. C.	Max W.V.	Price Per Box of 2,000				
				1	2	5	25	50
270 - Value / AP	1/8	50ppm	200	**34.40**	**33.56**	**30.50**	**27.72**	**25.20**
				Price Per Box of 1,000				
				1	5	10	50	100
271 - Value / AP	1/4	50ppm	250	**12.00**	**11.00**	**10.00**	**9.50**	**8.79**
273 - Value / AP	1/2	50ppm	350	**25.20**	**24.57**	**22.34**	**20.31**	**18.46**

TAPE AND REEL PACKAGING



Tape and Reel Stock No.	Quantity Per Reel
270 - Value / REEL	5,000
271 - Value / REEL	5,000
273 - Value / REEL	3,000

RESISTOR DISCOUNTS: Reels of different resistance values, within the same series, may be combined to obtain lower cost.

MOUSER STOCK NO.	Watt Size	T. C.	Max W.V.	Price Per Reel of 5,000				
				1	2	10	20	100
270 - Value / REEL	1/8	50ppm	200	**83.90**	**76.25**	**69.30**	**63.00**	**57.25**
271 - Value / REEL	1/4	50ppm	250	**55.00**	**50.00**	**47.50**	**43.95**	**39.95**
				Price Per Reel of 3,000				
				1	3	16	33	166
273 - Value / REEL	1/2	50ppm	350	**75.60**	**67.02**	**60.93**	**55.38**	**50.34**

XICON™ Passive Components
TransOhm

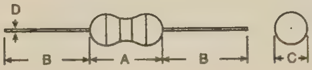
5% Carbon Film Resistors

Table of Values in Ω															
0	2.4	6.8	20	56	160	470	1.3K	3.6K	10K	30K	82K	240K	680K	2M	5.6M
0.5	2.7	7.5	22	62	180	510	1.5K	3.9K	11K	33K	91K	270K	750K	2.2M	6.2M
1.0	3.0	8.2	24	68	200	560	1.6K	4.3K	12K	36K	100K	300K	820K	2.4M	6.8M
1.1	3.3	9.1	27	75	220	620	1.8K	4.7K	13K	39K	110K	330K	910K	2.7M	7.5M
1.2	3.6	10	30	82	240	680	2K	5.1K	15K	43K	120K	360K	1M	3M	8.2M
1.3	3.9	11	33	91	270	750	2.2K	5.6K	16K	47K	130K	390K	1.1M	3.3M	9.1M
1.5	4.3	12	36	100	300	820	2.4K	6.2K	18K	51K	150K	430K	1.2M	3.6M	10M
1.6	4.7	13	39	110	330	910	2.7K	6.8K	20K	56K	160K	470K	1.3M	3.9M	15M
1.8	5.1	15	43	120	360	1K	3K	7.5K	22K	62K	180K	510K	1.5M	4.3M	22M
2.0	5.6	16	47	130	390	1.1K	3.2K	8.2K	24 K	68K	200K	560K	1.6M	4.7M	
2.2	6.2	18	51	150	430	1.2K	3.3K	9.1K	27K	75K	220K	620K	1.8M	5.1M	

**Select packaging method when ordering.
See package methods below.**

W.V. = $\sqrt{P * R}$
W.V. = Working Voltage
P = Power (rated in watts)
R = Resistance (rated in ohms)

Actual working voltage is the lower of either the value calculated from the above formula or the value listed in the chart.

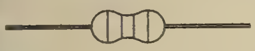


eatures:
- Excellent reliability
- Excellent solderability
- Low noise
- Moisture stable
- Standard EIA color code
- Heat stable
- Operating temperature: -55°C to 155°C

Available in Bulk, Ammo, or Tape and Reel

Series	Rated Power @ 70°C (W)	Max Working Voltage (V)	Max Overload Voltage (V)	Dimensions (mm) max.			
				A	B	C	D $^{+.02}_{-.005}$
299	1/8	200	400	4.2	28±3	2	0.5
291	1/4	250	500	6.8	28±3	2.5	0.6
293	1/2	350	700	10	28±3	3.5	0.6
294	1	500	1000	12	28±3	5.0	0.8

OOSE PACKAGING



Stock No.	Standard Pack
299-Value	200
291-Value	200
293-Value	100
294-Value	100

1/8 and 1/4 Watt

•Must be ordered in multiples of 10. ✱See Table of Values

MOUSER STOCK NO.	Watt Size	✱ Range of Values	Price Each	
			10	200
299-Value	1/8	0Ω - 10MΩ	**.08**	**.014**
291-Value	1/4	0Ω - 10MΩ	**.07**	**.009**
291-Value	1/4	15MΩ or 22MΩ	**.09**	**.03**

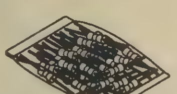
1/2 and 1 Watt

•Must be ordered in multiples of 10. ✱See Table of Values

MOUSER STOCK NO.	Watt Size	✱ Range of Values	Price Each	
			10	100
293-Value	1/2	.5Ω - 10MΩ	**.08**	**.014**
294-Value	1	.5Ω - 10MΩ	**.14**	**.05**

ULK PACKAGING (1,000 Per Pack)

ackaged in bags of 100, 200, or 1000 per box.



Bulk Pack Stock No.	Quantity Per Box
299-Value / 1000	5 bags of 200
291-Value / 1000	5 bags of 200
293-Value / 1000	10 bags of 100
294-Value / 1000	10 bags of 100

RESISTOR DISCOUNTS

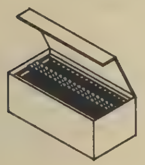
1000 packs of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

✱See Table of Values

MOUSER STOCK NO.	Watt Size	✱Range of Values	Price Per 1,000 Piece Package				
			1	5	10	50	100
299-Value / 1000	1/8	0Ω - 10MΩ	**6.40**	**6.25**	**5.68**	**5.16**	**4.69**
291-Value / 1000	1/4	0Ω - 10MΩ	**5.80**	**5.00**	**4.75**	**4.50**	**4.25**
291-Value / 1000	1/4	15MΩ or 22MΩ	**12.80**	**12.46**	**11.33**	**10.30**	**9.00**
293-Value / 1000	1/2	.5Ω - 10MΩ	**12.50**	**11.50**	**10.50**	**9.50**	**8.75**
294-Value / 1000	1	.5Ω - 10MΩ	**36.80**	**35.85**	**32.59**	**29.63**	**26.94**

AMMO PACKAGING

Taped & Boxed



Ammo Pack Stock No.	Quantity Per Box
299-Value / AP	2,000
291-Value / AP	1,000
293-Value / AP	1,000

RESISTOR DISCOUNTS

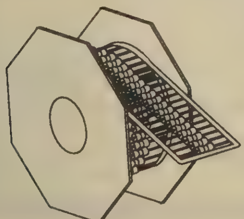
Ammo packs of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

✱See Table of Values

MOUSER STOCK NO.	Watt Size	✱Range of Values	Price Per Box of 2000				
			1	2	5	25	50
299-Value / AP	1/8	0Ω - 10MΩ	**12.80**	**12.50**	**11.36**	**10.32**	**9.38**
			Price Per Box of 1000				
			1	5	10	50	100
291-Value / AP	1/4	0Ω - 10MΩ	**5.80**	**5.00**	**4.75**	**4.50**	**4.25**
291-Value / AP	1/4	15MΩ or 22MΩ	**12.80**	**12.46**	**11.33**	**10.30**	**9.00**
293-Value / AP	1/2	.5Ω - 10MΩ	**12.50**	**11.50**	**10.50**	**9.50**	**8.75**

TAPE AND REEL PACKAGING

These high quality carbon film resistors, are now available in tape and reel form. The added benefit of tape and reel form promotes rapid, cost effective automatic insertion.



Tape and Reel Stock No.	Quantity Per Reel
299-Value / REEL	5,000
291-Value / REEL	5,000
293-Value / REEL	3,000

RESISTOR DISCOUNTS

Reels of different resistance values, within the same series, may be combined to obtain lower cost. Annual price agreements are also available. Call any Mouser Service Representative.

✱See Table of Values

MOUSER STOCK NO.	Watt Size	✱ Range of Values	Price Per Reel of 5,000			
			1	2	10	20
299-Value / REEL	1/8	0Ω - 10MΩ	31.25	28.40	25.80	23.45
291-Value/REEL	1/4	0.5Ω - 10MΩ	25.00	23.75	22.50	21.25
291-Value/REEL	1/4	15MΩ or 22MΩ	62.30	56.65	51.50	45.00
291-0/REEL	1/4	0Ω	25.00	23.75	22.50	21.25
			Price Per Reel of 3,000			
			1	3	16	33
293-Value/REEL	1/2	.5Ω - 10MΩ	37.50	31.50	28.50	26.25

XICON™ Passive Components TransOhm

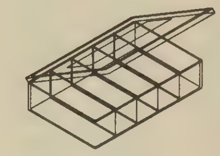
Carbon Film and Metal Film Resistor Kits

CARBON FILM RESISTOR KITS

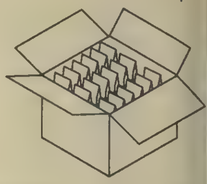
The 240 piece kits contain 10 each of 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the compact storage case.

Features:
- Fully assembled and keyed for easy use
- Resistors color code chart included

A



B



Prototype Kits

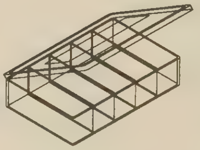
MOUSER STOCK NO.	Fig.	Type	Range of Values Ω	Pieces in Each Kit	Description	Price
370-299-1	A	1/8 watt carbon film 5%	1.0 - 82	240	**10 each:** 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82	19.95
370-299-2	A	1/8 watt carbon film 5%	100 - 8.2K	240	**10 each:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K	19.95
370-299-3	A	1/8 watt carbon film 5%	10K - 820K	240	**10 each:** 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K, 120K, 150K, 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K	19.95
370-291-1	A	1/4 watt carbon film 5%	1.0 - 1K	240	**10 each:** 1.0, 2.0, 3.0, 4.7, 5.6, 7.5, 8.2, 10, 12, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	18.95
370-291-2	A	1/4 watt carbon film 5%	1.1K - 100K	240	**10 each:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	18.95
370-291-3	A	1/4 watt carbon film 5%	110K - 10M	240	**10 each:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 2M, 3.3M, 3.9M, 4.7M, 5.6M, 6.8M, 8.2M, 10M	18.95
370-293-1	A	1/2 watt carbon film 5%	2.2 - 1K	240	**10 each:** 2.2, 2.4, 3, 4.7, 5.6, 7.5, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	23.95
370-293-2	A	1/2 watt carbon film 5%	1.1K - 100K	240	**10 each:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	23.95
370-293-3	A	1/2 watt carbon film 5%	110K - 3.3M	240	**10 each:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 1.1M, 1.3M, 1.5M, 1.6M, 1.8M, 2M, 2.2M, 3.3M	23.95
370-294-1	A	1 watt carbon film 5%	2.2 - 1K	240	**10 each:** 2.2, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 15, 27, 39, 47, 56, 68, 82, 100, 150, 220, 270, 330, 470, 560, 680, 820, 1K	29.95
370-294-2	A	1 watt carbon film 5%	1.2K - 100K	240	**10 each:** 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K	29.95

"C-Pac" Resistor Assortments

370-291-1C	B	1/4 watt carbon film	1.0 - 1K	4800	**200 each** of all values listed for prototype kit 370-291-1 shown above.	46.95
370-291-2C	B	1/4 watt carbon film	1.1K - 100K	4800	**200 each** of all values listed for prototype kit 370-291-2 shown above.	46.95
370-291-3C	B	1/4 watt carbon film	110K - 10M	4800	**200 each** of all values listed for prototype kit 370-291-3 shown above.	46.95
370-291-C	B	1/4 watt carbon film	1 -10M	14400	**200 each** of all values listed for prototype kit 370-291-1, 370-291-2, and 370-291-3 shown above.	139.95
370-293-1C	B	1/2 watt carbon film	2.2 - 1K	4800	**200 each** of all values listed for prototype kit 370-293-1 shown above.	74.95
370-293-2C	B	1/2 watt carbon film	1.1K - 100K	4800	**200 each** of all values listed for prototype kit 370-293-2 shown above.	74.95
370-293-3C	B	1/2 watt carbon film	110K - 3.3M	4800	**200 each** of all values listed for prototype kit 370-293-3 shown above.	74.95
370-293-C	B	1/2 watt carbon film	2.2 - 3.3M	14400	**200 each** of all values listed for prototype kit 370-293-1, 370-293-2, and 370-293-3 shown above.	217.95
370-294-1C	B	1 watt carbon film	2.2 - 1K	2400	**100 each** of all values listed for prototype kit 370-294-1 shown above.	114.95
370-294-2C	B	1 watt carbon film	1.2K - 100K	2400	**100 each** of all values listed for prototype kit 370-294-2 shown above.	114.95
370-294-C	B	1 watt carbon film	2.2 - 100K	4800	**100 each** of all values listed for prototype kit 370-294-1 and 370-294-2 shown above.	229.95

METAL FILM RESISTOR KITS

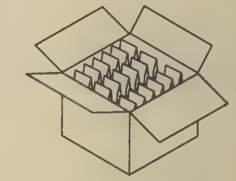
The 240 piece kits contain 10 each of 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the compact storage case.



Features:
- 1% tolerance
- Fully assembled and keyed for easy use
- 240 pieces
- 10 each of 24 different values per kit
- Metal film
- Epoxy coated
- Nickel chromium
- Ceramic substrate

MOUSER STOCK NO.	Type	Range of Values Per Kit (Ω)	Price
370-270-1	1/8W - 50ppm	4.75, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	29.95
370-271-1	1/4W - 50ppm		29.95
370-273-1	1/2W - 100ppm		34.95
370-270-2	1/8W - 50ppm	1.1K, 1.5K, 1.8K, 2K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	29.95
370-271-2	1/4W - 50ppm		29.95
370-273-2	1/2W - 100ppm		34.95
370-270-3	1/8W - 50ppm	110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	29.95
370-271-3	1/4W - 50ppm		29.95
370-273-3	1/2W - 100ppm		34.95

METAL FILM "C-PAC" RESISTOR ASSORTMENT



Features:
- 1% tolerance
- 72 different values
- Individually labeled packs
- 1/4W
- Range: 4.02Ω to 1MΩ
- Pieces in kit: 14,400

MOUSER STOCK NO.	Type	Range of Values Per Kit (Ω)	Price
370-271-C	50ppm	**200 each of:** 4.75, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330 390, 430, 560, 620, 750, 820, 910, 1K, 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	329.95

Please see pages 445 and 446 for additional Prototype Kits.

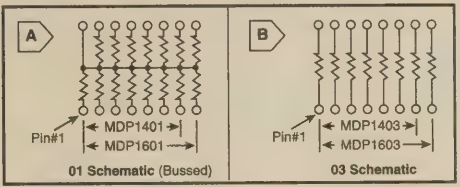
SHAY MDP THICK FILM RESISTOR NETWORKS

tures:

- ual-in-line, molded DIP
- 60" [4.06mm] maximum seated height
- ugged, molded case construction
- ighly stable thick film
- ow temperature coefficient (-55°C to +125°C) ±100PPM/°C
- ompatible with automatic inserting equipment
- /ide resistance range

ctrical Specifications:

- olerance: ±2% standard
- emperature coefficient: -55°C to +125°C
- lesistor power rating: 70°C max.
- 1 Schematics = .125 watt; 03 Schematic = .250 watt
-)perating temperature range: -55°C to +125°C



01 Schematic (Bussed)

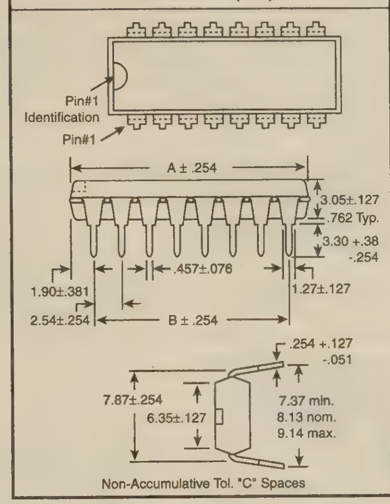
03 Schematic

TYPE	Dim. A (mm)	Dim. B (mm)	C
MDP14	19.05	15.24	6
MDP16	21.59	17.78	7

Table of Values (Ω)

22	150	820	5.1K	33K	220K
27	180	1K	5.6K	39K	330K
33	200	1.2K	6.8K	47K	390K
39	220	1.5K	8.2K	51K	470K
47	270	1.8K	10K	68K	510K
51	330	2K	12K	82K	560K
56	390	2.2K	15K	100K	680K
68	470	2.7K	18K	120K	820K
82	510	3.3K	20K	150K	1M
100	560	3.9K	22K	180K	
120	680	4.7K	27K	200K	

DIMENSIONS (mm)



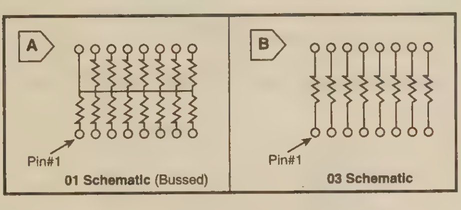
Non-Accumulative Tol. "C" Spaces

MOUSER STOCK NO.	Fig.	No. of Pins	Price Each			
			1	25	100	200
-MDP1401-Value	A	14	.56	.52	.45	.39
-MDP1601-Value	A	16	.56	.52	.45	.39
-MDP1403-Value	B	14	.56	.52	.45	.39
-MDP1603-Value	B	16	.56	.52	.45	.39

ISHAY SOMC THICK FILM RESISTOR NETWORKS

atures:

- 050" [1.27mm] lead spacing
- 090" [2.29mm] maximum seated height
- Rugged, molded case construction
- Highly stable thick film
- ow temperature coefficient (-55°C to +125°C) ±100PPM/°C
- Reduces total assembly costs
- Compatible with automatic surface mounting equipment
- Vide resistance range available
- Uniform performance characteristics
- Meets EIA PDP100, SOGN-0002 outline dimensions
- Available in tube pack or tape and reel



01 Schematic (Bussed)

03 Schematic

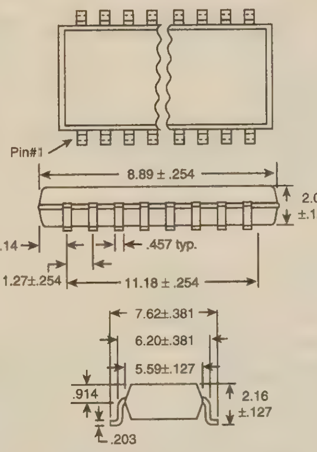
Electrical Specifications:

- Resistance range: 10 ohm to 1 Megohm standard. Zero ohm humpers available.
- Tolerance: 01 and 03 schematic= ±2% standard. ±1%, ±5%, ±10%, ±20% available.
- Temperature coefficient: (-55°C to +125°C) ±100PPM/°C typical
- Resistor power rating: 70°C max.
  01 Schematics = .080 watt; 03 Schematic = .160 watt
- Operating temperature range: -55°C to +125°C

To order reels: add "/R" to Mouser Stock No.

Available in 14 pin style, additional resistance values, and isolated and bussed styles.

DIMENSIONS (mm)

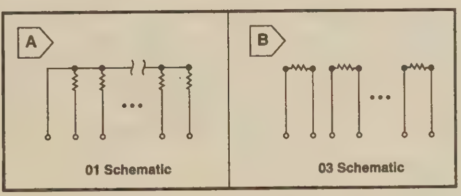


MOUSER STOCK NO.	Fig.	No. of Pins	Values (Ω)	Price Each				Price Per Reel of 2000
				1	50	100	200	
1-SOMC1601-Value	A	16	22, 470, 1K, 2.2K, 4.7K, 6.8K, 10K, 22K, 47K,100K	.94	.75	.66	.56	770.80
1-SOMC1603-Value	B	16	22, 33, 47, 100, 220, 330, 1K, 2.2K, 4.7K, 10K, 100K	.94	.75	.66	.56	770.80

ISHAY MSP 2% THICK FILM RESISTOR NETWORKS

eatures:

- .195" [4.95mm] "A" or .350" [8.89mm] "C" maximum seated height
- Highly stable thick film
- Low temperature coefficient: -55°C to +125°C ±100PPM/°C
- Rugged, molded case construction
- Reduces total assembly costs
- Compatible with automatic insertion equipment
- Reduces PC board space



01 Schematic

03 Schematic

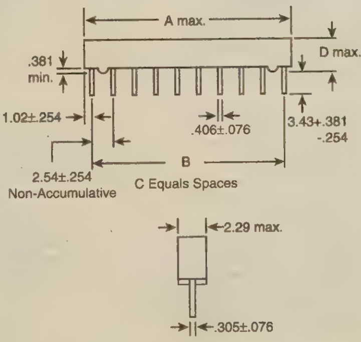
lectrical Specifications:

- Resistance range: 10Ω to 2.2MΩ standard
- Tolerance: 01 and 03 Schematics: ±2% standard
- Temperature coefficient: -55°C to +125°C ±100PPM/°C
- Resistor power rating: maximum @ +70°C
  01 Schematic = .20 watt; 03 Schematic = .30 watt

Mechanical Specifications:

- Marking resistance to solvents: permanency testing per MIL-STD-202, Method 215
- Solderability: per MIL-STD-202, Method 208E, RMA flux
- Body: molded epoxy
- Terminal: copper alloy, tin-lead plated

DIMENSIONS (mm)



Model	A (Max.)	B	C
MSP06	14.99	12.70	5
MSP08	20.07	17.78	7
MSP10	25.15	22.86	9

D (Max.)
MSPxxA = 4.95
MSPxxC = 8.89

MOUSER STOCK NO.	Fig.	No. of Pins	Price Each			
			1	25	100	200
71-MSP06A01-Value	A	6	.35	.32	.30	.24
71-MSP06A03-Value	B	6	.35	.32	.30	.24
71-MSP08A01-Value	A	8	.40	.37	.35	.28
71-MSP08A03-Value	B	8	.40	.37	.35	.28
71-MSP10A01-Value	A	10	.48	.44	.40	.33
71-MSP10A03-Value	B	10	.48	.44	.40	.33

Other Values Available
Call (800) 346-6873 for more details

Table of Values (Ω)

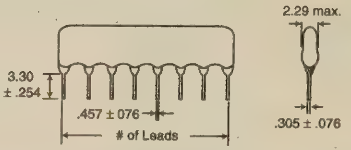
470	1.0K	2.0K	2.2K	2.7K	3.3K
4.7K	10K	22K	47K	100K	

Resistor Networks

CSC THICK FILM CONFORMAL COATED SIP RESISTOR NETWORKS 2%

Specifications:
- Standard resistance tolerance: ±2%
- Operating temperature range: -55°C to +125°C
- Temperature coefficient of resistance: (-55°C to +125°C) ±100ppm/°C typical
- Operating voltage: 100VDC max.
- Resistor power rating: (max. @ +70°C) fig. A .20W, fig. B .30W

Features:
- .195 (4.95mm) "A"
- "A" profile standard in 6 thru 10 pins



DIMENSIONS (mm)

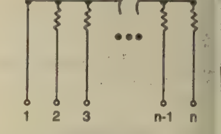
One Common Pin Configuration

MOUSER STOCK NO.	Fig.	Value (Ω)	Power Dissipation		No. of Pins (N)	No. of Res.	Price Each				
			Per Circuit	Total Pkg. (Max.)			1	100	200	500	1000
71-CSC06A01-Value	A	100, 200, 220, 330, 560, 680, 1K, 1.5K, 2.2K, 3.3K, 4.7K, 6.8K, 10K, 22K, 47K, 56K, 100K, 220K, 330K, 470K, 1M	.125	.75	6	5	.19	.15	.13	.11	Call For Quote
71-CSC08A01-Value	A	330, 470, 1K, 2.2K, 4.7K, 10K, 22K, 33K, 47K, 100K, 1M	.125	1	8	7	.25	.19	.18	.14	
71-CSC10A01-Value	A	100, 150, 200, 220, 330, 470, 1K, 1.5K, 2.2K, 3.3K, 4.7K, 10K, 22K, 33K, 47K, 51K, 56K, 100K, 470K, 1M	.125	1.25	10	9	.29	.23	.21	.17	

Isolated Configuration

MOUSER STOCK NO.	Fig.	Value (Ω)	Power Dissipation		No. of Pins (N)	No. of Res.	Price Each				
			Per Circuit	Total Pkg. (Max.)			1	100	200	500	1000
71-CSC06A03-Value	B	100, 150, 220, 470, 820, 1K, 2.2K, 4.7K, 10K, 56K, 82K, 100K, 200K, 470K	.2	.75	6	3	.19	.15	.13	.11	Call For Quote
71-CSC08A03-Value	B	22, 47, 100, 150, 220, 330, 470, 680, 1K, 1.5K, 2.2K, 3.3K, 4.7K, 10K, 22K, 47K, 68K, 100K, 150K, 200K, 470K, 1M	.2	1	8	4	.25	.19	.18	.14	
71-CSC10A03-Value	B	22, 47, 100, 220, 470, 1K, 3.3K, 4.7K, 5.6K, 10K, 15K, 47K, 100K, 1M	.2	1.25	10	5	.29	.23	.21	.17	

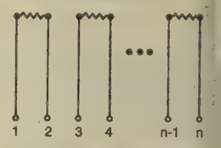
01 Schematic



Pin One Common, 5, 7, or 9 Resistors

A

03 Schematic



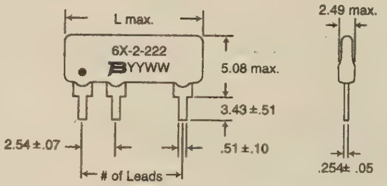
Isolated Resistors 2 through 5

B

BOURNS 4600 SERIES CONFORMAL COATED SIP RESISTOR NETWORKS 2%

Specifications:
- Standard resistance range: 22Ω to 1MΩ
- Standard resistance tolerance 50-5m ±2% (<49Ω=1 ohm)
- Operating temperature range: -55°C to +125°C
- Temperature coefficient of resistance: ±100ppm/°C (<50Ω = ±250ppm/°C)
- Operating voltage: 100VDC max.
- Insulation resistance: 10,000MΩ min.

Features:
- Low profile is compatible with dips
- Ammo-pak packaging available
- Recommended for rosin flux, and solvent clean or no clean flux process



DIMENSIONS (mm)

No. of Leads	6	8	10
"L" Max. (mm)	15.19	20.27	25.3

Bussed Configuration

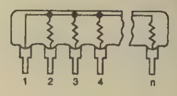
MOUSER STOCK NO.	Fig.	Mfg. Series	Power Dissipation (W @ 70°C)		No. of Pins (N)	No. of Res.	Price Each				
			Per Circuit	Total Pkg. Max.			1	100	200	500	1000
652-4606X-101-Value	A	101	.20	.75	6	5	.19	.17	.15	.13	.11
652-4608X-101-Value	A	101	.20	1.00	8	7	.23	.21	.19	.17	.14
652-4610X-101-Value	A	101	.20	1.25	10	9	.29	.24	.22	.20	.17

Isolated Configuration

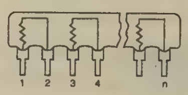
MOUSER STOCK NO.	Fig.	Mfg. Series	Power Dissipation (W @ 70°C)		No. of Pins (N)	No. of Res.	Price Each				
			Per Circuit	Total Pkg. Max.			1	100	200	500	1000
652-4606X-102-Value	B	102	.30	.75	6	3	.19	.17	.15	.13	.11
652-4608X-102-Value	B	102	.30	1.00	8	4	.23	.21	.19	.17	.14
652-4610X-102-Value	B	102	.30	1.25	10	5	.29	.24	.22	.20	.17

Table of Values (Ω)

22	820	33K
27	1K	39K
33	1.2K	47K
39	1.5K	51K
47	1.8K	56K
51	2K	68K
56	2.2K	82K
68	2.7K	100K
82	3.3K	120K
100	3.9K	150K
120	4.7K	180K
150	5.1K	200K
180	5.6K	220K
200	6.8K	270K
220	8.2K	330K
270	10K	390K
330	12K	470K
390	15K	510K
470	18K	560K
510	20K	680K
560	22K	820K
680	27K	1M



A



B

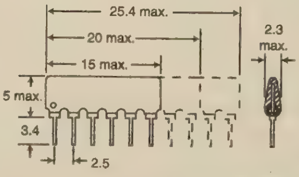
XICON LOW PROFILE THICK FILM SIP RESISTOR NETWORKS 2%; 100ppm/°C

Passive Components

Specifications:
- Resistance range: 10Ω to 1MΩ
- Resistance tolerance: ±2%
- Temperature coefficient: 100ppm/°C
- Power rating: 1/8W per resistor
- Operating temperature range: -55°C to +150°C
- Solderability: per MIL-R-83401

MEETS MIL SPECS™

MIL-R-83401



DIMENSIONS (mm)

For quantities greater than listed, call for quote.

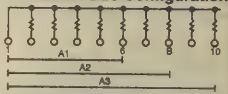
MOUSER STOCK NO.	Fig.	Cross Reference		No. of Pins (N)	No. of Res.	Price Each				
		Bourns	Allen-Bradley			1	100	500	1000	2000
264-Value	A1	4606-101	106A	6	5	.15	.09	.08	.075	.06
265-Value	A2	4608-101	108A	8	7	.20	.13	.12	.11	.088
266-Value	A3	4610-101	110A	10	9	.25	.17	.15	.14	.112
267-Value	B1	4606-102	106B	6	3	.15	.09	.08	.075	.06
268-Value	B2	4608-102	108B	8	4	.20	.13	.12	.11	.088
269-Value	B3	4610-102	110B	10	5	.25	.17	.15	.14	.112

Other Values Available Upon Request

Table of Values (Ω)

10	180	1.8K	15K	150K
22	220	2K	18K	180K
27	270	2.2K	20K	220K
33	330	2.7K	22K	270K
39	390	3.3K	27K	330K
47	470	3.9K	33K	390K
51	510	4.7K	39K	470K
56	560	5.1K	47K	560K
68	680	5.6K	56K	680K
82	820	6.8K	68K	820K
100	1K	8.2K	82K	1M
120	1.2K	10K	100K	
150	1.5K	12K	120K	

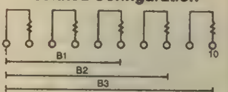
Common Bus Configuration



Pin 1 Common,5 ,7, or 9 Resistors
6, 8, or 10 Pin Single-In-Line Package

A

Isolated Configuration



3, 4, or 5 Isolated Resistors
6, 8, or 10 Pins Single-In-Line Package

B

TYPE LVR LOW VALUE WIREWOUND RESISTORS - 1%

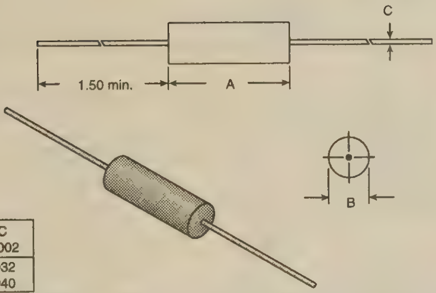
ecifications:

Resistance tolerance: ±1%
emperature coefficient: -55 to +125°C, referenced to +25°C
Short time overload: 5 sec. @ 5 times rated power
Meets MIL-R-49465

Available in LVR5 only.

Table of Values in (Ω)

0.005	0.03	0.1
0.01	0.04	0.15
0.015	0.05	0.2
0.02	0.07	*0.25
0.025	0.08	*0.3



DIMENSIONS (IN.)

Series	A ±.010	B ±.010	C ±.002
LVR-3	.560	.205	.032
LVR-5	.925	.330	.040

LVR3, 3 Watts For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value Range	Price Each			
		1	10	25	50
71-LVR3-Value	0.005	1.37	1.27	1.14	1.05
71-LVR3-Value	0.01 - 0.08	1.20	1.12	1.01	.92
71-LVR3-Value	0.1 - 0.2	.97	.90	.81	.74

LVR5, 5 Watts For quantities greater than listed, call for quote.

71-LVR5-Value	0.005	1.68	1.56	1.40	1.29
71-LVR5-Value	0.01 - 0.08	1.34	1.24	1.12	1.03
71-LVR5-Value	0.1 - 0.3	1.19	1.11	1.00	.91

TYPE RS SILICONE COATED WIREWOUND RESISTORS- 1%

eatures:

Complete welded construction
High temperature silicone coating
Meets applicable requirements of MIL-R-26

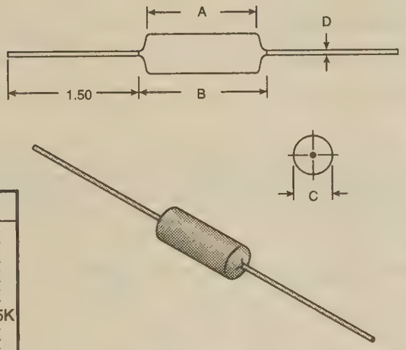
Specifications:

- Resistance tolerance: ±1%
- Dielectric strength: 1000VAC
- Insulation resistance: 1000MΩ

Available in RS5 only.

Table of Values in (Ω)

.1	1.5	25	110	330	800	2.7K	6.8K	16K
.13	2.0	27	120	350	820	3.0K	7.0K	18K
.15	3.0	30	125	390	900	3.3K	7.5K	20K
.2	4.0	33	150	400	1.0K	3.5K	8.0K	22K
.25	5.0	47	180	450	1.2K	3.9K	8.2K	22.5K
.3	7.5	50	200	470	1.25K	4.0K	9.0K	*25K
.33	10	56	220	500	1.5K	4.5K	10K	*40K
.5	15	68	225	560	1.8K	4.7K	11K	*50K
.75	18	75	250	600	2.0K	5.0K	12K	*68K
.0	20	82	270	620	2.2K	5.6K	12.5K	*75K
.2	22	100	300	700	2.5K	6.0K	15K	



DIMENSIONS (IN.)

Series	A	B	C	D
RS2B	.560	.622	.187	.032
RS5	.875	1.00	.312	.040

Cross Reference Chart

Dale	Ohmite	Clarostat
RS2B	43F	SC3D
RS5	45F	SC5E

RS2B, 3 Watts For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value Range	Price Each			
		1	10	25	50
71-RS2B-Value	0.1 - 0.75	1.08	.97	.89	.84
71-RS2B-Value	1.0 - 1.0K	.62	.56	.52	.48
71-RS2B-Value	1.2K - 6.0K	.74	.67	.62	.57
71-RS2B-Value	6.8K - 10K	.96	.86	.79	.74
71-RS2B-Value	11K - 22.5K	1.42	1.28	1.17	1.10

RS5, 5 Watts For quantities greater than listed, call for quote.

71-RS5-Value	0.1 - 0.75	1.24	1.12	1.02	.96
71-RS5-Value	1.0 - 1.0K	1.08	.97	.89	.84
71-RS5-Value	1.2K - 10K	.84	.76	.69	.65
71-RS5-Value	11K - 22.5K	1.24	1.12	1.02	.96
71-RS5-Value	25K	1.52	1.37	1.25	1.18
71-RS5-Value	40K, 50K	1.86	1.67	1.53	1.44
71-RS5-Value	68K, 75K	2.32	2.09	1.91	1.80

TYPE CW SILICONE COATED WIREWOUND RESISTORS

eatures:

- Silicone coating
- High temperature
- Complete welded construction
- Excellent stability in operation
- High power/size ratio

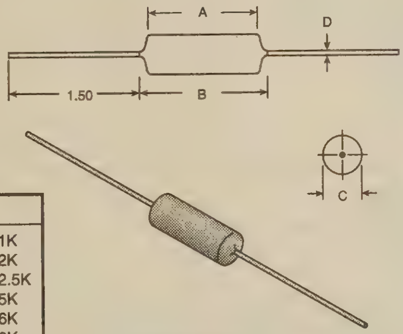
Specifications:

- Resistance tolerance: <1Ω=±10%, ≥1Ω=±5%
- Temp. coefficient: ±90PPM/°C below 1Ω
  ±50PPM/°C 1Ω-7.5Ω
  ±30PPM/°C 10Ω-25KΩ
- Dielectric strength: 1000VAC min.

Available in CW5 only.

Table of Values in (Ω)

0.1	0.75	12	39	125	350	800	2.2K	5.0K	11K
0.13	1.0	15	40	150	390	820	2.5K	5.6K	12K
0.15	1.5	18	47	180	400	900	2.7K	6.0K	12.5K
0.2	2.0	20	50	200	450	1.0K	3.0K	6.8K	15K
0.22	2.7	22	56	220	470	1.1K	3.3K	7.0K	*16K
0.25	3.0	25	68	225	500	1.2K	3.5K	7.5K	*18K
0.27	4.0	27	75	250	560	1.25K	3.9K	8.0K	*20K
0.3	5.0	30	82	270	600	1.5K	4.0K	8.2K	*22K
0.33	7.5	33	100	300	680	1.8K	4.5K	9.0K	*22.5K
0.5	10	35	120	330	750	2.0K	4.7K	10K	*25K



DIMENSIONS (IN.)

Series	A	B	C	D
CW2B	.562	.622	.188	.032
CW5	.872	1.00	.312	.040

Cross Reference Chart † Vitreous Coated

Dale	Ohmite	Clarostat
CW2B	† 23J	† VC3D
CW5	† 25J	† VC5E

CW2B, 3 Watts For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value Range	Price Each			
		1	10	25	50
71-CW2B-Value	0.1 - 0.75	.44	.40	.37	.34
71-CW2B-Value	1.0 - 1.0K	.40	.36	.33	.31
71-CW2B-Value	1.1K - 3.0K	.44	.40	.37	.34
71-CW2B-Value	3.3K - 10K	.52	.47	.43	.40
71-CW2B-Value	11K - 15K	.56	.51	.47	.43

CW5, 5 Watts For quantities greater than listed, call for quote.

71-CW5-Value	0.1 - 0.75	.56	.50	.46	.43
71-CW5-Value	1.0 - 1.0K	.46	.42	.38	.35
71-CW5-Value	1.1K - 10K	.52	.47	.43	.40
71-CW5-Value	11K - 20K	.70	.64	.58	.54
71-CW5-Value	22K - 25K	.77	.70	.64	.59

TYPE RH CHASSIS MOUNT WIREWOUND RESISTORS - 1%

Features:

- Aluminum housed
- Molded construction for total environmental protection
- Complete welded construction
- Mounts on chassis to utilize heat-sink effect

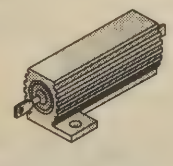
Specifications:

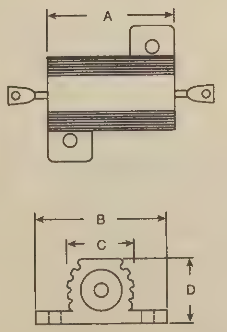
- Resistance tolerance: ±1%
- Temperature coefficient: -55 to +250°C
- Short time overload: 5 sec. @ 5 times rated power

* Not available in RH-10.

Table of Values in (Ω)

0.01	0.68	4.0	20	120	1.5K
0.05	0.75	4.7	25	150	1.8K
0.1	0.82	5.0	27	200	2.0K
0.15	1.0	6.0	30	220	*3.0K
0.2	1.5	7.0	33	250	3.3K
0.22	2.0	7.5	40	330	5.0K
0.27	2.2	8.0	47	470	10K
0.3	2.5	10	50	500	20K
0.33	2.7	12	56	680	25K
0.5	3.0	15	68	1.0K	50K
0.56	3.3	16	100	1.2K	





DIMENSIONS (IN.)

Series	A	B	C	D
RH-10	.750	.800	.420	.390
RH-25	1.062	1.080	.550	.546
RH-50	1.968	1.140	.630	.610

RH10, 12.5 Watts For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value Range	Price Each			
		1	10	25	50
71-RH10-Value	0.01 - 0.05	6.40	5.12	4.25	3.66
71-RH10-Value	0.1 - 0.82	3.26	2.45	1.96	1.63
71-RH10-Value	1.0 - 1.0K	2.70	2.03	1.62	1.35
71-RH10-Value	1.2K - 10K	2.83	2.13	1.70	1.41
71-RH10-Value	20K - 25K	4.26	3.20	2.56	2.12

RH-25, 25 Watts For quantities greater than listed, call for quote.

71-RH25-Value	0.01 - 0.05	6.85	5.48	4.55	3.92
71-RH25-Value	0.1 - 0.82	4.26	3.20	2.56	2.12
71-RH25-Value	1.0 - 1.0K	3.70	2.78	2.22	1.84
71-RH25-Value	1.2K - 10K	3.53	2.65	2.12	1.76
71-RH25-Value	20K - 50K	4.99	3.75	3.00	2.49

RH-50, 50 Watts For quantities greater than listed, call for quote.

71-RH50-Value	0.01 - 0.05	7.38	5.90	5.41	5.25
71-RH50-Value	0.1 - 0.82	6.25	5.00	4.15	3.58
71-RH50-Value	1.0 - 1.0K	4.80	3.60	2.88	2.40
71-RH50-Value	1.2K - 10K	5.23	3.93	3.14	2.61
71-RH50-Value	20K - 50K	5.70	4.56	3.78	3.26

Power Wirewound Resistors

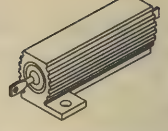
XICON ARCOL ALUMINUM HOUSED WIREWOUND POWER RESISTORS

Features:

- Anodized aluminum housing ensures good humidity seal
- Designed for chassis or heat-sink mounting for maximum heat dissipation
- Terminations are silver plated
- High level voltage protection
- Any value less than maximum specified in table available by special order.

Specifications:

- Insulation resistance: 10 GΩ
- Dielectric strength: 1000VAC peak (10-15W); 2500VAC (25-50W); 5000VAC (100W)
- Resistant element: copper-nickel alloy or nickel chrome alloy
- Housing: anodized aluminum
- Core material: ceramic steatite
- Low inductance and special terminations available
- NHS - Low inductance series
- Available in 75, 150, 250, and 300 watt sizes
- 5% tolerance below 1Ω



MEETS MIL SPECS

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Wattage Rating (Heat Sink Mounted)	Dimensions (mm) Body Length	Lead Length	Width	Height	Mounting Holes (Dia.)	Stocked Values (Ω)	Price Each 1	10	25	50
284-HS10-Value	10 watt 5%	17	6.5	17	9	2.4	0.1-0.82	3.18	2.70	2.60	2.20
284-HS15-Value	15 watt 5%	21	7.75	21	11	2.4		2.99	2.40	1.96	1.64
284-HS25-Value	25 watt 5%	29	11	28	15	3.2		3.49	3.15	2.49	2.10
284-HS50-Value	50 watt 5%	51	10.75	30	17	3.2		4.35	4.00	3.69	3.25
284-HS100-Value	100 watt 5%	65.5	11.25	48	26	4.4		15.65	14.73	13.49	11.99
284-HS10-(Value)F	10 watt 1%	17	6.5	17	9	2.4	1.0-5K	2.49	2.08	1.85	1.50
284-HS15-(Value)F	15 watt 1%	21	7.75	21	11	2.4	1.0-2K	2.57	2.00	1.80	1.30
							3K-5K	2.79	2.10	1.68	1.40
284-HS25-(Value)F	25 watt 1%	29	11	28	15	3.2	1.0-2K	2.79	2.42	2.20	1.80
							3K-25K	3.49	2.60	2.30	1.95
284-HS50-(Value)F	50 watt 1%	51	10.75	30	17	3.2	1.0-5K	3.97	3.31	2.85	2.35
							10K-50K	4.30	3.60	3.26	2.96
284-HS100-(Value)F	100 watt 1%	65.5	11.25	48	26	4.4	++ (see table)	14.50	13.21	12.01	10.92
								1	2	5	25
284-NHS100-(Value)F	100 watt 1%	65.5	11.25	48	26	4.4	2.0, 4.0, 8.0, 16, 50	19.95	17.25	15.95	14.95
284-NHS200-(Value)F	200 watt 1%	90.0	28	73	45	5.1		39.95	35.95	32.25	29.95
284-NHS300-(Value)F	300 watt 1%	128	28.5	73	45	6.6		69.95	62.95	56.49	50.75

1% Tolerance (values less than 1ohm 5% tolerance)

++ These values are available from stock in 100 watt.
Other values are available in 100 watt by special order.

Table of Values in Ω

0.1++	0.68	4.0	22++	68	470++	10K++
0.15	0.82	4.7++	25	75	500	20K++
0.22++	1.0++	5.0	27	100++	680	25K
0.27	1.5	8.0	30	120	1K++	50K
0.33	2.0++	7.5++	33++	150++	1.5K	
0.47++	2.2++	10++	40	200	2K++	
0.5++	2.7++	15++	47++	220++	3K++	
0.51	3.0	16	50	250	3.3K	
0.56	3.3	20	56	330	5K	

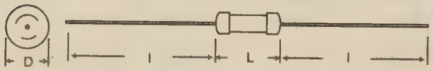
XICON METAL OXIDE POWER RESISTORS

Passive Components

✻ Not stocked in 5 wat

Table of Values in (Ω) for 281, 282, 283, and 286

✻0.47	✻0.91	✻2.0	✻4.3	9.1	20	43	91	200	430	910	2.0K	4.3K	9.1K	20K	39K	75K	150K	✻300K	✻560K
✻0.5	✻1.0	✻2.2	✻4.7	10	22	47	100	220	470	1.0K	2.2K	4.7K	10K	22K	43K	82K	✻160K	✻330K	✻620K
✻0.51	✻1.1	✻2.4	5.1	11	24	51	110	240	510	1.1K	2.4K	5.1K	11K	24K	47K	91K	✻180K	✻360K	✻680K
✻0.56	✻1.2	✻2.7	5.6	12	27	56	120	270	560	1.2K	2.7K	5.6K	12K	27K	51K	100K	✻200K	✻390K	✻750K
✻0.62	✻1.3	3.0	6.2	13	30	62	130	300	620	1.3K	3.0K	6.2K	13K	30K	56K	110K	✻220K	✻430K	✻820K
✻0.68	✻1.5	✻3.3	6.8	15	33	68	150	330	680	1.5K	3.3K	6.8K	15K	33K	62K	120K	✻240K	✻470K	✻910K
✻0.75	✻1.6	✻3.6	7.5	16	36	75	160	360	750	1.6K	3.6K	7.5K	16K	36K	68K	130K	✻270K	✻510K	✻1.0M
✻0.82	✻1.8	✻3.9	8.2	18	39	82	180	390	820	1.8K	3.9K	8.2K	18K						



1 or 2 watt metal oxide available on tape and reel

Specifications:

- Temperature coefficient: ±350ppm
- Resistance tolerance: ±5%
- Max working voltage: 1W, 2W, 3W: 350V
  5W: 500V

Features:

- Smaller size
- Excellent flame retardant coating
- Stable performance in diverse environments
- Flame resistant

Small Size Metal Oxide Power Resistors

- Temp. range: -55°C to +155°C

MOUSER STOCK NO.	Rated Power (Watts)	Value Range (Ω)	Dimensions (mm) L	D	l (Min)	Price Per Piece Per Value 1	100	1000	5000	10,000	25,000
281-Value	1	0.47-1.0M	10	4	28	.13	.09	.05	.045	.040	Call For Quote
282-Value	2	0.47-1.0M	12	5	28	.19	.10	.06	.056	.049	
283-Value	3	0.47-1.0M	16	5.5	28	.39	.25	.15	.123	.103	
286-Value	5	5.1-150K	25	8	28	.49	.33	.30	.27	.194	

Metal Oxide Power Resistors

- Temp. range: -55°C to +200°C

MOUSER STOCK NO.	Rated Power (Watts)	Value Range (Ω)	Dimensions (mm) L	D	l (Min)	Price Per Piece Per Value 1	100	1000	5000	10,000	25,000	50,000	100,000
261-Value	1	0.47-1.0M	12	4.5	27	.13	.09	.05	.045	.042	.035	.032	Call
262-Value	2	0.47-1.0M	16	5.5	27	.19	.10	.06	.056	.052	.045	.04	Call

XICON PRM VERTICAL MOUNT CEMENT POWER RESISTORS

Passive Components

Features:

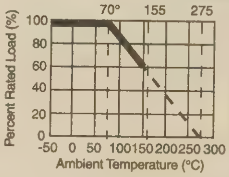
- Exceptionally small, sturdy, and reliable
- Sealed with a special cement
- Excellent moisture resistance
- High temperature stability
- Ceramic flame retardant package

Specifications:

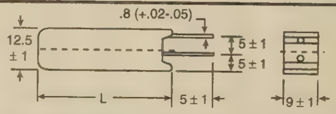
- Tolerance: ±5%
- Temperature coefficient: ±350ppm/°C max; <20Ω ±400ppm/°C

Table of Values in Ω for PRM Series

0.1	0.68	6.8	20	100	2K
0.3	1.0	10	47	150	10K
0.47	3.0	15	75	1K	



DIMENSIONS (mm)



(5W leads centered 5mm±1mm lead space. 7W and 10W are offset)

MOUSER STOCK NO.	Watts	Length (mm) L ± 1	Resistance Range Wirewound	Power Film	Price Each 1	10	100	500
280-PRM5-Value	5	25	0.1Ω~47Ω	48Ω~100KΩ	.36	.31	.23	.19
280-PRM7-Value	7	38	0.1Ω~680Ω	681Ω~200KΩ	.51	.41	.31	.28
280-PRM10-Value	10	50	0.1Ω~910Ω	911Ω~200KΩ	.68	.54	.42	.37

XICON CEMENT POWER RESISTORS

Passive Components

Features:

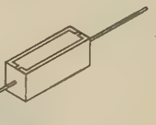
- Extremely small and sturdy
- Mechanically safe
- Self-extinguishing
- Excellent flame and moisture resistance

Specifications:

- Temperature coefficient: ±350
- Tolerance: ±5%
- Operating temperature: -40°C to +200°C

DIMENSIONS (mm)

Watts	L	W	H
5	22	10	9
10	49	10	9
15	49	12.5	11.5
25	64	14.5	13.5



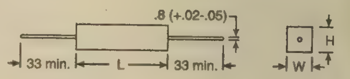


Table of Values in Ω for 280-CR Series

0.1	0.47	1.0	2.4	5.1	12	27	62	160	350	680	1.6K	4.7K
0.15	0.5	1.1	2.7	5.6	13	30	68	180	360	750	1.8K	5.0K
0.2	0.51	1.2	3.0	6.2	15	33	75	200	390	820	2.0K	10K
0.22	0.56	1.3	3.3	6.8	16	36	82	220	430	910	2.2K	20K
0.27	0.62	1.5	3.6	7.5	18	39	91	240	470	1.0K	2.4K	25K
0.3	0.68	1.6	3.9	8.2	20	43	100	250	500	1.1K	2.7K	
0.33	0.75	1.8	4.0	9.1	22	47	120	270	510	1.2K	3.0K	
0.39	0.82	2.0	4.7	10	24	50	130	300	560	1.3K	3.3K	
0.43	0.91	2.2	5.0	11	25	56	150	330	620	1.5K	3.9K	

MOUSER STOCK NO.	Watts	Range of Values (Ω)	Price Each 1	10	100	500	1000	5000	10,000
280-CR5-Value	5	.1 to 25K	.39	.32	.24	.21	.17	.13	.11
280-CR10-Value	10	.1 to 25K	.55	.47	.35	.27	.24	.20	.18
280-CR15-Value	15	1.0 to 1.0K	.63	.57	.47	.33	.28	.20	Call
280-CR25-Value	25	2.0 to 1.0K	1.09	.99	.82	.58	.48	.34	Call

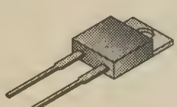
CH35P SERIES THICK FILM POWER RESISTORS

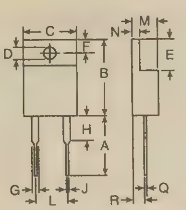
eatures:

Non-Inductive design
Single screw mounting
simplifies heat sink attachment
Resistance element is electrically
insulated from metal heat sink mounting tab

Specifications:

- Resistance tolerance: 5%
- Maximum operating voltage: 350V
- Dielectric strength: 1800VAC
- Power rating: 35W @ 25°C
- Working temperature range: -55°C ~ +175°C





Dimension	Inches	
	Min.	Max.
A	.500	.579
B	.571	.591
C	.390	.410
D	.139	.148
E	.230	.250
F	.112	.120
G	.046	.054

Dimension	Inches	
	Min.	Max.
H	- - -	.157
J	.027	.034
L	.190	.210
M	.159	.190
N	.047	.055
Q	.022	.028
R	.080	.089

5W TO220 Style

MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	25	100	500
88-TCH35P-0.1	.1	3.07	2.88	2.79	2.69
88-TCH35P-0.15	.15	3.07	2.88	2.79	2.69
88-TCH35P-0.24	.24	3.07	2.88	2.79	2.69
88-TCH35P-0.33	.33	3.07	2.88	2.79	2.69
88-TCH35P-0.39	.39	3.07	2.88	2.79	2.69
88-TCH35P-0.47	.47	3.07	2.88	2.79	2.69
88-TCH35P-0.51	.51	3.07	2.88	2.79	2.69
88-TCH35P-0.75	.75	3.07	2.88	2.79	2.69
88-TCH35P-1.0	1	3.07	2.88	2.79	2.69
88-TCH35P-1.5	1.5	3.07	2.88	2.79	2.69
88-TCH35P-2.4	2.4	3.07	2.88	2.79	2.69
88-TCH35P-3.3	3.3	3.07	2.88	2.79	2.69

MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	25	100	500
588-TCH35P-3.9	3.9	3.07	2.88	2.79	2.69
588-TCH35P-4.7	4.7	3.07	2.88	2.79	2.69
588-TCH35P-5.1	5.1	3.07	2.88	2.79	2.69
588-TCH35P-7.5	7.5	3.07	2.88	2.79	2.69
588-TCH35P-10	10	3.07	2.88	2.79	2.69
588-TCH35P-15	15	3.07	2.88	2.79	2.69
588-TCH35P-24	24	3.07	2.88	2.79	2.69
588-TCH35P-33	33	3.07	2.88	2.79	2.69
588-TCH35P-39	39	3.07	2.88	2.79	2.69
588-TCH35P-47	47	3.07	2.88	2.79	2.69
588-TCH35P-51	51	3.07	2.88	2.79	2.69
588-TCH35P-75	75	3.07	2.88	2.79	2.69

MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	25	100	500
588-TCH35P-100	100	3.07	2.88	2.79	2.69
588-TCH35P-150	150	3.07	2.88	2.79	2.69
588-TCH35P-240	240	3.07	2.88	2.79	2.69
588-TCH35P-330	330	3.07	2.88	2.79	2.69
588-TCH35P-390	390	3.07	2.88	2.79	2.69
588-TCH35P-470	470	3.07	2.88	2.79	2.69
588-TCH35P-510	510	3.07	2.88	2.79	2.69
588-TCH35P-750	750	3.07	2.88	2.79	2.69
588-TCH35P-1K	1K	3.07	2.88	2.79	2.69
588-TCH35P-1.5K	1.5K	3.07	2.88	2.79	2.69
588-TCH35P-2K	2.2K	3.07	2.88	2.79	2.69
588-TCH35P-2.2K	2.2K	3.07	2.88	2.79	2.69

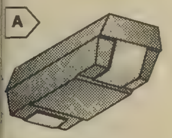
W SERIES WIREWOUND SURFACE MOUNT POWER RESISTORS

hese low value surface mount power resistors are ideal for current ensing applications and reduce the amount of space required by aditional power resistors. They offer higher power levels than onventional chip resistors. The body is molded with UL94V0 aterial rated at 205°C continuous. Flexible J-bend terminations duce solder joint breakage due to thermal expansion and vibration.

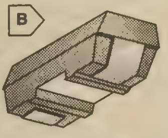
pecifications:

Tolerance: 5%
Dielectric strength: 1000V

- Flexible J-bend terminations
- TCR: ±90ppm/°C



Standard Pedestal Mount



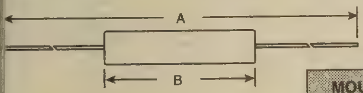
Recessed-base Mount

To Oder Reels add "**/REEL**" to Mouser stock no.

MOUSER STOCK NO.	Manufacturer's Type	Fig.	Value (Ω)	Watts (W)	Maximum Voltage (V)	Dimensions (In.)			Price Each			Price Per Reel	Reel Quantity
						Length	Height	Width	1	100	500		
588-RW1-.01	RW1S0BAR010J	A	.01	1.0	50	.246	.136	.136	1.92	1.70	1.45	2720.00	2000
588-RW1-.015	RW1S0BAR015J	A	.015	1.0	50	.246	.136	.136	1.92	1.70	1.45	2720.00	2000
588-RW1-.02	RW1S0BAR020J	A	.02	1.0	50	.246	.136	.136	1.92	1.70	1.45	2720.00	2000
588-RW1-.025	RW1S0BAR025J	A	.025	1.0	50	.246	.136	.136	1.92	1.70	1.45	2720.00	2000
588-RW1-.05	RW1S0BAR050J	A	.05	1.0	50	.246	.136	.136	1.92	1.70	1.45	2720.00	2000
588-RW1-.1	RW1S0BAR100J	A	.1	1.0	50	.246	.136	.136	2.33	2.06	1.75	3300.00	2000
588-RW1-.3	RW1S0BAR300J	A	.3	1.0	50	.246	.136	.136	2.33	2.06	1.75	3300.00	2000
588-RW1-.47	RW1S0BAR470J	A	.47	1.0	50	.246	.136	.136	2.33	2.06	1.75	3300.00	2000
588-RW1.5-.005	RW1S5CAR005J	A	.005	1.5	75	.394	.159	.159	1.70	1.50	1.28	1800.50	1500
588-RW1.5-.01	RW1S5CAR010J	A	.01	1.5	75	.394	.159	.159	1.70	1.50	1.28	1800.50	1500
588-RW1.5-.15	RW1S5CAR150J	A	.15	1.5	75	.394	.159	.159	2.24	1.98	1.68	2370.00	1500
588-RW2-.005	RW2S0CBR005J	A	.005	2.0	100	.407	.222	.226	1.68	1.49	1.27	1190.00	1000
588-RW2-.02	RW2S0CBR020J	A	.02	2.0	100	.407	.222	.226	1.68	1.49	1.27	1190.00	1000
588-RW2-.03	RW2S0CBR030J	A	.03	2.0	100	.407	.222	.226	1.68	1.49	1.27	1190.00	1000
588-RW2-.05	RW2S0CBR050J	A	.05	2.0	100	.407	.222	.226	1.68	1.49	1.27	1190.00	1000
588-RW2-.2	RW2S0CBR200J	A	.2	2.0	100	.407	.222	.226	2.13	1.89	1.61	1510.00	1000
588-RW3.5-.01	RW3R5EAR010J	B	.01	3.5	350	.811	.273	.273	2.13	1.89	1.61	1510.00	750
588-RW3.5-.02	RW3R5EAR020J	B	.02	3.5	350	.811	.273	.273	2.13	1.89	1.61	1510.00	750
588-RW3.5-.05	RW3R5EAR050J	B	.05	3.5	350	.811	.273	.273	2.13	1.89	1.61	1510.00	750
588-RW3.5-.1	RW3R5EAR100J	B	.1	3.5	350	.811	.273	.273	2.28	2.02	1.72	1215.00	750
588-RW3.5-.2	RW3R5EAR200J	B	.2	3.5	350	.811	.273	.273	2.28	2.02	1.72	1215.00	750
588-RW3.5-.5	RW3R5EAR500J	B	.5	3.5	350	.811	.273	.273	2.28	2.02	1.72	1215.00	750

0 SERIES METAL ELEMENT CURRENT SENSING RESISTORS

hese non-inductive, 3-piece welded element resistors, offer a reliable low-cost alternative to conventional resistors.



pecifications:

Resistance tolerance: ±3%
Material: nichrome resistive element
Inductance: <10nh

eatures:

Low cost
Wirewound performance
Flameproof

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Watts (W)	Ohms (Ω)	Dimensions (In.)		Lead Gauge	Price Each		
			A (Min.)	B (Max.)		1	100	500
588-603HR005	1/4	0.005	2.440	.155	24	.40	.34	.29
588-603HR015	1/4	0.015	2.440	.155	24	.40	.34	.29
588-603HR050	1/4	0.05	3.685	.330	20	.40	.34	.29
588-604HR010	3/8	0.01	3.530	.250	22	.40	.34	.29
588-604HR020	3/8	0.02	3.530	.250	22	.40	.34	.29
588-604HR025	3/8	0.025	3.530	.250	22	.40	.34	.29
588-605HR010	1/2	0.01	3.685	.330	20	.40	.34	.29
588-605HR020	1/2	0.02	3.685	.330	20	.40	.34	.29
588-605HR030	1/2	0.03	3.685	.330	20	.40	.34	.29
588-605HR100	1/2	0.1	3.981	.700	18	.40	.34	.29

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Watts (W)	Ohms (Ω)	Dimensions (In.)		Lead Gauge	Price Each		
			A (Min.)	B (Max.)		1	100	500
588-607HR050	3/4	0.05	3.587	.650	20	.40	.34	.29
588-607HR005	3/4	0.005	3.674	.320	20	.40	.34	.29
588-610HR005	1	0.005	3.587	.650	20	.40	.34	.29
588-610HR010	1	0.01	3.587	.650	20	.40	.34	.29
588-610HR020	1	0.02	3.587	.650	20	.40	.34	.29
588-610HR030	1	0.03	3.587	.650	20	.40	.34	.29
588-610HR050	1	0.05	3.981	.750	18	.40	.34	.29
588-615HR010	1 1/2	0.01	3.981	.750	18	.40	.34	.29
588-615HR020	1 1/2	0.02	3.981	.750	18	.40	.34	.29
588-615HR030	1 1/2	0.03	3.981	.750	18	.40	.34	.29
588-620HR005	2	0.005	3.981	.650	18	.40	.34	.29
588-630HR010	3	0.01	4.125	.750	18	.40	.34	.29
588-630HR025	3	0.025	4.125	1.264	18	.40	.34	.29
588-630HR050	3	0.05	4.125	1.780	18	.40	.34	.29

10 SERIES LO-MITE MOLDED SILICONE WIRE ELEMENT RESISTORS

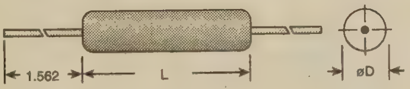
Specifications:

- Tolerance: ±1%
- Overload: 5 times rated wattage for 5 seconds
- Dielectric withstanding voltage: 1000VRMS for 3W and 5W; 500VRMS for 2W
- Insulation resistance: ≥1000MΩ
- Temperature range: -55°C to 275°C

Features:

- Ideal for current sensing application
- Low inductance (non-inductive below .25Ω)

Wattage	Dimensions (In.)		Lead Gauge
	L	øD	
2	.406	.094	20
3	.560	.205	20
5	.925	.330	18



2 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each			
		1	10	100	250
588-12FR005	.005	1.56	1.41	1.25	1.10
588-12FR010	.01	1.56	1.41	1.25	1.10
588-12FR020	.02	1.56	1.41	1.25	1.10
588-12FR025	.025	1.54	1.39	1.23	1.08
588-12FR050	.05	1.45	1.31	1.16	1.02
588-12FR080	.08	1.56	1.41	1.25	1.10
588-12FR100	.1	1.70	1.53	1.36	1.19

3 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each			
		1	10	100	250
588-13FR005	.005	1.55	1.40	1.24	1.09
588-13FR010	.01	1.46	1.31	1.17	1.02
588-13FR015	.015	1.46	1.31	1.17	1.02
588-13FR020	.02	1.40	1.26	1.12	.98
588-13FR025	.025	1.40	1.26	1.12	.98
588-13FR050	.05	1.38	1.24	1.10	.97
588-13FR070	.07	1.55	1.40	1.24	1.09
588-13FR080	.08	1.55	1.40	1.24	1.09
588-13FR100	.1	1.55	1.40	1.24	1.09
588-13FR150	.15	1.55	1.40	1.24	1.09
588-13FR200	.2	1.55	1.40	1.24	1.09

5 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each			
		1	10	100	250
588-15FR005	.005	1.85	1.67	1.48	1.29
588-15FR010	.01	1.79	1.61	1.43	1.25
588-15FR020	.02	1.79	1.61	1.43	1.25
588-15FR025	.025	1.79	1.61	1.43	1.25
588-15FR050	.05	1.75	1.58	1.40	1.22
588-15FR080	.08	1.72	1.55	1.38	1.20
588-15FR100	.1	1.72	1.55	1.38	1.20
588-15FR200	.2	1.72	1.55	1.38	1.20
588-15FR250	.25	1.72	1.55	1.38	1.20
588-15FR300	.3	1.72	1.55	1.38	1.20

OHMITE Power Resistors

OX/OY SERIES CERAMIC COMPOSITION RESISTORS

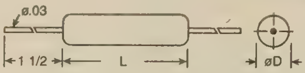
The OX/OY Series of fixed ceramic resistors are ideal for circuitry associated with surges, high peak power, or high energy. They can often replace carbon composition resistors which can be difficult to source.

Specifications:

- Resistance tolerance: ±10%
- Temp. coefficient: -1300 ±300ppm/°C

Features:

- Replaces 1 and 2 watt carbon composition resistors
- Meets high energy density demands
- High peak power



✻ Available in OY series only

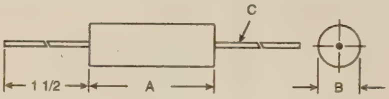
Table of Values for OX and OY Series in (Ω)

3.3	22	47	220	820	3.3K	12K	27K	100K
10	27	68	330	1K	4.7K	15K	33K	✻ 220K
12	33	100	470	1.5K	5.6K	18K	47K	✻ 1M
15	39	150	680	2.2K	10K	22K	68K	

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Dielectric Withstanding	Dimensions (In.)		Price Each		
			L	øD	1	100	1000
OX, 1 Watt							
588-OX-Value	3.3 ~ 100	500	.748	.256	**.77**	**.57**	**.46**
588-OX-Value	150 ~ 100K	500	.748	.256	**.71**	**.54**	**.43**
OY, 2 Watts							
588-OY-Value	3.3 ~ 100	700	.886	.315	**1.00**	**.74**	**.60**
588-OY-Value	150 ~ 100K	700	.886	.315	**.93**	**.69**	**.56**
588-OY-Value	220K ~ 1M	700	.886	.315	**1.07**	**.81**	**.64**

20 SERIES VITREOUS ENAMEL COATED RESISTORS



Features:

- Enamel coating
- Welded terminals
- Low temperature coefficient

Specifications:

- Resistance tolerance: ±5%
- Temperature coefficient 0.1 to 7.5Ω: ±50 ppm
  10Ω and over: ±30 ppm

Cross Reference Chart

Ohmite	Clarostat	Huntington
23J 25J 20J	VC3D VC5E VC20J	ALSR-3 ALSR-5 ALSR-10

† Huntington part numbers are silicone coated.

✻ Available in 25J and 20J only

Table of Values for 20 Series in (Ω)

0.1	2.0	25	75	270	680	2K	5K	✻ 15K
0.13	3.0	27	82	300	750	2.2K	6K	✻ 20K
0.15	4.0	30	100	330	800	2.5K	6.8K	✻ 22K
0.2	5.0	33	120	350	820	2.7K	7K	✻ 25K
0.25	7.5	35	125	390	900	3K	7.5K	
0.3	10	39	150	400	1K	3.3K	8K	
0.33	12	40	180	450	1.1K	3.5K	8.2K	
0.5	15	47	200	470	1.2K	3.9K	9K	
0.75	18	50	220	500	1.25K	4K	10K	
1.0	20	56	225	560	1.5K	4.5K	✻11K	
1.5	22	68	250	600	1.8K	4.7K	✻12K	

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Dimensions (In.) max.			Price Each			
		A	B	C	1	50	125	250
23J, 3 Watts								
588-23J-Value	0.1 - 0.75	.50	.22	20 Ga.	**1.14**	**.97**	**.86**	**.74**
588-23J-Value	1.0 - 7.5	.50	.22	20 Ga.	**1.09**	**.93**	**.82**	**.71**
588-23J-Value	10 - 82	.50	.22	20 Ga.	**.99**	**.85**	**.74**	**.64**
588-23J-Value	100 - 450	.50	.22	20 Ga.	**.89**	**.76**	**.68**	**.58**
588-23J-Value	470 - 900	.50	.22	20 Ga.	**.98**	**.84**	**.73**	**.54**
588-23J-Value	1.0K - 4.7K	.50	.22	20 Ga.	**1.33**	**1.13**	**1.00**	**.87**
588-23J-Value	5.0K - 7K	.50	.22	20 Ga.	**1.74**	**1.48**	**1.31**	**1.12**
588-23J-Value	7.5K - 10K	.50	.22	20 Ga.	**1.99**	**1.69**	**1.49**	**1.29**
25J, 5 Watts								
588-25J-Value	0.1 - 0.75	.906	.276	20 Ga.	**1.39**	**1.19**	**1.05**	**.91**
588-25J-Value	1.0 - 7.5	.906	.276	20 Ga.	**1.33**	**1.13**	**1.00**	**.87**
588-25J-Value	10 - 82	.906	.276	20 Ga.	**1.27**	**1.09**	**.95**	**.83**
588-25J-Value	100 - 470	.906	.276	20 Ga.	**1.05**	**.90**	**.78**	**.69**
588-25J-Value	500 - 900	.906	.276	20 Ga.	**1.22**	**1.05**	**.92**	**.80**
588-25J-Value	1.0K - 4.7K	.906	.276	20 Ga.	**1.47**	**1.24**	**1.10**	**.96**
588-25J-Value	5.0K - 9K	.906	.276	20 Ga.	**1.87**	**1.59**	**1.41**	**1.21**
588-25J-Value	10K - 18K	.906	.276	20 Ga.	**2.07**	**1.76**	**1.56**	**1.35**
588-25J-Value	20K - 25K	.906	.276	20 Ga.	**2.44**	**2.08**	**1.83**	**1.59**
20J, 10 Watts								
588-20J-Value	0.1 - 0.75	1.844	.349	20 Ga.	**1.82**	**1.55**	**1.37**	**1.19**
588-20J-Value	1.0 - 7.5	1.844	.349	20 Ga.	**1.77**	**1.50**	**1.33**	**1.14**
588-20J-Value	10 - 82	1.844	.349	20 Ga.	**1.65**	**1.40**	**1.23**	**1.07**
588-20J-Value	100 - 900	1.844	.349	20 Ga.	**1.50**	**1.27**	**1.12**	**.98**
588-20J-Value	1.0K - 2.7K	1.844	.349	20 Ga.	**1.80**	**1.53**	**1.36**	**1.16**
588-20J-Value	3.0K - 4.7K	1.844	.349	20 Ga.	**2.05**	**1.74**	**1.54**	**1.34**
588-20J-Value	5.0K - 9K	1.844	.349	20 Ga.	**2.35**	**1.99**	**1.77**	**1.53**
588-20J-Value	10K - 22K	1.844	.349	20 Ga.	**2.66**	**2.26**	**1.99**	**1.73**
588-20J-Value	25K	1.844	.349	20 Ga.	**3.01**	**2.57**	**2.26**	**1.96**

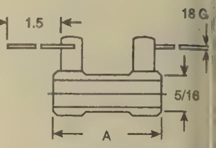
200 SERIES LUG AND LEAD FIXED RESISTORS

Specifications:

- Resistance tolerance: > 1Ω: ±5%
  < 1Ω: ±10%
- Temperature coefficient: < 5: ± 400
  > 5: ± 260

Features:

- Welded terminals
- Excellent heat dissipation
- Vitreous enamel coated



Cross Reference Chart

Ohmite	Clarostat	Huntington
B8J B12J	VPR5F VPR10F	FVTS-5 FVTS-10

✻ Available in B12J only

Table of Values in (Ω)

1.0	7.5	25	100	250	500	1.25K	3K	6K	20K
2.0	10	35	125	300	750	1.5K	3.5K	8K	25K
3.0	15	50	150	400	1K	2K	4K	10K	✻40K
5.0	20	75	200	450	1.2K	2.5K	5K	15K	✻50K

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Range of Values (Ω)	Dimension A (In.)	Price Each			
			1	25	100	250
B8J, 8 Watts Uses Bracket 588-1441-003						
588-B8J-Value	1.0 - 7.5	1	**2.36**	**2.01**	**1.89**	**1.54**
588-B8J-Value	10 - 500	1	**2.09**	**1.78**	**1.67**	**1.37**
588-B8J-Value	750 - 1.5K	1	**2.15**	**1.83**	**1.72**	**1.39**
588-B8J-Value	2K - 8K	1	**2.19**	**1.83**	**1.75**	**1.43**
588-B8J-Value	10K	1	**2.31**	**1.97**	**1.85**	**1.51**
588-B8J-Value	15K	1	**2.42**	**2.06**	**1.94**	**1.58**
588-B8J-Value	20K - 25K	1	**3.07**	**2.61**	**2.45**	**1.99**
B12J, 12 Watts Uses Bracket 588-1441-003						
588-B12J-Value	1.0 - 7.5	1 3/4	**2.70**	**2.29**	**2.17**	**1.76**
588-B12J-Value	10 - 750	1 3/4	**2.39**	**2.03**	**1.92**	**1.56**
588-B12J-Value	1K - 1.5K	1 3/4	**2.59**	**2.21**	**2.08**	**1.69**
588-B12J-Value	2K - 4K	1 3/4	**2.66**	**2.27**	**2.14**	**1.73**
588-B12J-Value	5K - 8K	1 3/4	**2.80**	**2.39**	**2.24**	**1.82**
588-B12J-Value	10K - 15K	1 3/4	**2.86**	**2.43**	**2.28**	**1.86**
588-B12J-Value	20K - 40K	1 3/4	**2.97**	**2.53**	**2.37**	**1.93**
588-B12J-Value	50K	1 3/4	**3.74**	**3.18**	**2.99**	**2.44**

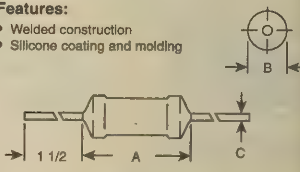
40 SERIES SILICONE COATED WIREWOUND - 1%

Specifications:

- Resistance tolerance: ±1%
- Dielectric strength: 1000V
- Insulation resistance: 1000MΩ
- Temperature coefficient: 1-3W, 50ppm / 5W, 20ppm

Features:

- Welded construction
- Silicone coating and molding



Cross Reference Chart

Ohmite	Clarostat	Huntington
41F 43F 45F	SC1A SC3D SC5E	ALSR-1 ALSR-3 ALSR-5

✻ Available in 43F and 45F only
✻✻ Available in 45F only

Table of Values in (Ω)

0.1	0.5	5.0	22	47	120	300	600	2.2K	✻5.6K	✻✻ 20K
0.13	0.75	7.5	25	50	150	330	680	2.5K	✻6.8K	✻✻ 25K
0.15	1.0	10	27	56	180	350	750	3K	✻7.5K	
0.2	1.5	12	30	68	200	400	1K	✻3.9K	✻8K	
0.25	2.0	15	33	75	220	470	1.2K	✻4K	✻10K	
0.3	3.0	18	39	82	250	500	1.5K	✻4.7K	✻✻12.5K	
0.33	4.0	20	40	100	270	560	2K	✻5K	✻✻15K	

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Range of Values (Ω)	Dimensions (In.) max.			Price Each			
		A	B	C	1	25	125	250
41F, 1 Watt								
588-41F-Value	0.1 - 0.75	.437	.125	24 Ga.	**2.25**	**1.92**	**1.69**	**1.46**
588-41F-Value	1.0 - 7.5	.437	.125	24 Ga.	**2.18**	**1.85**	**1.63**	**1.41**
588-41F-Value	10 - 82	.437	.125	24 Ga.	**1.88**	**1.60**	**1.42**	**1.22**
588-41F-Value	100 - 470	.437	.125	24 Ga.	**2.11**	**1.80**	**1.58**	**1.37**
588-41F-Value	500 - 900	.437	.125	24 Ga.	**2.33**	**1.98**	**1.75**	**1.52**
588-41F-Value	1.0K - 1.8K	.437	.125	24 Ga.	**2.66**	**2.26**	**2.00**	**1.73**
588-41F-Value	2.0K - 3.0K	.437	.125	24 Ga.	**3.20**	**2.72**	**2.40**	**2.08**
43F, 3 Watts								
588-43F-Value	0.1 - 0.75	.593	.218	20 Ga.	**1.73**	**1.47**	**1.30**	**1.12**
588-43F-Value	1.0 - 7.5	.593	.218	20 Ga.	**1.37**	**1.17**	**1.03**	**.89**
588-43F-Value	10 - 82	.593	.218	20 Ga.	**1.12**	**.95**	**.83**	**.73**
588-43F-Value	100 - 750	.593	.218	20 Ga.	**.96**	**.82**	**.72**	**.63**
588-43F-Value	1.0K - 1.5K	.593	.218	20 Ga.	**1.17**	**.99**	**.87**	**.76**
588-43F-Value	2.0K - 2.5K	.593	.218	20 Ga.	**1.55**	**1.31**	**1.16**	**1.01**
588-43F-Value	3.0K - 4.7K	.593	.218	20 Ga.	**1.87**	**1.59**	**1.40**	**1.22**
588-43F-Value	5.0K - 6.8K	.593	.218	20 Ga.	**2.25**	**1.92**	**1.69**	**1.47**
588-43F-Value	7.5K - 10K	.593	.218	20 Ga.	**2.33**	**1.98**	**1.75**	**1.51**
45F, 5 Watts								
588-45F-Value	0.1 - 0.75	.937	.343	18 Ga.	**1.93**	**1.64**	**1.45**	**1.25**
588-45F-Value	1.0 - 7.5	.937	.343	18 Ga.	**1.34**	**1.14**	**1.01**	**.87**
588-45F-Value	10 - 82	.937	.343	18 Ga.	**1.17**	**1.00**	**.88**	**.77**
588-45F-Value	100 - 750	.937	.343	18 Ga.	**1.12**	**.95**	**.83**	**.73**
588-45F-Value	1.0K - 2.5K	.937	.343	18 Ga.	**1.29**	**1.10**	**.97**	**.84**
588-45F-Value	3.0K - 6.8K	.937	.343	18 Ga.	**1.51**	**1.29**	**1.14**	**.99**
588-45F-Value	7.5K - 8.0K	.937	.343	18 Ga.	**1.98**	**1.68**	**1.49**	**1.28**
588-45F-Value	10K - 15K	.937	.343	18 Ga.	**2.10**	**1.79**	**1.58**	**1.36**
588-45F-Value	20K - 25K	.937	.343	18 Ga.	**2.60**	**2.21**	**1.96**	**1.69**

70 SERIES FIXED POWER RESISTORS

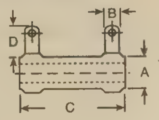
quantities greater than listed, call for quote.

ecifications:

esistance tolerance: ±5%
emperature coefficient: 1 to 20Ω, ±400 ppm
above 20Ω, ±260 ppm

Features:

- Welded terminals
- Excellent heat dissipation
- Vitreous enamel coated



oss Reference Chart

Ohmite	Clarostat	Huntington
L25J	VP25K	FVT-25
L50J	VP50K	FVT-50
L100J	VK100N	FVT-100
L225J	VK200W	FVT-200

DIMENSIONS (IN.)

Series	A	B	C	D
L25J	9/16	1/4	2	9/16
L50J	9/16	1/4	4	9/16
L100J	3/4	1/4	6 1/2	9/16
L225J	1 1/8	5/16	10 1/2	5/8

✱✱ Available in 25W and 50W only ✱ Available in 25W only

Table of Values in (Ω)

1.0	4.0	✱15	75	✱✱200	750	2K	5K	15K	50K
2.0	5.0	25	100	250	1K	2.5K	7.5K	20K	100K
3.0	10	50	150	500	1.5K	3K	10K	25K	

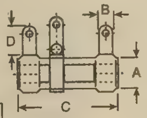
MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	25	100
25J, 25 Watts Uses Bracket 588-9				
88-L25J-Value	1.0 - 5.0	4.36	3.71	3.05
	10 - 750	4.28	3.64	2.99
	1K - 3K	4.48	3.81	3.13
	5K - 7.5K	4.54	3.86	3.17
	10K - 20K	5.43	4.62	3.80
	25K	5.61	4.77	3.94
	50K	5.83	4.97	4.08
	100K	6.22	5.28	4.36

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	25	100
L50J, 50 Watts Uses Bracket 588-9				
588-L50J-Value	1.0	6.72	5.71	4.71
	2.0 - 5.0	6.30	5.35	4.41
	10 - 750	6.18	5.25	4.32
	1K - 7.5K	6.12	5.20	4.28
	10K - 20K	6.72	5.71	4.71
	25K - 50K	9.54	8.11	6.68
	100K	9.79	8.33	6.85
L100J, 100 Watts Uses Bracket 588-12				
588-L100J-Value	1.0 - 2.0	9.51	8.08	7.14
	3.0 - 5.0	9.14	7.77	6.86
	10 - 75	8.60	7.32	6.45
	100 - 750	8.48	7.21	6.36
	1K - 7.5K	8.10	6.89	6.08
	10K - 25K	8.33	7.08	6.25
	50K	10.03	8.52	7.52
	100K	12.49	10.62	9.37
L225J, 225 Watts Uses Bracket 588-18				
588-L225J-Value	1.0	27.09	24.39	21.67
	2.0	19.53	17.59	15.62
	3.0 - 5.0	15.67	14.11	12.53
	10 - 100	13.66	12.29	10.94
	150 - 750	13.01	11.72	10.40
	1K - 7.5K	12.30	11.07	9.84
	10K - 25K	12.66	11.40	10.13
	50K	14.21	12.79	11.37
	100K	14.85	13.37	11.88

10 SERIES ADJUSTABLE POWER RESISTORS

pecifications:

Resistance tolerance: ±10%
Temperature coefficient: ±260ppm
Vitreous enamel coated



ross Reference Chart

Ohmite	Clarostat	Huntington
D12K	VP10FA	AVT-12
D25K	VP25KA	AVT-25
D50K	VP50KA	AVT-50
D100K	VK100NA	AVT-100
D225K	VK200WA	AVT-200

DIMENSIONS (IN.)

Series	A	B	C	D
D12K	5/16	3/16	1 3/4	7/16
D25K	9/16	1/4	2	9/16
D50K	9/16	1/4	4	9/16
D100K	3/4	1/4	6 1/2	9/16
D225K	1 1/8	5/16	10 1/2	5/8

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Values (Ω)	Price Each		
		1	25	100
D12K, 12 Watts Uses Bracket 588-5				
588-D12K-Value	1.0, 2.0, 3.0, 5.0	7.09	6.03	4.96
	10, 15, 20, 25, 50, 75, 100, 150, 200	7.00	5.95	4.89
	250, 500, 750	7.26	6.17	5.08
	1K, 1.5K, 2K, 2.5K, 3.5K	7.56	6.42	5.30
	5K, 10K	7.70	6.55	5.39
D25K, 25 Watts Uses Bracket 588-9				
588-D25K-Value	1.0, 2.0	8.31	7.05	5.82
	3.0, 5.0, 10, 15, 20, 25, 50, 75, 100, 150, 200, 250, 500	6.88	5.85	4.81
	750, 1K, 1.5K, 2K, 2.5K, 3.5K	7.26	6.17	5.08
	5K, 10K	7.63	6.49	5.34
	25K	7.99	6.80	5.59

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Values (Ω)	Price Each		
		1	25	100
D50K, 50 Watts Uses Bracket 588-9				
588-D50K-Value	1.0, 2.0, 3.0	11.81	10.04	8.27
	5.0	11.56	9.83	8.09
	10, 25, 50, 75	10.07	8.56	7.05
	100, 150, 200, 250, 500, 750	9.85	8.38	6.89
	1K, 2K, 2.5K, 3.5K	10.58	8.99	7.41
	5K	10.76	9.14	7.53
	10K, 25K	10.95	9.31	7.66
D100K, 100 Watts Uses Bracket 588-12				
588-D100K-Value	1.0	14.75	13.28	11.79
	2.0, 3.0, 5.0, 10	14.34	12.90	11.48
	25, 50, 100, 250, 500	12.89	11.60	10.31
	1K, 1.5K, 2.5K, 5K	12.37	11.13	9.89
	10K, 25K	11.88	10.70	9.50

For quantities greater than listed, call for quote.

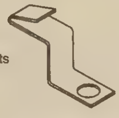
MOUSER STOCK NO.	Values (Ω)	Price Each		
		1	10	25
D225K, 225 Watts Uses Bracket 588-18				
588-D225K-Value	1.0	30.43	27.39	24.34
	2.0, 3.0	25.81	23.24	20.64
	5.0	23.29	20.97	18.63
	10, 25, 50	20.74	18.68	16.59
	100, 250, 500, 1K, 1.5K, 2.5K, 5K, 10K, 25K	17.51	15.77	14.00

ESISTOR MOUNTING BRACKETS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	May Be Used With These Resistors	Price Each	
		1	10
588-5	B8J, B12J, D12K	.30	.28
588-9	L25J, L50J, D25K, D50K	.27	.25

Requires 2 brackets per resistor.



For quantities greater than listed, call for quote.

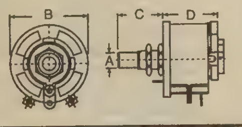
MOUSER STOCK NO.	May Be Used With These Resistors	Price Each	
		1	10
588-12	L100J, D100K	.49	.46
588-18	L255J, D252K	.51	.48

POWER WIREWOUND RHEOSTATS

For quantities greater than listed, call for quote.

Specifications:

- Resistance tolerance: ±10%
- Rotation 300° ±5%



DIMENSIONS (IN.)

Series	A	B	C	D
RES	1/8	7/8	5/8	11/16
RHS	1/4	1 9/16	7/8	1 5/16
RJS	1/4	2 5/16	7/8	1 7/16

✱ Available in RES and RHS only
✱✱ Available in RJS only
† Available in RHS only

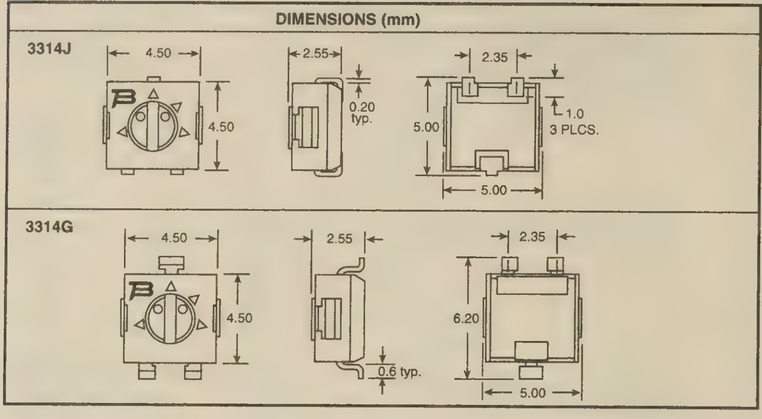
Table of Values in (Ω)

✱✱0.5	6.0	✱25	✱100	✱✱225	✱750	✱3.5K
1.0	✱8.0	✱✱35	125	✱250	1K	5K
✱2.0	✱10	50	✱✱150	✱350	✱1.5K	10K
✱3.0	✱15	✱75	✱175	500	2.5K	† 25K

MOUSER STOCK NO.	Range of Values (Ω)	Price Each		
		1	10	50
RES, 12.5 Watts				
588-RES-Value	1.0 - 8.0	20.21	18.19	16.19
	10 - 350	19.05	17.15	15.33
	500 - 1.5K	19.74	17.76	15.82
	2.5K - 5K	20.44	18.40	16.30
	10K	21.69	19.52	17.18
RHS, 25 Watts				
588-RHS-Value	1.0 - 8.0	23.29	20.96	18.63
	10 - 750	22.25	20.03	17.80
	1K - 5K	23.01	20.71	18.41
	10K	24.97	22.47	19.48
	25K	26.58	23.92	21.26
RJS, 50 Watts				
588-RJS-Value	0.5	33.71	30.34	26.97
	1.0 - 6.0	30.11	27.10	24.09
	35 - 150	26.34	23.71	21.07
	225 - 500	25.31	22.78	20.25
	1K - 10K	27.67	24.90	22.14

Single-Turn Cermet Trimmer Potentiometers

3314 SERIES 4mm SQUARE SMD TRIMMERS

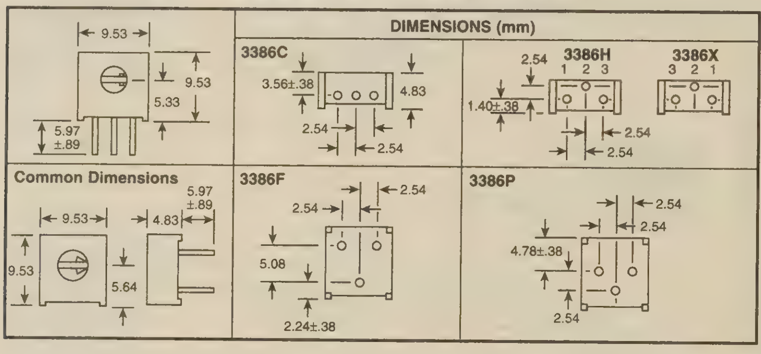

DIMENSIONS (mm)
3314J
4.50
4.50
2.55
0.20 typ.
2.35
1.0 3 PLCS.
5.00
5.00
3314G
4.50
4.50
2.55
0.6 typ.
2.35
6.20
5.00

Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 85°C - 0.25W; 150°C - 0W
- Temperature range: -65°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	100	500
3314J, 3314G	1.80	1.56	.98

Value (Ω)	3314J Series	3314G Series
	MOUSER STOCK NO.	
100	652-3314J-1-101E	652-3314G-1-101E
200	652-3314J-1-201E	652-3314G-1-201E
500	652-3314J-1-501E	652-3314G-1-501E
1K	652-3314J-1-102E	652-3314G-1-102E
2K	652-3314J-1-202E	652-3314G-1-202E
5K	652-3314J-1-502E	652-3314G-1-502E
10K	652-3314J-1-103E	652-3314G-1-103E
20K	652-3314J-1-203E	652-3314G-1-203E
50K	652-3314J-1-503E	652-3314G-1-503E
100K	652-3314J-1-104E	652-3314G-1-104E

3386 SERIES 3/8" SQUARE INDUSTRIAL SEALED

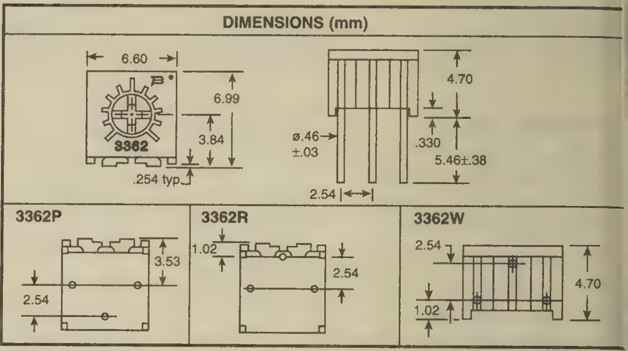

9.53
9.53
5.33
5.97 ±.89
Common Dimensions
9.53
4.83
5.97 ±.89
9.53
5.64
DIMENSIONS (mm)
3386C
3.56±.38
4.83
2.54
2.54
3386H
1 2 3
2.54
1.40±.38
2.54
2.54
3386X
3 2 1
3386F
2.54
2.54
5.08
2.24±.38
3386P
2.54
2.54
4.78±.38
2.54

Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 85°C - 0.5W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3386C, F, H, P, X	1.10	.95	.82

Value (Ω)	3386C Series	3386F Series	3386H Series	3386P Series	3386X Series
	MOUSER STOCK NO.				
50	-----	652-3386F-1-500	652-3386H-1-500	652-3386P-1-500	652-3386X-1-500
100	652-3386C-1-101	652-3386F-1-101	652-3386H-1-101	652-3386P-1-101	652-3386X-1-101
200	-----	652-3386F-1-201	652-3386H-1-201	652-3386P-1-201	652-3386X-1-201
500	652-3386C-1-501	652-3386F-1-501	652-3386H-1-501	652-3386P-1-501	652-3386X-1-501
1K	652-3386C-1-102	652-3386F-1-102	652-3386H-1-102	652-3386P-1-102	652-3386X-1-102
2K	652-3386C-1-202	652-3386F-1-202	652-3386H-1-202	652-3386P-1-202	652-3386X-1-202
5K	652-3386C-1-502	652-3386F-1-502	652-3386H-1-502	652-3386P-1-502	652-3386X-1-502
10K	652-3386C-1-103	652-3386F-1-103	652-3386H-1-103	652-3386P-1-103	652-3386X-1-103
20K	652-3386C-1-203	652-3386F-1-203	652-3386H-1-203	652-3386P-1-203	652-3386X-1-203
25K	-----	652-3386F-1-253	-----	652-3386P-1-253	652-3386X-1-253
50K	652-3386C-1-503	652-3386F-1-503	652-3386H-1-503	652-3386P-1-503	652-3386X-1-503
100K	652-3386C-1-104	652-3386F-1-104	652-3386H-1-104	652-3386P-1-104	652-3386X-1-104
200K	652-3386C-1-204	652-3386F-1-204	652-3386H-1-204	652-3386P-1-204	652-3386X-1-204
250K	-----	652-3386F-1-254	652-3386H-1-254	652-3386P-1-254	652-3386X-1-254
500K	-----	652-3386F-1-504	652-3386H-1-504	652-3386P-1-504	652-3386X-1-504
1M	-----	652-3386F-1-105	652-3386H-1-105	652-3386P-1-105	652-3386X-1-105
2M	-----	652-3386F-1-205	652-3386H-1-205	652-3386P-1-205	652-3386X-1-205

3362 SERIES 1/4" SQUARE INDUSTRIAL SEALED


DIMENSIONS (mm)
6.60
6.99
3362
3.84
.254 typ.
4.70
ø.46 ±.03
.330
5.46±.38
2.54
3362P
3.53
2.54
3362R
1.02
2.54
3362W
2.54
4.70
1.02

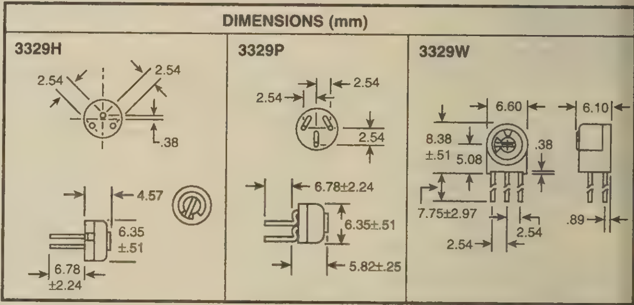
Features:
- Rotor designed for automatic machine adjust interface
- Withstands harsh environments and immersion cleaning process

Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 70°C - 0.50W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3362P, R, W	.83	.75	.74

Value (Ω)	3362P Series	3362R Series	3362W Series
	MOUSER STOCK NO.		
100	652-3362P-1-101	652-3362R-1-101	652-3362W-1-101
200	652-3362P-1-201	652-3362R-1-201	652-3362W-1-201
500	652-3362P-1-501	652-3362R-1-501	652-3362W-1-501
1K	652-3362P-1-102	652-3362R-1-102	652-3362W-1-102
2K	652-3362P-1-202	652-3362R-1-202	652-3362W-1-202
5K	652-3362P-1-502	652-3362R-1-502	652-3362W-1-502
10K	652-3362P-1-103	652-3362R-1-103	652-3362W-1-103
20K	652-3362P-1-203	652-3362R-1-203	652-3362W-1-203
25K	652-3362P-1-253	652-3362R-1-253	652-3362W-1-253
50K	652-3362P-1-503	652-3362R-1-503	652-3362W-1-503
100K	652-3362P-1-104	652-3362R-1-104	652-3362W-1-104

3329 SERIES 1/4" ROUND INDUSTRIAL SEALED


DIMENSIONS (mm)
3329H
2.54
2.54
.38
4.57
6.35 ±.51
6.78 ±2.24
3329P
2.54
2.54
2.54
6.78±2.24
6.35±.51
5.82±.25
3329W
6.60
6.10
8.38 ±.51
5.08
.38
7.75±2.97
2.54
2.54
.89

Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 85°C - 0.50W; 150°C - 0W
- Temperature range: -55°C to +150°C
- Temperature coefficient: ±100ppm/°C

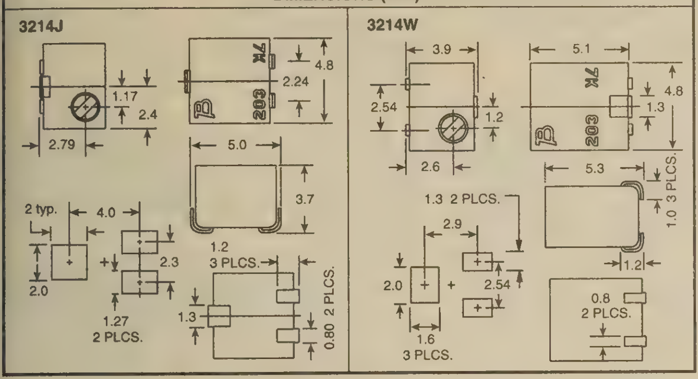
Series No.	Price Each		
	1	10	50
3329H, 3329P	2.24	1.67	1.57
3329W	2.62	2.00	1.89

Value (Ω)	3329H Series	3329P Series	3329W Series
	MOUSER STOCK NO.		
50	652-3329H-1-500	652-3329P-1-500	652-3329W-1-500
100	652-3329H-1-101	652-3329P-1-101	652-3329W-1-101
200	652-3329H-1-201	652-3329P-1-201	652-3329W-1-201
500	652-3329H-1-501	652-3329P-1-501	652-3329W-1-501
1K	652-3329H-1-102	652-3329P-1-102	652-3329W-1-102
2K	652-3329H-1-202	652-3329P-1-202	652-3329W-1-202
5K	652-3329H-1-502	652-3329P-1-502	652-3329W-1-502
10K	652-3329H-1-103	652-3329P-1-103	652-3329W-1-103
20K	652-3329H-1-203	652-3329P-1-203	652-3329W-1-203
25K	652-3329H-1-253	652-3329P-1-253	652-3329W-1-253
50K	652-3329H-1-503	652-3329P-1-503	652-3329W-1-503
100K	652-3329H-1-104	652-3329P-1-104	652-3329W-1-104
200K	652-3329H-1-204	652-3329P-1-204	652-3329W-1-204
500K	652-3329H-1-504	652-3329P-1-504	652-3329W-1-504
1000K	652-3329H-1-105	652-3329P-1-105	652-3329W-1-105

Multi-Turn Cermet Trimmer Potentiometers

3214 SERIES 4mm SQUARE INDUSTRIAL SEALED

DIMENSIONS (mm)


3214J
1.17
2.4
2.79
2.24
4.8
5.0
3.7
2 typ.
4.0
2.0
2.3
1.2
3 PLCS.
1.27
2 PLCS.
1.3
0.80 2 PLCS.
3214W
3.9
2.54
1.2
2.6
5.1
4.8
1.3
5.3
1.0 3 PLCS.
1.3 2 PLCS.
2.9
2.0
2.54
1.6
3 PLCS.
1.2
0.8
2 PLCS.

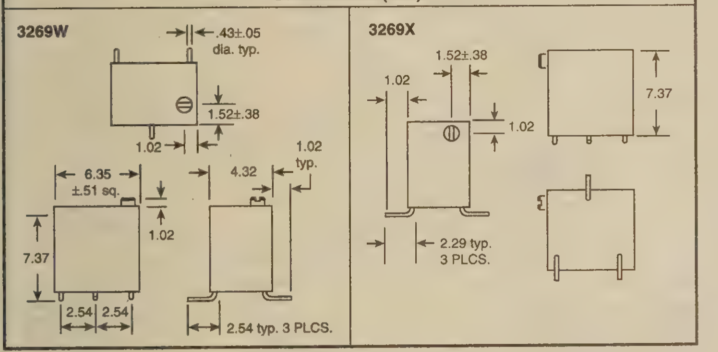
Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 85°C - 0.25W; 150°C - 0W
- Temperature range: -65°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	100	500
3214J, 3214W	3.22	2.39	1.50

Value (Ω)	3214J Series	3214W Series
	MOUSER STOCK NO.	
100	652-3214J-1-101E	652-3214W-1-101E
200	652-3214J-1-201E	652-3214W-1-201E
500	652-3214J-1-501E	652-3214W-1-501E
1K	652-3214J-1-102E	652-3214W-1-102E
2K	652-3214J-1-202E	652-3214W-1-202E
5K	652-3214J-1-502E	652-3214W-1-502E
10K	652-3214J-1-103E	652-3214W-1-103E
20K	652-3214J-1-203E	652-3214W-1-203E
50K	652-3214J-1-503E	652-3214W-1-503E
100K	652-3214J-1-104E	652-3214W-1-104E

3269 SERIES 1/4" SQUARE SMD INDUSTRIAL SEALED

DIMENSIONS (mm)


3269W
.43±.05
dia. typ.
1.52±.38
1.02
6.35
±.51 sq.
1.02
7.37
2.54
2.54
4.32
1.02
typ.
2.54 typ. 3 PLCS.
3269X
1.52±.38
1.02
1.02
7.37
2.29 typ.
3 PLCS.

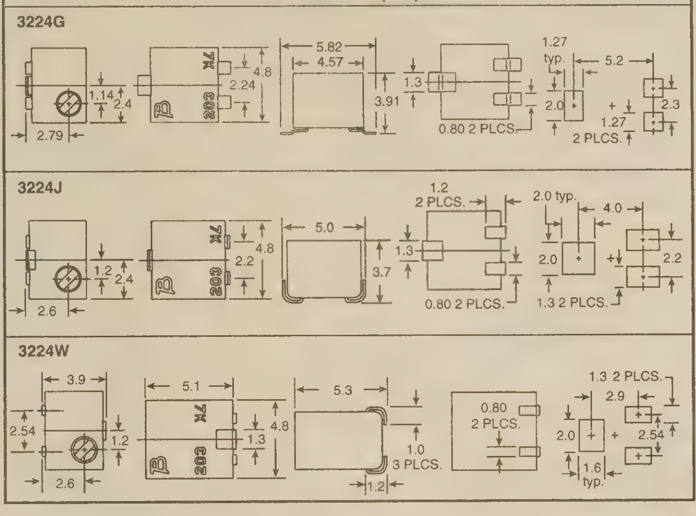
Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 85°C - 0.25W; 150°C - 0W
- Temperature range: -65°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3269W, 3269X	3.60	3.28	2.90

Value (Ω)	3269W Series	3269X Series
	MOUSER STOCK NO.	
50	652-3269W-1-500	652-3269X-1-500
100	652-3269W-1-101	652-3269X-1-101
200	652-3269W-1-201	652-3269X-1-201
500	652-3269W-1-501	652-3269X-1-501
1K	652-3269W-1-102	652-3269X-1-102
2K	652-3269W-1-202	652-3269X-1-202
5K	652-3269W-1-502	652-3269X-1-502
10K	652-3269W-1-103	652-3269X-1-103
20K	652-3269W-1-203	652-3269X-1-203
50K	652-3269W-1-503	652-3269X-1-503
100K	652-3269W-1-104	652-3269X-1-104
200K	652-3269W-1-204	652-3269X-1-204
500K	652-3269W-1-504	652-3269X-1-504
1M	652-3269W-1-105	652-3269X-1-105

3224 SERIES 4mm SMD INDUSTRIAL SEALED

DIMENSIONS (mm)


3224G
1.14
2.4
2.79
2.24
4.8
5.82
4.57
3.91
1.3
0.80 2 PLCS.
1.27
typ.
5.2
2.0
1.27
2 PLCS.
2.3
3224J
1.2
2.4
2.6
2.2
4.8
5.0
3.7
1.2
2 PLCS.
1.3
0.80 2 PLCS.
2.0 typ.
4.0
2.0
1.3 2 PLCS.
2.2
3224W
3.9
2.54
1.2
2.6
5.1
1.3
4.8
5.3
1.0
3 PLCS.
1.2
0.80
2 PLCS.
1.3 2 PLCS.
2.9
2.0
2.54
1.6
typ.

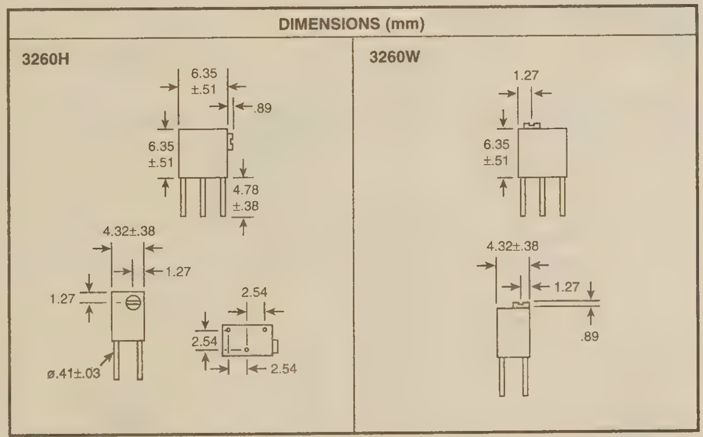
Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 85°C - 0.25W; 150°C - 0W
- Temperature range: -65°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	100	500
3224G, J, W	5.19	3.88	2.43

Value (Ω)	3224G Series	3224J Series	3224W Series
	MOUSER STOCK NO.		
500	652-3224G-1-501E	652-3224J-1-501E	652-3224W-1-501E
1K	652-3224G-1-102E	652-3224J-1-102E	652-3224W-1-102E
2K	652-3224G-1-202E	652-3224J-1-202E	652-3224W-1-202E
5K	652-3224G-1-502E	652-3224J-1-502E	652-3224W-1-502E
10K	652-3224G-1-103E	652-3224J-1-103E	652-3224W-1-103E
20K	652-3224G-1-203E	652-3224J-1-203E	652-3224W-1-203E
50K	652-3224G-1-503E	652-3224J-1-503E	652-3224W-1-503E
100K	652-3224G-1-104E	652-3224J-1-104E	652-3224W-1-104E

3260 SERIES 1/4" SQUARE SMD INDUSTRIAL SEALED

DIMENSIONS (mm)


3260H
6.35
±.51
.89
6.35
±.51
4.78
±.38
4.32±.38
1.27
1.27
2.54
2.54
2.54
ø.41±.03
3260W
1.27
6.35
±.51
4.32±.38
1.27
.89

Specifications:
- Resistance tolerance: ±5% std.
- Power rating: 85°C - 0.25W; 150°C - 0W
- Temperature range: -65°C to +150°C
- Temperature coefficient: ±70ppm/°C

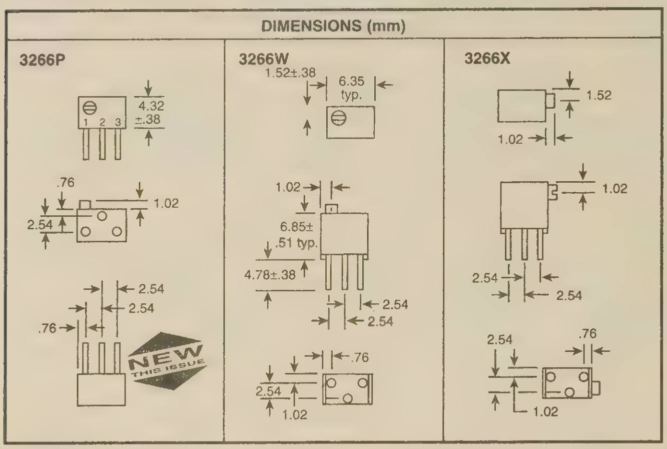
Series No.	Price Each		
	1	10	50
3260H, 3260W	27.17	24.70	21.24

Value (Ω)	3260H Series	3260W Series
	MOUSER STOCK NO.	
500	652-3260H-1-501	652-3260W-1-501
1K	652-3260H-1-102	652-3260W-1-102
2K	652-3260H-1-202	652-3260W-1-202
5K	652-3260H-1-502	652-3260W-1-502
10K	652-3260H-1-103	652-3260W-1-103
20K	652-3260H-1-203	652-3260W-1-203

Multi-Turn Cermet Trimmer Potentiometers

3266 SERIES 1/4" SQUARE INDUSTRIAL SEALED

DIMENSIONS (mm)


3266P
4.32
±.38
1 2 3
.76
1.02
2.54
2.54
2.54
.76
NEW
THIS ISSUE
3266W
1.52±.38
6.35
typ.
1.02
6.85±
.51 typ.
4.78±.38
2.54
2.54
.76
2.54
1.02
3266X
1.52
1.02
1.02
2.54
2.54
2.54
.76
1.02

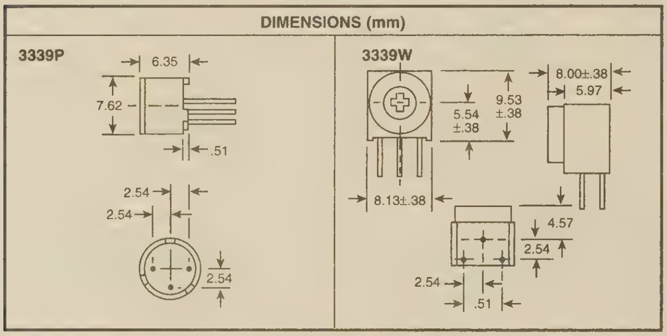
Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 70°C - 0.25W; 150°C - 0W
- Temperature range: -65°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3266P,3266W, 3266X	3.58	3.25	2.80

Value (Ω)	3266W Series	3266W Series	3266X Series
	MOUSER STOCK NO.		
50	652-3266P-1-500	652-3266W-1-500	652-3266X-1-500
100	652-3266P-1-101	652-3266W-1-101	652-3266X-1-101
200	652-3266P-1-201	652-3266W-1-201	652-3266X-1-201
500	652-3266P-1-501	652-3266W-1-501	652-3266X-1-501
1K	652-3266P-1-102	652-3266W-1-501	652-3266X-1-102
2K	652-3266P-1-202	652-3266W-1-202	652-3266X-1-202
5K	652-3266P-1-502	652-3266W-1-502	652-3266X-1-502
10K	652-3266P-1-103	652-3266W-1-103	652-3266X-1-103
20K	652-3266P-1-203	652-3266W-1-203	652-3266X-1-203
25K	652-3266P-1-253	652-3266W-1-253	652-3266X-1-253
50K	652-3266P-1-503	652-3266W-1-503	652-3266X-1-503
100K	652-3266P-1-104	652-3266W-1-104	652-3266X-1-104
200K	652-3266P-1-204	652-3266W-1-204	652-3266X-1-204
500K	652-3266P-1-504	652-3266W-1-504	652-3266X-1-504
1M	652-3266P-1-105	652-3266W-1-105	652-3266X-1-105

3339 SERIES 5/16" ROUND FOUR-TURN INDUSTRIAL SEALED

DIMENSIONS (mm)


3339P
6.35
7.62
.51
2.54
2.54
2.54
3339W
8.00±.38
5.97
9.53
±.38
5.54
±.38
8.13±.38
4.57
2.54
2.54
.51

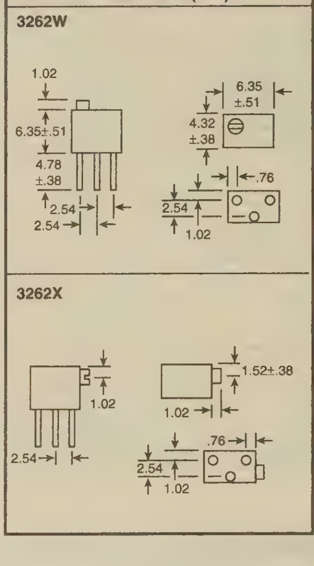
Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 70°C - 0.25W; 150°C - 0W
- Temperature range: -55°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3339P	4.44	3.88	3.37
3339W	6.38	5.56	4.84

Value (Ω)	3339P Series	3339W Series
	MOUSER STOCK NO.	
100	652-3339P-1-101	652-3339W-1-101
200	652-3339P-1-201	652-3339W-1-201
500	652-3339P-1-501	652-3339W-1-501
1K	652-3339P-1-102	652-3339W-1-102
2K	652-3339P-1-202	652-3339W-1-202
5K	652-3339P-1-502	652-3339W-1-502
10K	652-3339P-1-103	652-3339W-1-103
20K	652-3339P-1-203	652-3339W-1-203
50K	652-3339P-1-503	652-3339W-1-503
100K	652-3339P-1-104	652-3339W-1-104

3262 SERIES 1/4" INDUSTRIAL SEALED

DIMENSIONS (mm)


3262W
1.02
6.35±.51
4.78
±.38
2.54
2.54
6.35
±.51
4.32
±.38
.76
2.54
1.02
3262X
1.02
2.54
1.52±.38
1.02
.76
2.54
1.02

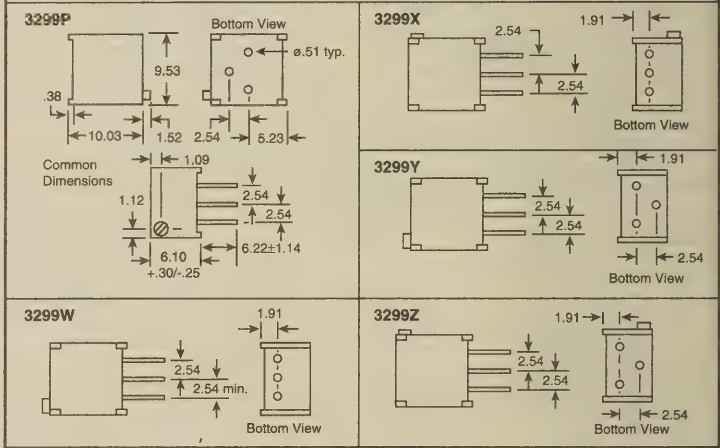
Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 85°C - 0.25W; 150°C - 0W
- Temperature range: -65°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3262W, 3262X	14.30	12.53	11.18

Value (Ω)	3262W Series	3262X Series
	MOUSER STOCK NO.	
100	652-3262W-1-101	652-3262X-1-101
200	652-3262W-1-201	652-3262X-1-201
500	652-3262W-1-501	652-3262X-1-501
1K	652-3262W-1-102	652-3262X-1-102
2K	652-3262W-1-202	652-3262X-1-202
5K	652-3262W-1-502	652-3262X-1-502
10K	652-3262W-1-103	652-3262X-1-103
20K	652-3262W-1-203	652-3262X-1-203
25K	652-3262W-1-253	652-3262X-1-253
50K	652-3262W-1-503	652-3262X-1-503
100K	652-3262W-1-104	652-3262X-1-104
200K	652-3262W-1-204	652-3262X-1-204
250K	652-3262W-1-254	652-3262X-1-254
500K	652-3262W-1-504	652-3262X-1-504

3299 SERIES 3/8" SQUARE INDUSTRIAL SEALED

DIMENSIONS (mm)


3299P
Bottom View
ø.51 typ.
9.53
.38
10.03
1.52
2.54
5.23
Common
Dimensions
1.09
1.12
2.54
2.54
6.22±1.14
6.10
+.30/-.25
3299X
2.54
1.91
2.54
Bottom View
3299Y
1.91
2.54
2.54
2.54
Bottom View
3299W
1.91
2.54
2.54 min.
Bottom View
3299Z
1.91
2.54
2.54
2.54
Bottom View

Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 70°C - 0.5W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3299P, 3299Z	2.58	2.39	1.98
3299W, X, Y	2.40	2.30	1.85

Value (Ω)	3299P Series	3299W Series	3299X Series	3299Y Series	3299Z Series
	MOUSER STOCK NO.				
10	652-3299P-1-100	652-3299W-1-100	652-3299X-1-100	652-3299Y-1-100	652-3299Z-1-100
20	652-3299P-1-200	652-3299W-1-200	652-3299X-1-200	652-3299Y-1-200	652-3299Z-1-200
50	652-3299P-1-500	652-3299W-1-500	652-3299X-1-500	652-3299Y-1-500	652-3299Z-1-500
100	652-3299P-1-101	652-3299W-1-101	652-3299X-1-101	652-3299Y-1-101	652-3299Z-1-101
200	652-3299P-1-201	652-3299W-1-201	652-3299X-1-201	652-3299Y-1-201	652-3299Z-1-201
500	652-3299P-1-501	652-3299W-1-501	652-3299X-1-501	652-3299Y-1-501	652-3299Z-1-501
1K	652-3299P-1-102	652-3299W-1-102	652-3299X-1-102	652-3299Y-1-102	652-3299Z-1-102
2K	652-3299P-1-202	652-3299W-1-202	652-3299X-1-202	652-3299Y-1-202	652-3299Z-1-202
5K	652-3299P-1-502	652-3299W-1-502	652-3299X-1-502	652-3299Y-1-502	652-3299Z-1-502
10K	652-3299P-1-103	652-3299W-1-103	652-3299X-1-103	652-3299Y-1-103	652-3299Z-1-103
20K	652-3299P-1-203	652-3299W-1-203	652-3299X-1-203	652-3299Y-1-203	652-3299Z-1-203
25K	652-3299P-1-253	652-3299W-1-253	652-3299X-1-253	652-3299Y-1-253	652-3299Z-1-253
50K	652-3299P-1-503	652-3299W-1-503	652-3299X-1-503	652-3299Y-1-503	652-3299Z-1-503
100K	652-3299P-1-104	652-3299W-1-104	652-3299X-1-104	652-3299Y-1-104	652-3299Z-1-104
200K	652-3299P-1-204	652-3299W-1-204	652-3299X-1-204	652-3299Y-1-204	652-3299Z-1-204
250K	652-3299P-1-254	652-3299W-1-254	652-3299X-1-254	652-3299Y-1-254	652-3299Z-1-254
500K	652-3299P-1-504	652-3299W-1-504	652-3299X-1-504	652-3299Y-1-504	652-3299Z-1-504
1M	652-3299P-1-105	652-3299W-1-105	652-3299X-1-105	652-3299Y-1-105	652-3299Z-1-105
2M	652-3299P-1-205	652-3299W-1-205	652-3299X-1-205	652-3299Y-1-205	652-3299Z-1-205

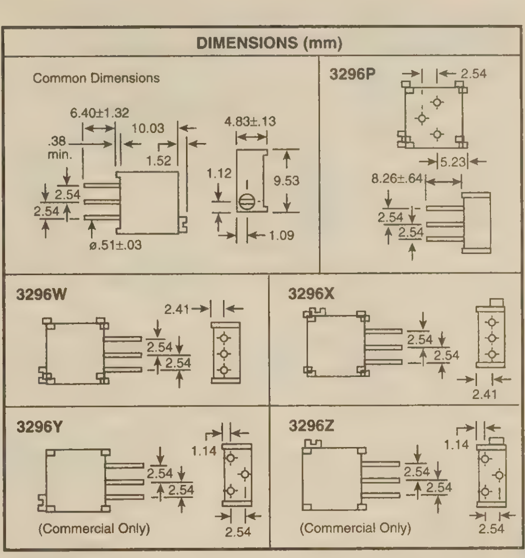
Multi and Single-Turn Cermet Trimmer Potentiometers

3296 SERIES 3/8" INDUSTRIAL SEALED

Features:
- 5 terminal styles
- Chevron seal design

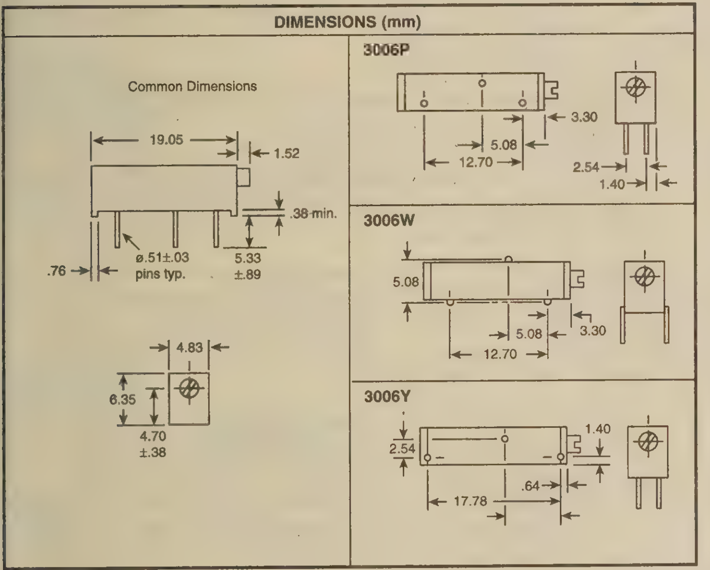
Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 70°C - 0.5W; 125°C - 0W
- Temperature range: -55°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3296P, W, X, Y, Z	2.27	2.02	1.97


DIMENSIONS (mm)
Common Dimensions
6.40±1.32
10.03
.38 min.
1.52
4.83±.13
1.12
9.53
2.54
2.54
ø.51±.03
1.09
3296P
2.54
5.23
8.26±.64
2.54
2.54
3296W
2.41
2.54
2.54
3296X
2.54
2.54
2.41
3296Y
1.14
2.54
2.54
(Commercial Only)
2.54
3296Z
1.14
2.54
2.54
(Commercial Only)
2.54

Value (Ω)	3296P Series	3296W Series	3296X Series	3296Y Series	3296Z Series
	MOUSER STOCK NO.				
10	652-3296P-1-100	652-3296W-1-100	652-3296X-1-100	652-3296Y-1-100	652-3296Z-1-100
20	652-3296P-1-200	652-3296W-1-200	652-3296X-1-200	652-3296Y-1-200	652-3296Z-1-200
50	652-3296P-1-500	652-3296W-1-500	652-3296X-1-500	652-3296Y-1-500	652-3296Z-1-500
100	652-3296P-1-101	652-3296W-1-101	652-3296X-1-101	652-3296Y-1-101	652-3296Z-1-101
200	652-3296P-1-201	652-3296W-1-201	652-3296X-1-201	652-3296Y-1-201	652-3296Z-1-201
500	652-3296P-1-501	652-3296W-1-501	652-3296X-1-501	652-3296Y-1-501	652-3296Z-1-501
1K	652-3296P-1-102	652-3296W-1-102	652-3296X-1-102	652-3296Y-1-102	652-3296Z-1-102
2K	652-3296P-1-202	652-3296W-1-202	652-3296X-1-202	652-3296Y-1-202	652-3296Z-1-202
5K	652-3296P-1-502	652-3296W-1-502	652-3296X-1-502	652-3296Y-1-502	652-3296Z-1-502
10K	652-3296P-1-103	652-3296W-1-103	652-3296X-1-103	652-3296Y-1-103	652-3296Z-1-103
20K	652-3296P-1-203	652-3296W-1-203	652-3296X-1-203	652-3296Y-1-203	652-3296Z-1-203
25K	652-3296P-1-253	652-3296W-1-253	652-3296X-1-253	652-3296Y-1-253	652-3296Z-1-253
50K	652-3296P-1-503	652-3296W-1-503	652-3296X-1-503	652-3296Y-1-503	652-3296Z-1-503
100K	652-3296P-1-104	652-3296W-1-104	652-3296X-1-104	652-3296Y-1-104	652-3296Z-1-104
200K	652-3296P-1-204	652-3296W-1-204	652-3296X-1-204	652-3296Y-1-204	652-3296Z-1-204
250K	652-3296P-1-254	652-3296W-1-254	652-3296X-1-254	652-3296Y-1-254	652-3296Z-1-254
500K	652-3296P-1-504	652-3296W-1-504	652-3296X-1-504	652-3296Y-1-504	652-3296Z-1-504
1M	652-3296P-1-105	652-3296W-1-105	652-3296X-1-105	652-3296Y-1-105	652-3296Z-1-105
2M	652-3296P-1-205	652-3296W-1-205	652-3296X-1-205	652-3296Y-1-205	652-3296Z-1-205

3006 SERIES 3/4" RECTANGULAR INDUSTRIAL SEALED


DIMENSIONS (mm)
Common Dimensions
19.05
1.52
.38 min.
.76
ø.51±.03 pins typ.
5.33 ±.89
4.83
6.35
4.70 ±.38
3006P
3.30
5.08
12.70
2.54
1.40
3006W
5.08
5.08
3.30
12.70
3006Y
2.54
1.40
.64
17.78

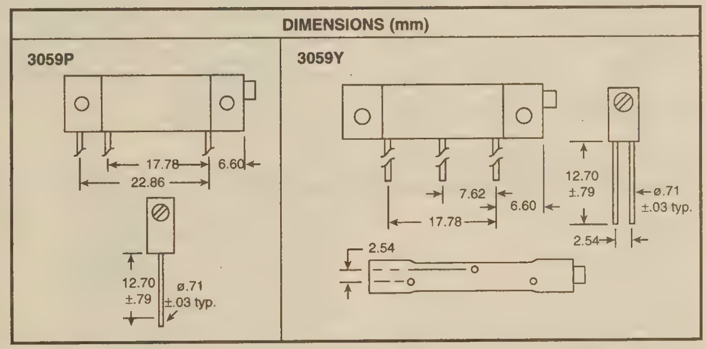
Features:
- Low PC board profile - only 1/4" high

Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 70°C - 0.75W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	25	100
3006P, W, Y	1.87	1.70	1.46

Value (Ω)	3006P Series	3006W Series	3006Y Series
	MOUSER STOCK NO.		
100	652-3006P-1-101	652-3006W-1-101	652-3006Y-1-101
200	652-3006P-1-201	652-3006W-1-201	- - - - -
500	652-3006P-1-501	652-3006W-1-501	652-3006Y-1-501
1K	652-3006P-1-102	652-3006W-1-102	652-3006Y-1-102
2K	652-3006P-1-202	652-3006W-1-202	652-3006Y-1-202
5K	652-3006P-1-502	652-3006W-1-502	652-3006Y-1-502
10K	652-3006P-1-103	652-3006W-1-103	652-3006Y-1-103
20K	652-3006P-1-203	652-3006W-1-203	652-3006Y-1-203
25K	652-3006P-1-253	652-3006W-1-253	- - - - -
50K	652-3006P-1-503	652-3006W-1-503	652-3006Y-1-503
100K	652-3006P-1-104	652-3006W-1-104	652-3006Y-1-104
200K	652-3006P-1-204	- - - - -	- - - - -
250K	652-3006P-1-254	652-3006W-1-254	- - - - -
500K	652-3006P-1-504	652-3006W-1-504	652-3006Y-1-504
1M	652-3006P-1-105	652-3006W-1-105	- - - - -

3059 SERIES 1-1/4" RECTANGULAR INDUSTRIAL SEALED

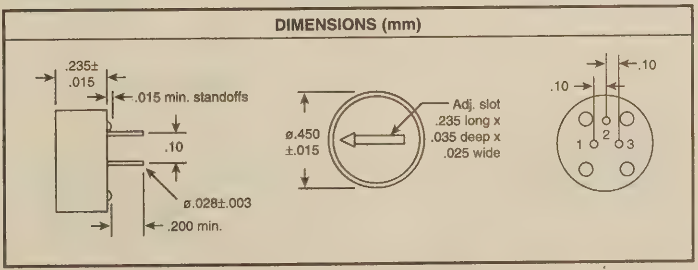

DIMENSIONS (mm)
3059P
17.78
6.60
22.86
12.70 ±.79
ø.71 ±.03 typ.
3059Y
7.62
6.60
17.78
12.70 ±.79
ø.71 ±.03 typ.
2.54
2.54

Specifications:
- Resistance tolerance: ±10% std.
- Power rating: 70°C - 1.0W; 150°C - 0W
- Temperature range: -55°C to +150°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	10	50
3059P, 3059Y	5.34	4.76	3.92

Value (Ω)	3059P Series	3059Y Series
	MOUSER STOCK NO.	
500	652-3059P-1-501	652-3059Y-1-501
1K	652-3059P-1-102	652-3059Y-1-102
2K	652-3059P-1-202	652-3059Y-1-202
5K	652-3059P-1-502	652-3059Y-1-502
10K	652-3059P-1-103	652-3059Y-1-103

3345 SERIES 1/2" ROUND SINGLE-TURN WIREWOUND


DIMENSIONS (mm)
.235± .015
.015 min. standoffs
.10
ø.028±.003
.200 min.
ø.450 ±.015
Adj. slot .235 long x .035 deep x .025 wide
.10
.10
1
2
3

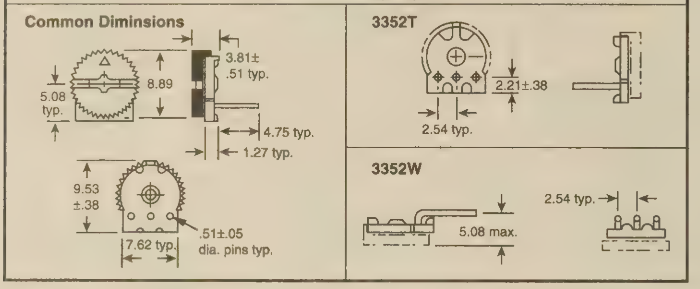
Specifications:
- Resistance tolerance: ±5% std.
- Power rating: 1.0W
- Temperature range: -55°C to +150°C

Series No.	Price Each		
	1	10	50
3345P	5.29	4.36	4.16

Value (Ω)	3345P Series
	MOUSER STOCK NO.
500	652-3345P-1-501
1K	652-3345P-1-102
2K	652-3345P-1-202
5K	652-3345P-1-502
10K	652-3345P-1-103
20K	652-3345P-1-203
50K	652-3345P-1-503

3352 SERIES 3/8" ROUND SINGLE-TURN CERMET/INDUSTRIAL/OPEN FRAME

DIMENSIONS (mm)


Common Diminsions
3.81±
.51 typ.
5.08
typ.
8.89
4.75 typ.
1.27 typ.
9.53
±.38
.51±.05
dia. pins typ.
7.62 typ.
3352T
2.21±.38
2.54 typ.
3352W
5.08 max.
2.54 typ.

Features:
- Stable cermet element offers infinite resolution
- Very low profile
- Thumb and screwdriver adjustment

Specifications:
- Resistance tolerance: ±20% std.
- Power rating: 85°C - 0.25W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C 2K and up; ±150ppm/°C below 2K

Series No.	Price Each		
	1	10	50
3352T, 3352W	1.02	.95	.86

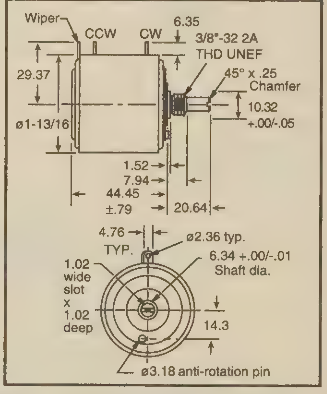
Value (Ω)	3352T Series	3352W Series
	MOUSER STOCK NO.	
50	652-3352T-1-500	- - - - -
100	652-3352T-1-101	- - - - -
200	- - - - -	652-3352W-1-201
500	652-3352T-1-501	652-3352W-1-501
1K	652-3352T-1-102	652-3352W-1-102
2K	652-3352T-1-202	652-3352W-1-202
5K	652-3352T-1-502	652-3352W-1-502
10K	652-3352T-1-103	652-3352W-1-103
20K	652-3352T-1-203	652-3352W-1-203
50K	652-3352T-1-503	652-3352W-1-503
100K	652-3352T-1-104	- - - - -
200K	652-3352T-1-204	652-3352W-1-204
500K	652-3352T-1-504	652-3352W-1-504
1000K	652-3352T-1-105	- - - - -
5000K	652-3352T-1-505	- - - - -

3400 SERIES 10-TURN PRECISION POTENTIOMETERS

Features:
- Bushing mount
- Excellent wiper stability
- High stop strength
- Sealable

Specifications:
- Resistance tolerance: ±3%
- Power rating: 5W

DIMENSIONS (mm)


Wiper
CCW
CW
6.35
3/8"-32 2A
THD UNEF
45° x .25
Chamfer
29.37
10.32
+.00/-.05
ø1-13/16
1.52
7.94
44.45
±.79
20.64
4.76
TYP.
ø2.36 typ.
6.34 +.00/-.01
Shaft dia.
1.02
wide
slot
x
1.02
deep
14.3
ø3.18 anti-rotation pin

Series No.	Price Each		
	1	5	10
3400S	88.50	84.00	80.00

MOUSER STOCK NO.	Value (Ω)
652-3400S-1-102	1K
652-3400S-1-502	5K
652-3400S-1-103	10K

3500 SERIES 10-TURN PRECISION POTENTIOMETERS

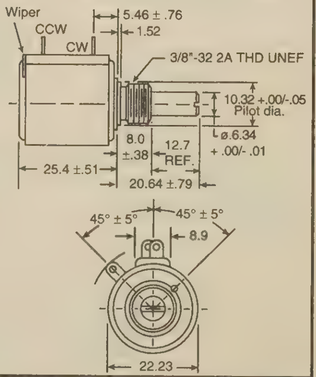
Features:
- Bushing mount
- Sealable
- Gangable

Specifications:
- Resistance tolerance: ±3%
- Power rating: 70°C - 2W; 125°C - 0W
- Temperature range: -65°C to +125°C
- Temperature coefficient: ±50ppm/°C

Series No.	Price Each		
	1	5	10
3500S	41.71	39.67	37.91

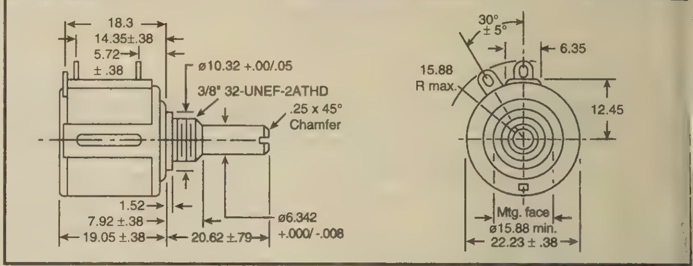
MOUSER STOCK NO.	Value (Ω)	Resolution
652-3500S-2-102	1K	0.03
652-3500S-2-502	5K	0.018
652-3500S-2-103	10K	0.019

DIMENSIONS (mm)


Wiper
CCW
CW
5.46 ± .76
1.52
3/8"-32 2A THD UNEF
10.32 +.00/-.05
Pilot dia.
ø.6.34
+ .00/- .01
8.0
±.38
12.7
REF.
25.4 ±.51
20.64 ±.79
45° ± 5°
45° ± 5°
8.9
22.23

3540 / 3541 10-TURN PRECISION POTS

DIMENSIONS (mm)


18.3
14.35±.38
5.72
± .38
ø10.32 +.00/.05
3/8" 32-UNEF-2ATHD
.25 x 45°
Chamfer
1.52
7.92 ±.38
19.05 ±.38
20.62 ±.79
ø6.342
+.000/-.008
30°
± 5°
6.35
15.88
R max.
12.45
Mtg. face
ø15.88 min.
22.23 ± .38

Specifications for 3540 Wirewound:
- Standard resistance range: 100-100KΩ
- Resistance tolerance: ±5%
- Power rating: 70°C - 2W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±50ppm/°C

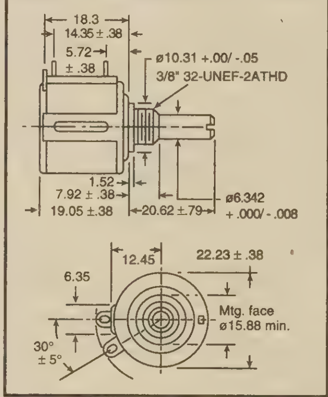
Specifications for 3541 Hybritron:
- Standard resistance range: 1K-100KΩ
- Resistance tolerance: ±10%
- Power rating: 70°C - 2W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±100ppm/°C

Series No.	Price Each		
	1	5	10
3540S	13.50	12.71	12.26
3541H	33.23	32.50	30.82

Value (Ω)	3540S Series	3541H Series
	MOUSER STOCK NO.	
100	652-3540S-1-101	- - - - -
200	652-3540S-1-201	- - - - -
500	652-3540S-1-501	- - - - -
1K	652-3540S-1-102	652-3541H-1-102
2K	652-3540S-1-202	- - - - -
5K	652-3540S-1-502	652-3541H-1-502
10K	652-3540S-1-103	652-3541H-1-103
20K	652-3540S-1-203	- - - - -
50K	652-3540S-1-503	- - - - -
100K	652-3540S-1-104	- - - - -

3543/3545 SERIES PRECISION POTENTIOMETER

DIMENSIONS (mm)


18.3
14.35 ± .38
5.72
± .38
ø10.31 +.00/ -.05
3/8" 32-UNEF-2ATHD
1.52
7.92 ± .38
19.05 ±.38
20.62 ±.79
ø6.342
+ .000/ - .008
12.45
22.23 ± .38
6.35
Mtg. face
ø15.88 min.
30°
± 5°

Series No.	Price Each		
	1	5	10
3543S	22.62	22.09	20.95
3545S	23.30	22.75	21.58

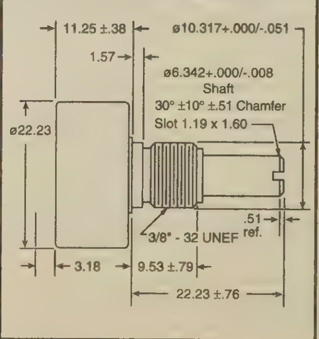
Specifications for 3543 3-Turn:
- Standard resistance range: 20-50KΩ
- Resistance tolerance: ±5%
- Power rating: 70°C - 1W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±50ppm/°C

Specifications for 3545 5-Turn:
- Standard resistance range: 50-50KΩ
- Resistance tolerance: ±5%
- Power rating: 70°C - 1.5W; 125°C - 0W
- Temperature range: -55°C to +125°C
- Temperature coefficient: ±50ppm/°C

MOUSER STOCK NO.	Value (Ω)	Resolution
3-Turn		
652-3543S-1-102	1K	0.063
652-3543S-1-202	2K	0.062
652-3543S-1-502	5K	0.047
652-3543S-1-103	10K	0.04
5-Turn		
652-3545S-1-102	1K	0.043
652-3545S-1-202	2K	0.036
652-3545S-1-502	5K	0.038
652-3545S-1-103	10K	0.027

6639 SERIES PRECISION POTENTIOMETERS

DIMENSIONS (mm)


11.25 ±.38
ø10.317+.000/-.051
1.57
ø6.342+.000/-.008
Shaft
30° ±10° ±.51 Chamfer
Slot 1.19 x 1.60
ø22.23
.51
ref.
3/8" - 32 UNEF
3.18
9.53 ±.79
22.23 ±.76

Features:
- Essentially infinite resolution
- Excellent rotational life

Specifications:
- Resistance tolerance: ±15%
- Power rating: 1.0W
- Mechanical angle: continuous

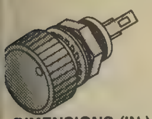
Series No.	Price Each		
	1	10	25
6639S	11.65	11.10	10.65

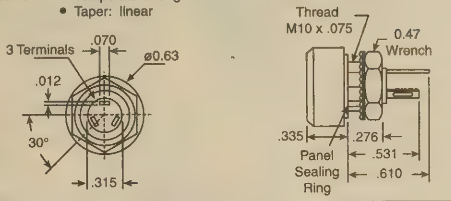
MOUSER STOCK NO.	Value (Ω)
625-6639S-1-102	1K
625-6639S-1-202	2K
625-6639S-1-502	5K
625-6639S-1-103	10K
625-6639S-1-203	20K

Single-Turn Potentiometers

CERMET POTENTIOMETER KNOBS, MODEL P16

Specifications:
- Electrical travel: 270° ± 10°
- Dielectric strength: 2500RMS
- Limiting element voltage: 350V linear law
- Mechanical travel: 300° ± 5°
- Rotational life: 25,000 cycles
- Tolerance: ±10%
- Power rating: 1W @ +40°C
- Temperature range: -55°C to +125°C
- Taper: linear



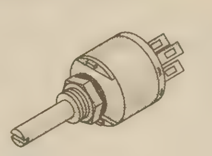

Thread
M10 x .075
0.47
Wrench
3 Terminals
.070
ø0.63
.012
30°
.315
.335
.276
.531
.610
Panel
Sealing
Ring

DIMENSIONS (IN.)

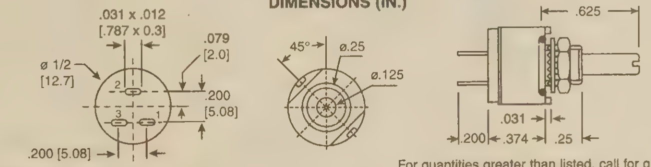
MOUSER STOCK NO.	Resistance Values (Ω)	Max. Power @ +40°C	Maximum Current Through Element	Price Each			
				1	10	25	50
72-P16NP-1K	1K	1W	31.6mA	5.98	5.44	5.17	4.90
72-P16NP-5K	5K	1W	14.58mA	5.98	5.44	5.17	4.90
72-P16NP-10K	10K	1W	10mA	5.98	5.44	5.17	4.90
72-P16NP-50K	50K	1W	4.61mA	5.98	5.44	5.17	4.90
72-P16NP-1M	1M	.12W	.35mA	5.98	5.44	5.17	4.90
72-P16NP-4.7M	4.7M	- - -	.07mA	5.98	5.44	5.17	4.90

CERMET POTENTIOMETERS, MODEL PRV6

Specifications:
- Resistance tolerance: ±10%
- Power rating: 1.5W @ 70°C
- Electrical travel: 270° ±15°
- Mechanical travel: 300° ±5°
- Temperature range: -55°C to + 125°C
- Mechanical life 50,000 cycles
- Solder lugs
- Taper: linear



DIMENSIONS (IN.)


.031 x .012
[.787 x 0.3]
.079
[2.0]
ø 1/2
[12.7]
2
3
1
.200
[5.08]
.200 [5.08]
45°
ø.25
ø.125
.625
.031
.200
.374
.25

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Resistance Values (Ω)	Max. Power @ +70°C	Maximum Current Through Element	Price Each			
				1	10	25	50
72-PRV6-1K	1K	1.5W	38.7mA	11.36	9.85	9.09	7.58
72-PRV6-10K	10K	1.5W	12.2mA	11.36	9.85	9.09	7.58
72-PRV6-50K	50K	1.5W	5.65mA	11.36	9.85	9.09	7.58
72-PRV6-100K	100K	1.22W	3.5mA	11.36	9.85	9.09	7.58
72-PRV6-500K	500K	0.25W	0.7mA	11.36	9.85	9.09	7.58
72-PRV6-1M	1M	0.12W	0.35mA	11.36	9.85	9.09	7.58

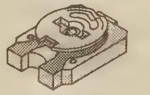
3mm SINGLE TURN SMD, SQUARE, OPEN FRAME, CERMET TRIMMER POTENTIOMETERS

Specifications:
- Tolerance: ±30%
- Operating temperature range: -40°C to +100°C
- Rated voltage: 50VDC
- Electrical Rotation: 270° ±20°
- Power rating: .1W @ 70°C
- Temperature Coefficient: ±250ppm/°C

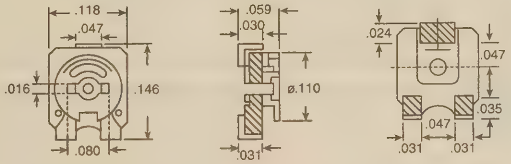
♦ Surface Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Table of Values (Ω)	Price Each			
		1	25	50	100
72-ST30A-Value	1K, 5K, 10K, 50K, 100K	.40	.32	.27	.26



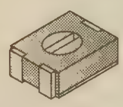
DIMENSIONS (IN.)


.118
.047
.016
.146
.080
.059
.030
ø.110
.031
.024
.047
.035
.047
.031
.031

3mm SINGLE TURN SMD, SQUARE, SEALED, CERMET TRIMMER POTENTIOMETERS

Specifications:
- Tolerance: ±20%
- Operating temperature range: -55°C to +125°C
- Rotational life: 100 cycles
- Power rating: .125W @ 70°C, 0W @ 125°C
- Temperature Coefficient: ≤100 ohms ± 150ppm/°C, >100 ohms ± 100ppm/°C

Features:
- Compatible with surface mount manufacturing processes
- 100 cycle rotational and seal life

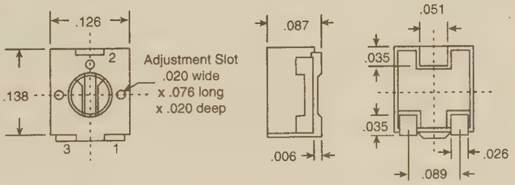


♦ Surface Mount

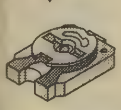
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Table of Values (Ω)	Cross-Reference	Price Each			
		Bourns	1	50	100	500
72-TS3YJ-Value	10, 20, 50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	3313J	1.38	1.21	1.12	1.04

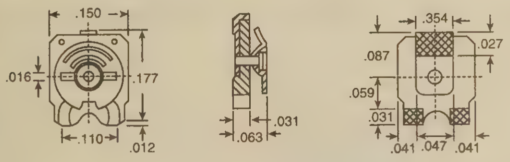
DIMENSIONS (IN.)


.126
2
.138
3
1
Adjustment Slot
.020 wide
x .076 long
x .020 deep
.087
.006
.051
.035
.035
.026
.089

4mm SINGLE TURN SMD, SQUARE, OPEN FRAME, CERMET TRIMMER POTENTIOMETERS



DIMENSIONS (IN.)


.150
.016
.177
.110
.012
.063
.031
.354
.087
.027
.059
.031
.041
.047
.041

Specifications:
- Tolerance: ±30%
- Operating temperature range: -40°C to +100°C
- Rated voltage: 100VDC
- Rotation: 270° ±20°
- Power rating: .2W @ 70°C
- Temperature Coefficient: ±250ppm/°C

♦ Surface Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Table of Values (Ω)	Price Each			
		1	25	50	100
♦ 72-ST22A-Value	5K, 50K, 100K, 200K, 500K	.45	.38	.36	.35

4mm SINGLE TURN SMD, SQUARE, SEALED, CERMET TRIMMER POTENTIOMETERS

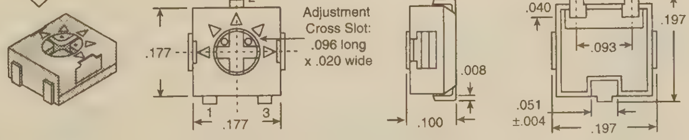
Specifications:
- Tolerance: ±20%
- Operating temperature range: -55°C to +125°C
- Rotational life: 100 cycles
- Power rating: .25W @ 70°C, 0W @ 125°C
- Temperature Coefficient: ±100ppm/°C

Features:
- Fully sealed to withstand board washing
- J-hook and gull-wing configurations

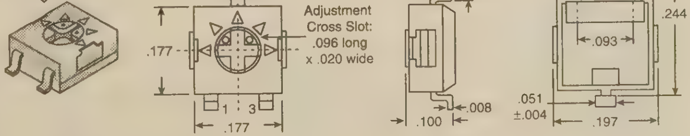
Cross-Reference: Bourns 3314J/G

DIMENSIONS (IN.)

A


2
.177
1
.177
3
Adjustment
Cross Slot:
.096 long
x .020 wide
.008
.100
.040
.197
.093
.051
±.004
.197

B


2
.177
1
3
.177
Adjustment
Cross Slot:
.096 long
x .020 wide
5°
max.
.024
.008
.100
.031±.004
.244
.093
.051
±.004
.197

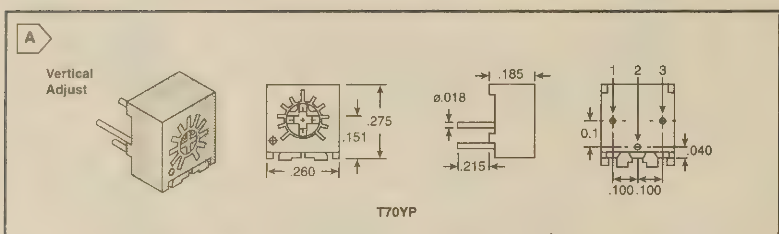
♦ Surface Mount

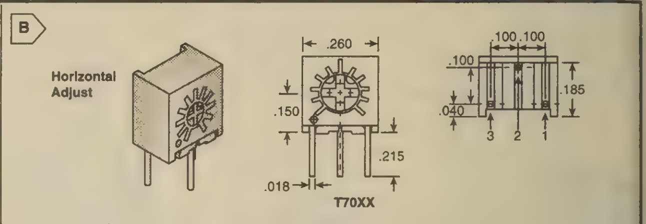
For quantities greater than listed, call for quote.

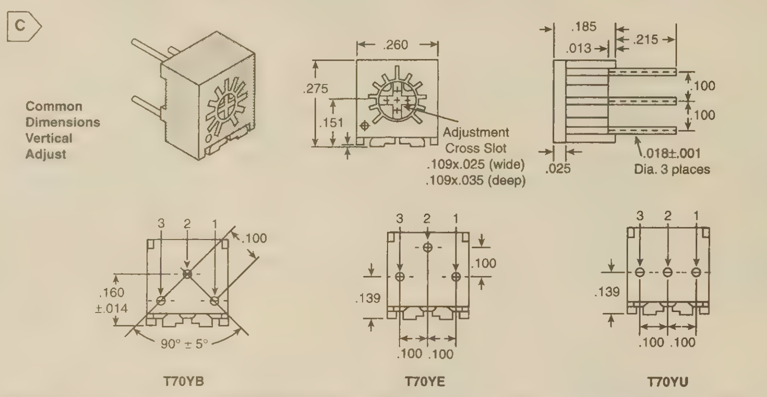
MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Price Each			
			1	50	100	500
♦ 72-TS4YJ-Value	A	10, 20, 50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	1.32	1.16	1.07	.99
♦ 72-TS4YL-Value	B		1.32	1.16	1.07	.99

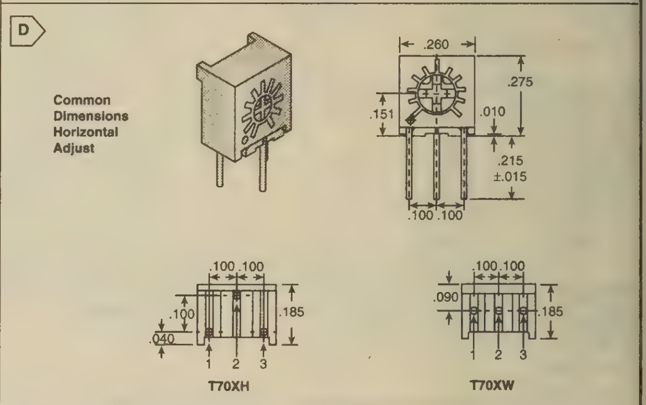
Single-Turn Potentiometers

DIMENSIONS (IN.)


A
Vertical Adjust
.185
ø.018
.275
.151
.260
.215
1 2 3
0.1
.040
.100 .100
T70YP


B
Horizontal Adjust
.260
.100 .100
.100
.185
.040
3 2 1
.150
.215
.018
T70XX


C
Common Dimensions Vertical Adjust
.260
.275
.151
Adjustment Cross Slot .109x.025 (wide) .109x.035 (deep)
.185
.013
.215
.100
.100
.025
.018±.001 Dia. 3 places
3 2 1
.100
.160 ±.014
90° ± 5°
T70YB
.100
.139
.100 .100
T70YE
.139
.100 .100
T70YU


D
Common Dimensions Horizontal Adjust
.260
.275
.151
.010
.215 ±.015
.100 .100
.100 .100
.100
.185
.040
1 2 3
T70XH
.100 .100
.090
.185
1 2 3
T70XW

1/4" SINGLE-TURN, SQUARE, CERMET TRIMMER POTENTIOMETERS

Specifications:

- Tolerance: ±10%
- Operating temperature range: -55°C to +125°C
- Rated voltage: 250VD
- Rotation: 250° ± 15°
- Power rating: .5W @ 100°C
- Temperature coefficient: ±70ppm/°C
- Rotation life: 200 cycles

Features:

- Withstands harsh environments and immersion cleaning processes

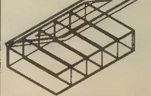
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Cross-Reference	Price Each			
			Bourns	1	25	50	100
72-T70YP-Value	A	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M	3362R	.88	.73	.65	.60
72-T70XX-Value	B	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M	3323W, 3362W	.88	.73	.65	.60
72-T70YB-Value	C	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M	3362H	.88	.73	.65	.60
72-T70YE-Value	C	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M	3323P, 3362P	.88	.73	.65	.60
72-T70YU-Value	C	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M	3323U, 3362U	.88	.73	.65	.60
72-T70XH-Value	D	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M	3323X, 3362X	.88	.73	.65	.60
72-T70XW-Value	D	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M	3362M	.88	.73	.65	.60

Trimmer Potentiometer Kits

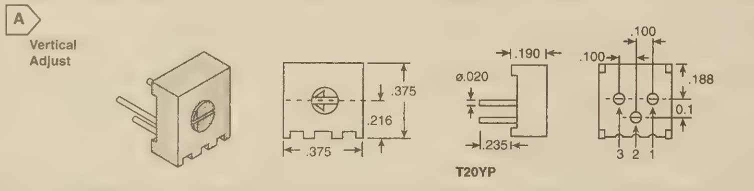
Kit Contains 85 Pieces:

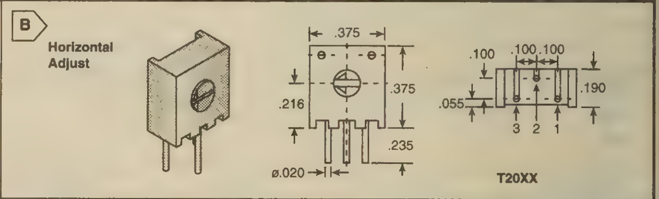
- 10 each: 1K, 5K, and 10K
- 5 each: 100, 200, 500, 2K, 25K, 50K, 100K, 200K, 500K, and 1M

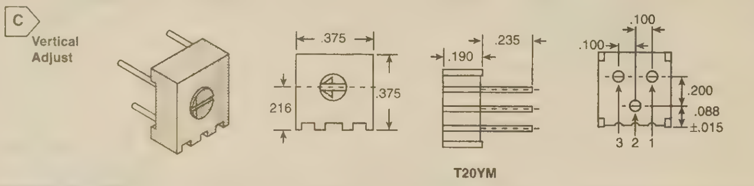


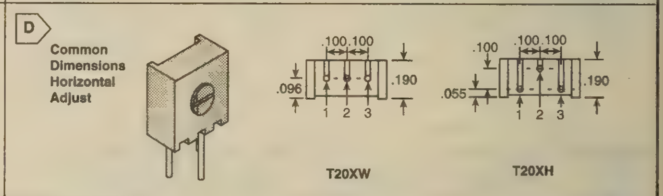
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	25
370-T70XX-KIT	64.95	59.95
370-T70XW-KIT	64.95	59.95
370-T70YP-KIT	64.95	59.95


A
Vertical Adjust
.375
.216
.375
.190
ø.020
.235
.100
.100
.188
0.1
3 2 1
T20YP


B
Horizontal Adjust
.375
.375
.216
.235
ø.020
.100
.100 .100
.190
.055
3 2 1
T20XX


C
Vertical Adjust
.375
.375
216
.235
.190
.100
.100
.200
.088 ±.015
3 2 1
T20YM


D
Common Dimensions Horizontal Adjust
.100 .100
.096
.190
1 2 3
T20XW
.100
.100 .100
.055
.190
1 2 3
T20XH

DIMENSIONS (IN.)

3/8" SINGLE-TURN, SQUARE, CERMET TRIMMER POTENTIOMETERS

Specifications:

- Tolerance: ±10%
- Oper. temp. range: -55°C to +125°C
- Rated voltage: 250VDC
- Rotation: 250° ± 15°
- Power rating: .5W @ +85°C
- Temperature Coefficient: ±100ppm/°C
- Rotation life: 200 cycles

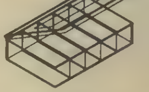
Features:

- Withstands harsh environments and immersion cleaning processes.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Cross-Ref.	Price Each			
			Bourns	1	25	50	100
72-T20YP-value	A	50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 250K, 500K, 1M, 2M	3386P	.76	.60	.58	.56
72-T20XX-value	B		3386X	.76	.60	.58	.56
72-T20YM-value	C		3386F-1	.76	.60	.58	.56
72-T20XH-value	D		3386H-1	.76	.60	.58	.56
72-T20XW-value	D		3386W-1	.76	.60	.58	.56

Trimmer Potentiometer Kits

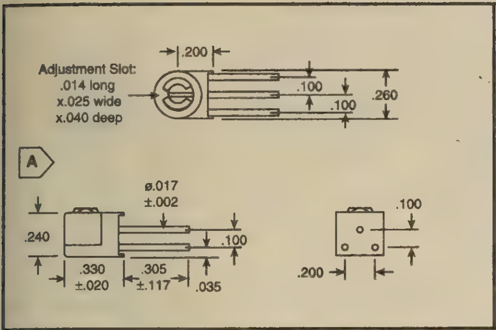


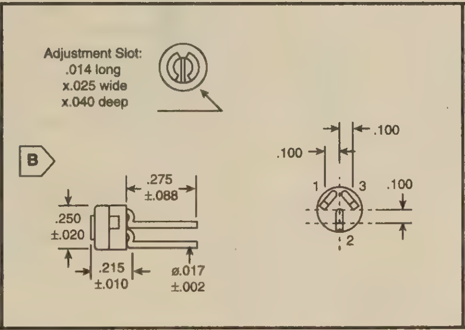
For quantities greater than listed, call for quote.

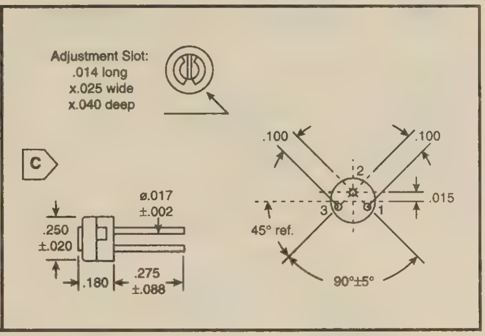
MOUSER STOCK NO.	Kit Contains 90 Pieces	Price Each
370-T20XX-KIT	10 each: 1K, 5K, & 10K 5 each: 50, 100, 200, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, & 2M	59.95
370-T20XW-KIT		59.95
370-T20YP-KIT		59.95

Single-Turn, Multi-Turn Potentiometers, and Attenuators

DIMENSIONS (IN.)


A
Adjustment Slot:
.014 long
x.025 wide
x.040 deep
.200
.100
.100
.260
ø.017
±.002
.240
.100
.330
±.020
.305
±.117
.035
.100
.200


B
Adjustment Slot:
.014 long
x.025 wide
x.040 deep
.275
±.088
.250
±.020
.215
±.010
ø.017
±.002
.100
.100
.100
1
3
2


C
Adjustment Slot:
.014 long
x.025 wide
x.040 deep
ø.017
±.002
.250
±.020
.180
.275
±.088
.100
.100
2
3
1
.015
45° ref.
90°±5°

1/4" SINGLE-TURN, ROUND, CERMET TRIMMER POTENTIOMETERS

Specifications:
- Tolerance: ±10%
- Oper. temp. range: -55°C to +150°C
- Rotational life: 200 cycles
- Power rating: .5W @ +85°C
- Temperature coefficient: ±100ppm/°C

Features:
- Fully sealed to withstand board washing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Cross-Reference	Price Each			
			Bourns	1	25	50	100
72-T7RXX-Value	A	50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1M	3329X	1.50	1.25	1.13	1.00
72-T7RYA-Value	B		3329P	1.50	1.25	1.13	1.00
72-T7RYB-Value	C		3329H	1.50	1.25	1.13	1.00

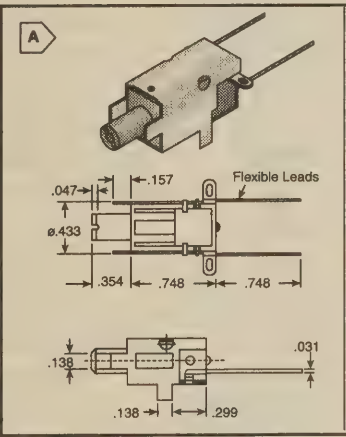
ADJUSTABLE ATTENUATORS

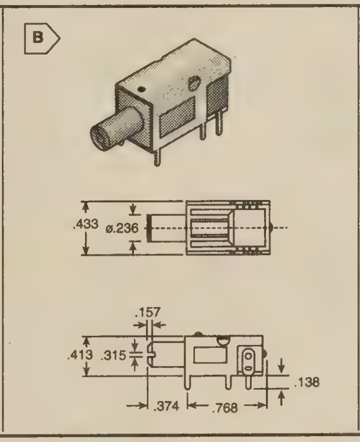
DIMENSIONS (IN.)

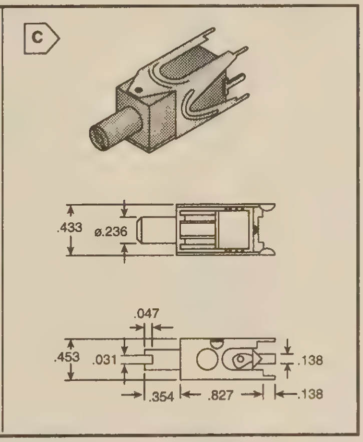
Specifications:
- Impedance: 75Ω
- Actuation: insul. plastic shaft w/screwdriver slot
- Terminals: silver plated lugs, tinned pins
- Nominal angle of rotation: 3 revolutions

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Each			
		1	5	10	25
72-M2001-HP1	A	4.58	3.66	3.20	2.75
72-M2001-HP2	B	4.58	3.66	3.20	2.75
72-M2001-HS2	C	4.58	3.66	3.20	2.75


A
.047
.157
Flexible Leads
ø.433
.354
.748
.748
.031
.138
.138
.299


B
.433
ø.236
.157
.413
.315
.138
.374
.768

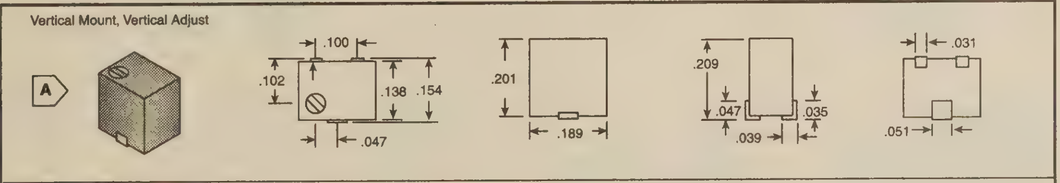

C
.433
ø.236
.047
.453
.031
.138
.354
.827
.138

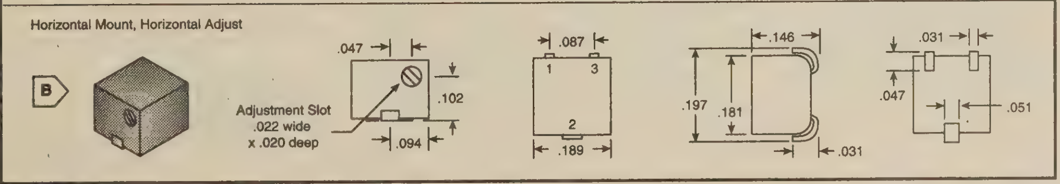
4mm MULTI-TURN SMD, SQUARE, CERMET TRIMMER POTENTIOMETERS

DIMENSIONS (IN.)

Specifications:
- Tolerance: ±10%
- Oper. temp. range: -65°C to +150°C
- Rotation cycling: 200 cycles
- Power rating: .25W @ +85°C
- Temperature coefficient: ±100ppm/°C

Features:
- Sealed to withstand board wash processing
- Pick and place centering design
- 4mm design meets EIA SMD standard trimmer footprint
- Top and side adjust styles
- Temperature coefficient: ±100ppm/°C


Vertical Mount, Vertical Adjust
A
.100
.102
.138
.154
.047
.201
.189
.209
.047
.035
.039
.031
.051


Horizontal Mount, Horizontal Adjust
B
.047
.102
Adjustment Slot
.022 wide
x .020 deep
.094
.087
1
3
2
.189
.146
.197
.181
.031
.031
.047
.051

◆ Surface Mount Device

For quantities greater than listed, call for quote.

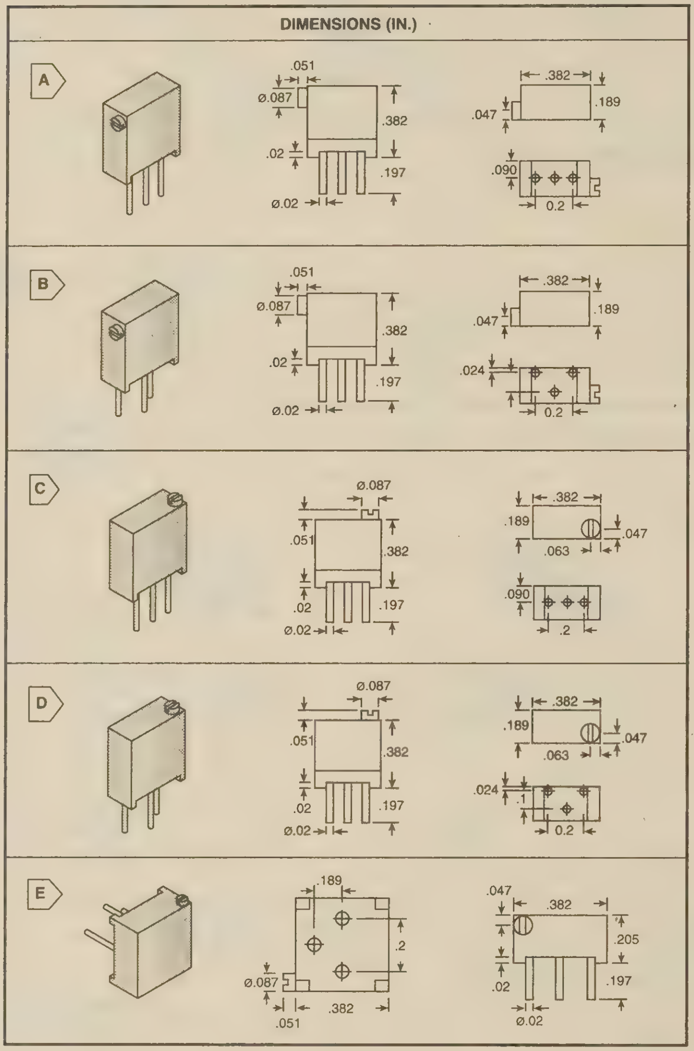
MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Cross-Reference	Price Each			
			Bourns	1	25	50	100
◆ 72-TSM43YJ-Value	A	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K	3214W	3.20	2.75	2.46	2.34
◆ 72-TSM43ZJ-Value	B		3214J	3.20	2.75	2.46	2.34

Multi-Turn Potentiometers

3/8" MULTI-TURN, SQUARE, CERMET TRIMMER POTENTIOMETERS

Specifications:
- Tolerance: ±10%
- Rated voltage: 250VDC
- Operating temperature range: -55°C to +155°C
- Rotation: 19 turns ±2
- Power rating: .50W @ 85°C
- Temperature coefficient: ±70ppm/°C
- Screwdriver slot: .024" x .024"

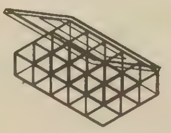
DIMENSIONS (IN.)


A
.051
ø.087
.382
.02
.197
ø.02
.382
.189
.047
.090
0.2
B
.051
ø.087
.382
.02
.197
ø.02
.382
.189
.047
.024
0.2
C
ø.087
.051
.382
.02
.197
ø.02
.382
.189
.047
.063
.090
.2
D
ø.087
.051
.382
.02
.197
ø.02
.382
.189
.047
.063
.024
.1
0.2
E
.189
.2
ø.087
.382
.051
.047
.382
.205
.02
.197
ø.02

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Cross-Ref.	Price Each			
			Bourns	1	25	50	100
72-T93XA-Value	A	10, 20, 50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 250K, 500K, 1M, 2M	3296X, 3299X, 3292XX	1.20	1.15	1.10	1.05
72-T93XB-Value	B		3296Z, 3299Z	1.20	1.15	1.10	1.05
72-T93YA-Value	C		3296W,3299W, 3299Y	1.20	1.15	1.10	1.05
72-T93YB-Value	D		3296Y, 3299Y	1.20	1.15	1.10	1.05
72-T93Z-Value	E		3296P, 3299P, 3292P	2.34	2.24	2.15	2.05

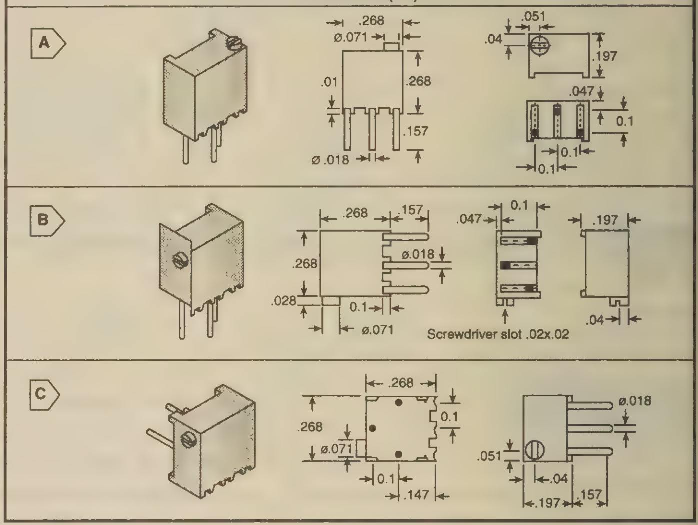
MOUSER STOCK NO.	Kit Contains 90 Pieces	Price Each
370-T93XA-KIT 370-T93XB-KIT 370-T93YA-KIT 370-T93YB-KIT 370-T93Z-KIT	10 each: 1K, 5K, 10K 5 each: 10, 50, 100, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	99.95



1/4" MULTI-TURN, SQUARE, CERMET TRIMMER POTENTIOMETERS

Specifications:
- Tolerance: ±10%
- Oper. temp. range: -55°C to +155°C
- Rated voltage: 250VD
- Rotation: 15 turns ±5
- Power rating: .25W @ 85°C
- Temperature coefficient: ±70ppm/°C
- Screwdriver slot: .02" x .02"

DIMENSIONS (IN.)


A
.268
ø.071
.268
.01
.157
ø.018
.051
.04
.197
.047
0.1
0.1
0.1
B
.268
.157
.268
ø.018
.028
0.1
ø.071
.047
0.1
.197
.04
Screwdriver slot .02x.02
C
.268
.268
ø.071
0.1
0.1
.147
ø.018
.051
.04
.197
.157

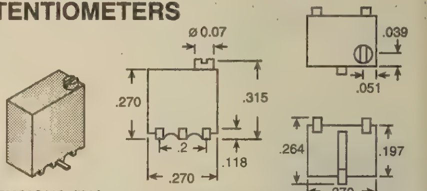
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Cross-Ref.	Price Each			
			Bourns	1	25	50	100
72-T63YB-Value	A	10, 20, 50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 250K, 500K, 1M	3266W-1, 3262W-1	2.49	2.27	2.13	1.99
72-T63XB-Value	B		3266X-1, 3262X-1	2.49	2.27	2.13	1.99
72-T63ZB-Value	C		3266P-1, 3262P-1	2.49	2.27	2.13	1.99

1/4" MULTI-TURN SMD, SQUARE, CERMET TRIMMER POTENTIOMETERS

Specifications:
- Tolerance: ±10%
- Oper. temp. range: -55°C to +155°C
- Rated voltage: 250VD
- Rotation: 13 turns ±2
- Power rating: .25W @ 85°C
- Temperature coefficient: ±50ppm/°C
- Screwdriver slot: .02" x .02"

♦ **Surface Mount Device**


ø 0.07
.270
.315
.2
.118
.270
.039
.051
.264
.197

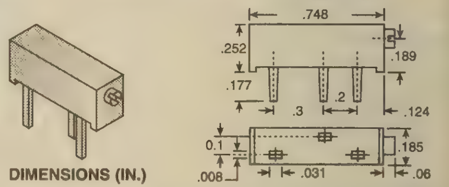
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Table of Values (Ω)	Cross-Ref.	Price Each			
		Bourns	1	25	50	100
♦ 72-TS63Y-Value	10, 20, 50, 100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 250K, 500K, 1M, 2M	3269W	2.89	2.35	1.88	1.72

3/4" MULTI-TURN, RECTANGULAR, HORIZONTAL ADJUST, CERMET TRIMMER POTENTIOMETERS

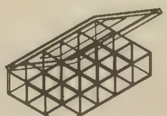
Specifications:
- Tolerance: ±10%
- Oper. temp. range: -55°C to +155°C
- Rated voltage: 250VDC
- Rotation: 15 turns ±1
- Power rating: .75W @ 70°C
- Temperature coefficient: ±70ppm/°C
- Screwdriver slot: .024" x .024"


.748
.252
.189
.177
.3
.2
.124
0.1
.185
.008
.031
.06

DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

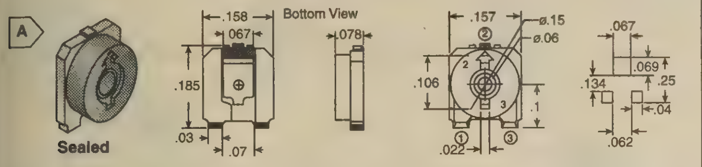
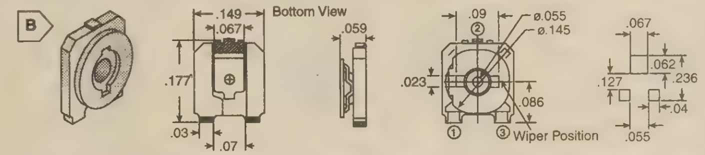
MOUSER STOCK NO.	Table of Values (Ω)	Cross-Ref.	Price Each			
		Bourns	1	25	50	100
72-T18-Value	100, 200, 500, 1K, 2K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1M, 2M	3006P	1.24	1.19	1.15	1.05



MOUSER STOCK NO.	Kit Contains 90 Pieces	Price Each
370-T18-KIT	10 each: 1K, 5K, 10K 5 each: 100, 200, 500, 2K, 20K, 25K, 50K, 100K, 200K, 500K, 1M, 2M	99.95

Spectrol Single-Turn Trimmer Potentiometers and Tool

4mm SURFACE MOUNT TRIMMERS

DIMENSIONS (IN.)	DIMENSIONS (IN.)
	

A
Sealed
.158
.067
Bottom View
.078
.185
.03
.07
.157
ø.15
ø.06
.106
.1
.022
①
②
③
.067
.069
.25
.134
.04
.062
B
.149
.067
.059
.177
.03
.07
.09
ø.055
ø.145
.023
.086
Wiper Position
.067
.062
.236
.127
.04
.055

Sealed Trimmer Model 4M

Specifications:
- Effective rotational angle: 240°±10°
- Resistance tolerance: ±25%
- Temperature coefficient of resistance: ±250ppm/°C
- Power rating: 0.1 watts @ 70°C
- Operating temperature range: -55°C to +125°C

Features:
- Mini, super-thin (4.7 x 4.0 x 2.0mm)
- Suitable for flow and reflow soldering
- High reliability
- Sealed to withstand immersion cleaning process
- No cleaning process is necessary after soldering

▸ Surface Mount Device

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each 1	25	50	100	500	1000	2500	5000	10000
594-004M-Value	A	1K, 5K, 10K, 50K, 100K	1.40	1.23	1.18	1.08	0.88	.797	.770	.715	.699

Open Frame Model 4H

Specifications:
- Temperature coefficient of resistance: ±250ppm/°C
- Operating temperature range: -55°C to +125°C
- Effective rotational angle: 270° ± 10°
- Max. working voltage: 50VDC
- Power rating: 0.1W @ 70°C
- Resistance tolerance: ±25%

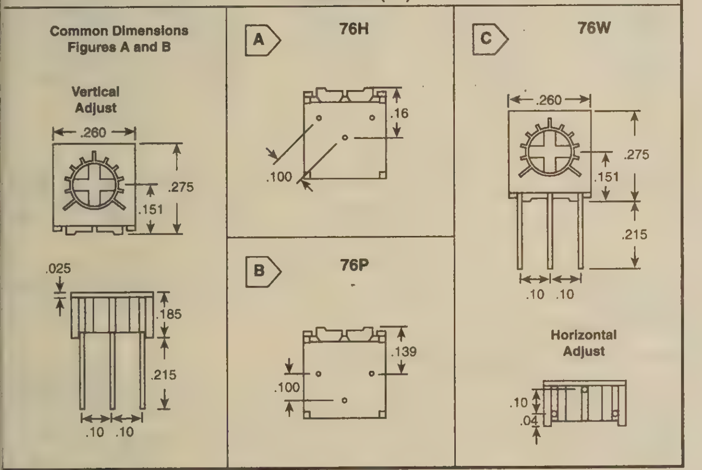
Features:
- Excellent solder wettability
- Nickel barrier layer construction

▸ Surface Mount Device

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each 1	25	50	100	500	1000	2500	5000	10000
594-004H-Value	B	1K, 5K, 10K, 50K, 100K	0.70	0.65	0.62	0.58	0.50	.348	.336	.312	.305

1/4" SQUARE TRIMMERS MODEL 76

DIMENSIONS (IN.)



Common Dimensions Figures A and B
Vertical Adjust
.260
.275
.151
.025
.185
.215
.10 .10
A
76H
.16
.100
B
76P
.139
.100
C
76W
.260
.275
.151
.215
.10 .10
Horizontal Adjust
.10
.04

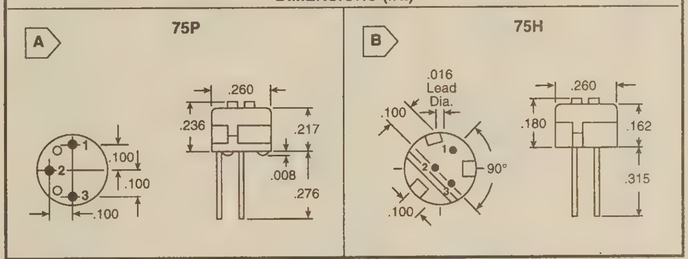
Specifications:
- Tolerance: ±10%
- Temperature coefficient: ±100ppm/°C
- Rating: 0.5 W @ 70°C, derated linearly to 0 W @ 125°C
- Contact resistance variation: 1% or 3Ω, whichever is greater

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each 1	25	50	100
594-76H-Value	A	500, 1K, 2K,	1.71	1.54	1.40	1.28
594-76P-Value	B	5K, 10K, 20K, 50K,	1.71	1.54	1.40	1.28
594-76W-Value	C	100K, 500K, 1M	1.78	1.60	1.45	1.33

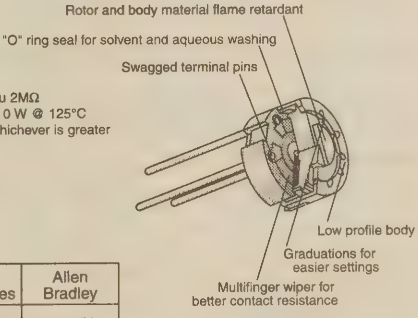
1/4" ROUND CERMET TRIMMERS MODEL 75

DIMENSIONS (IN.)



A
75P
.100
.100
.100
.260
.236
.217
.008
.276
B
75H
.016 Lead Dia.
.100
90°
.100
.260
.180
.162
.315

Specifications:
- Tolerance: ±10%
- Travel: 230°±5°
- Maximum voltage: ≤ 300V
- Operating temp.: -55°C to + 125°C
- Coefficient of res.: ±100ppm/°C, 100Ω thru 2MΩ
- Rating: 0.5 W @ 70°C, derated linearly to 0 W @ 125°C
- Contact resistance variation: 3% or 3Ω, whichever is greater



Rotor and body material flame retardant
"O" ring seal for solvent and aqueous washing
Swagged terminal pins
Low profile body
Graduations for easier settings
Multifinger wiper for better contact resistance

Features:
- Easy adjustment and stability
- Environmental and performance testing to MIL-STD-202 and MIL-R-22097

Cross-Reference Chart

Spectrol	Bourns	BI Technologies	Allen Bradley
75P	3329P	62M, 82M	SVXXX1
75H	3329H	82P, 62P	AZAXXXU

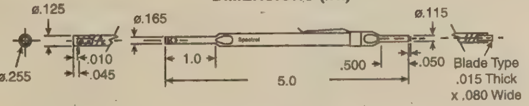
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Values (Ω)	Price Each 1	25	50
594-75P-Value	A	100, 200, 500, 1K, 2K, 5K, 10K,	1.71	1.54	1.40
594-75H-Value	B	20K, 50K, 100K, 200K, 500K, 1M	1.71	1.54	1.40

TRIMMER ADJUSTMENT TOOL

Features:
- Extended as well as recessed blade for critical adjustments
- Designed to adjust trimmer potentiometers of all sizes
- Made of glass filled nylon with corrosion resistant stainless steel blades

DIMENSIONS (IN.)



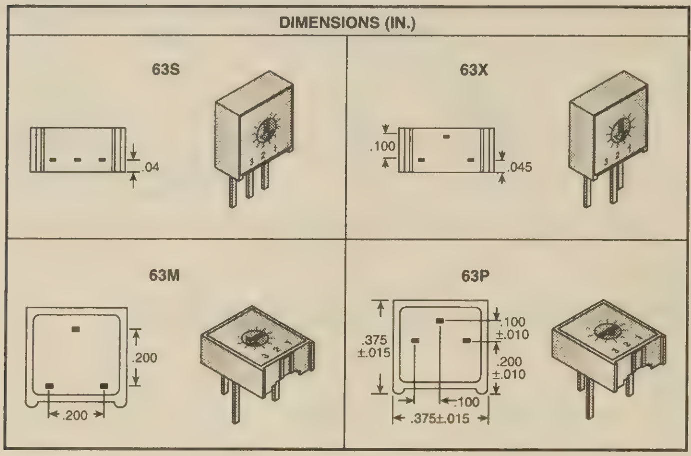
ø.125
ø.255
.010
.045
ø.165
1.0
5.0
.500
ø.115
.050
Blade Type .015 Thick x .080 Wide

MOUSER STOCK NO.	Price Each 1	25	50	100
594-8T000	1.00	.92	.85	.79

Single-Turn and Multi-Turn Trimmer Potentiometers

3/8" SINGLE-TURN CERMET TRIMMERS

DIMENSIONS (IN.)



Specifications:
- Tolerance: ±10%
- Coefficient of resistance: ±100ppm/°C
- Rating: 0.5 W @ 70°C, derated linearly to 0 W @ 125°C
- Contact resistance variation: 2% or 2Ω, whichever is greater
- Electrical travel: 270°

Features:
- Sealed for cleaning in common solvents
- Easy adjustment and stability

Cross-Reference Chart

Spectrol	Bourns	BI Technologies	Murata
63S	3386C	72XL	3104C
63X	3386X	72X	3104X
63M	3386F	72PM	3104F
63P	3386P	72P	3104P

Series No.	Price Each			
	1	25	50	100
63S, 63M	1.07	1.05	1.03	.84
63X, 63P	1.02	1.00	.99	.81

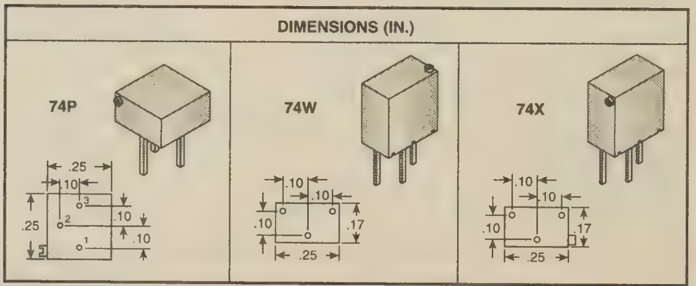
Value (Ω)	63S Series	63X Series	63M Series	63P Series
	MOUSER STOCK NO.			
10	- - -	- - -	- - -	594-63P100
20	- - -	- - -	- - -	594-63P200
50	- - -	- - -	- - -	594-63P500
100	594-63S101	594-63X101	594-63M101	594-63P101
200	594-63S201	594-63X201	594-63M201	594-63P201
500	594-63S501	594-63X501	594-63M501	594-63P501
1K	594-63S102	594-63X102	594-63M102	594-63P102
2K	- - -	594-63X202	- - -	594-63P202
5K	594-63S502	594-63X502	594-63M502	594-63P502
10K	594-63S103	594-63X103	594-63M103	594-63P103
20K	594-63S203	594-63X203	594-63M203	594-63P203
25K	594-63S253	594-63X253	- - -	594-63P253
50K	594-63S503	594-63X503	594-63M503	594-63P503
100K	594-63S104	594-63X104	594-63M104	594-63P104
200K	594-63S204	594-63X204	- - -	594-63P204
250K	- - -	- - -	- - -	594-63P254
500K	594-63S504	594-63X504	- - -	594-63P504
1M	594-63S105	594-63X105	- - -	594-63P105
2M	594-63S205	594-63X205	- - -	594-63P205

MODEL 74 1/4" SQUARE MULTI-TURN CERMET TRIMMERS

Manufactured to meet the highest reliability standards demanded by today's equipment manufacturers. Environmental and performance testing to MIL-STD-202 and MIL-R-22097. Available in 3 pin styles for top or side adjust. Excellent setting stability characteristics and case sealing to 85°C for 1 minute.

Specifications:
- Effective travel: 12 turns nominal
- Power rating: 0.25 watts @ 85°C
- Derated linearly to 0 @ 125°C
- Maximum voltage not to exceed 300V
- Operating temperature: -55°C to +125°C
- Contact resistance variation: 3% or 3Ω, whichever is greater
- Resistance tolerance: ±10%
- Temperature coefficient of resistance: ±100ppm/°C

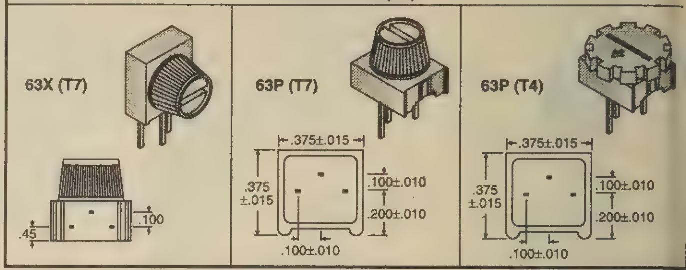
DIMENSIONS (IN.)



MOUSER STOCK NO.	Range of Values (Ω)	Price Each			
		1	25	50	100
594-74P-Value	500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 500K, 1M	2.60	2.20	2.10	2.00
594-74W-Value		2.60	2.20	2.10	2.00
594-74X-Value		2.60	2.20	2.10	2.00

3/8" SINGLE-TURN CERMET TRIMMERS WITH KNOB

DIMENSIONS (IN.)



Price Each			
1	25	50	100
2.05	1.82	1.64	1.50

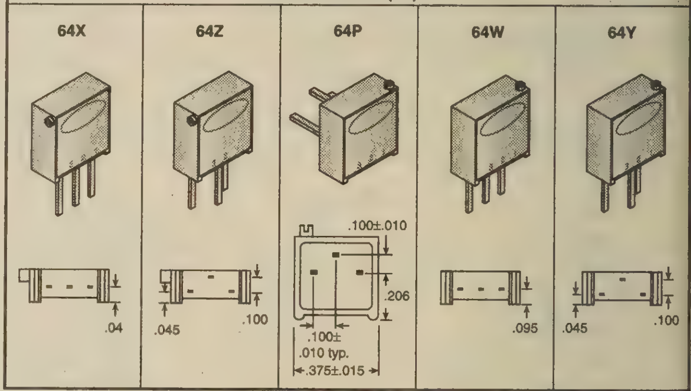
Value (Ω)	63X Series (T7)	63P Series (T7)	63P Series (T4)
	MOUSER STOCK NO.		
1K	594-63X102T7	594-63P102T7	594-63P102T4
2K	594-63X202T7	594-63P202T7	594-63P202T4
5K	594-63X502T7	594-63P502T7	594-63P502T4
10K	594-63X103T7	594-63P103T7	594-63P103T4
20K	594-63X203T7	594-63P203T7	594-63P203T4
50K	594-63X503T7	594-63P503T7	594-63P503T4
100K	594-63X104T7	594-63P104T7	594-63P104T4

MODEL 64 3/8" MULTI-TURN CERMET TRIMMERS

Specifications:
- Tolerance: ±10%
- Coefficient of resistance: ±100ppm/°C
- Rating: 0.5 W @ 70°C, derated linearly to 0W @ 125°C
- Contact resistance variation: 2% or 2Ω, whichever is greater
- 25 turns nominal

Features:
- Sealed for cleaning in common solvents
- Easy adjustment and stability

DIMENSIONS (IN.)



Cross-Reference Chart

Spectrol	Bourns	BI Technologies	Murata
64X	3296X	67X	3102X
64Z	3296Z	67Z	3102Z
64P	3296P	67P	3102P
64W	3296W	67W	3102W
64Y	3296Y	67Y	3102Y

Price Each			
1	25	50	100
2.00	1.95	1.88	1.54

Value (Ω)	64X Series	64Z Series	64P Series	64W Series	64Y Series
	MOUSER STOCK NO.				
10	- - -	- - -	- - -	- - -	594-64Y100
20	- - -	- - -	- - -	594-64W200	594-64Y200
50	- - -	- - -	594-64P500	594-64W500	594-64Y500
100	594-64X101	594-64Z101	594-64P101	594-64W101	594-64Y101
200	594-64X201	- - -	594-64P201	594-64W201	594-64Y201
500	594-64X501	594-64Z501	594-64P501	594-64W501	594-64Y501
1K	594-64X102	594-64Z102	594-64P102	594-64W102	594-64Y102
2K	- - -	- - -	- - -	594-64W202	- - -
5K	594-64X502	594-64Z502	594-64P502	594-64W502	594-64Y502
10K	594-64X103	594-64Z103	594-64P103	594-64W103	594-64Y103
20K	594-64X203	594-64Z203	594-64P203	594-64W203	594-64Y203
25K	594-64X253	- - -	- - -	594-64W253	594-64Y253
50K	594-64X503	594-64Z503	594-64P503	594-64W503	594-64Y503
100K	594-64X104	594-64Z104	594-64P104	594-64W104	594-64Y104
200K	594-64X204	- - -	- - -	594-64W204	- - -
250K	594-64X254	- - -	- - -	594-64W254	594-64Y254
500K	594-64X504	- - -	- - -	594-64W504	594-64Y504
1M	594-64X105	- - -	- - -	594-64W105	594-64Y105
2M	594-64X205	- - -	- - -	594-64W205	- - -

Spectrol Multi-Turn and Single-Turn Potentiometers, Dials, and Encoder

MODEL 70Y
1-1/4" MULTI-TURN PC MOUNT CERMET TRIMMERS

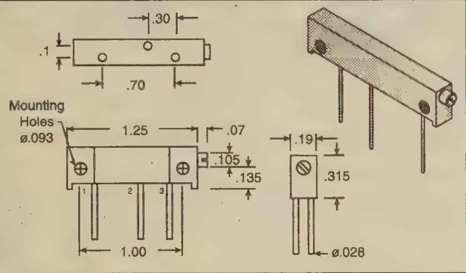
Price Each		
1	25	50
5.25	5.10	5.00

Electrical Specifications:
- Tolerance: ±10%
- Power rating: 1W @ 85°C, derating to 0W @ 150°C
- Electrical travel: 20 turns, nominal
- Dielectric withstanding: 1,000VAC
- Insulation resistance: 1,000MΩ

Mechanical Specifications:
- Stop strength: clutch idles @ stop
- Operating torque: 5.0 oz-in max.
- Rotational life: 200 cycles, loaded

Value Ω	MOUSER STOCK NO.
100	594-70Y101
200	594-70Y201
500	594-70Y501
1K	594-70Y102
2K	594-70Y202
5K	594-70Y502
10K	594-70Y103
20K	594-70Y203
50K	594-70Y503
100K	594-70Y104
200K	594-70Y204
2M	594-70Y205

DIMENSIONS (IN.)



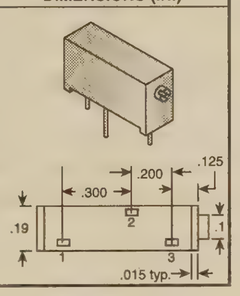
MODEL 43P
3/4" 20 TURN CERMET TRIMMERS

Value (Ω)	MOUSER STOCK NO.
10	594-43P100
20	594-43P200
50	594-43P500
100	594-43P101
200	594-43P201
500	594-43P501
1K	594-43P102
2K	594-43P202
2.5K	594-43P252
5K	594-43P502
10K	594-43P103
20K	594-43P203
25K	594-43P253
50K	594-43P503
100K	594-43P104
200K	594-43P204
500K	594-43P504
1M	594-43P105
2M	594-43P205

Specifications:
- Tolerance: ±10%
- Coefficient of resistance: ±100ppm/°C
- Rating: 0.75 W @ 25°C, derated linearly to 0W @ 125°C
- Maximum voltage: ≤ 400V
- Temperature range: -55°C to + 125°C
- Contact resistance variation: 3% or 3Ω, whichever is greater

Features:
- Unique "T" slider block design
- Easy adjustment and stability

DIMENSIONS (IN.)



Price Each			
1	25	50	100
1.38	1.28	1.20	1.07

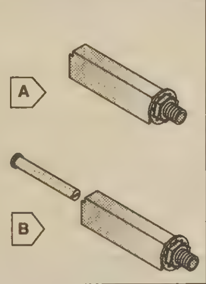
Cross-Reference Chart

Spectrol	Bourns	BI Technologies	Allen Bradley
43P	3006P	89P	RT5L

SNAP-ON PANEL MOUNT ADAPTERS
Use with Spectrol 43P Series

These adapters allow panel mounting of 3/4" rectangular trimmers. Designed to convert standard trimmer models into panel mounts in a quick and economical manner, accomplished by snap-in, providing for quick installation. Shaft dia. = .118"

DIMENSIONS (IN.)

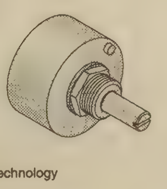


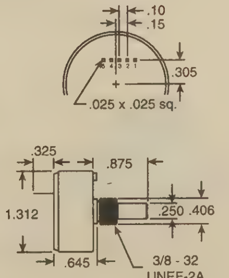
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
594-610	A	Without shaft	1.78	1.63	1.51	1.40
594-611	B	With flush shaft	2.64	2.42	2.23	2.07
594-612	B	With .57" shaft	2.64	2.42	2.23	2.07
594-613	B	With .875" shaft	2.64	2.42	2.23	2.07

MODEL DE2 INCREMENTAL ENCODER

Specifications:
- 32 Pulses/Rev
- Rotational speed: continuous - 200RPM; periodic - 400 RPM
- Rotational life: 5 million shaft revolutions
- Supply voltage: 3.0V min., 6.0V max.
- Supply current: 4.0mA max.
- Output high voltage: 3.8V min.
- Output low voltage: 0.4V max.
- Output current: 20mA

Features:
- Patented Silver-in-Glass™ switching element technology
- Two channel quadrature output
- Internal active de-bounce circuitry provides clean, high level outputs with CMOS logic





DIMENSIONS (IN.)

MOUSER STOCK NO.	Price Each		
	1	25	50
594-DE2-0132	48.92	37.12	33.25

149 SERIES 1/2" SQUARE SINGLE-TURN

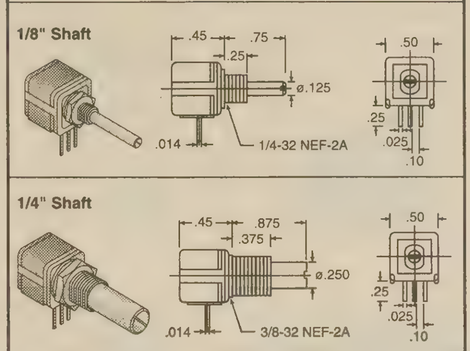
General Specifications:
- Temperature: -20°C to +125°C
- PCB Pins
- Electrical travel: 265° ±5°

148 Conductive Plastic:
- Tolerance: ±20%
- Rational life: 100,000
- Power rating: .05W @ 70°C, derating to 0W @ 125°C

149 Cermet:
- Tolerance: ±10%
- Rational Life: 50,000
- Power rating: 1W @ 85°C, derating to 0W @ 150°C

Series	Price Each		
	1	10	25
148	10.49	9.49	8.79
149	7.48	6.65	5.83

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

Value (Ω)	MOUSER STOCK NO.			
	Conductive Plastic		Cermet	
	1/8" Shaft	1/4" Shaft	1/8" Shaft	1/4" Shaft
1K	594-148-1102	594-148-7102	594-149-1102	594-149-7102
5K	594-148-1502	594-148-7502	594-149-1502	594-149-7502
10K	594-148-1103	594-148-7103	594-149-1103	594-149-7103
50K	594-148-1503	594-148-7503	594-149-1503	594-149-7503
100K	594-148-1104	594-148-7104	594-149-1104	594-149-7104

248-249 SERIES 1/2" SQUARE SINGLE-TURN

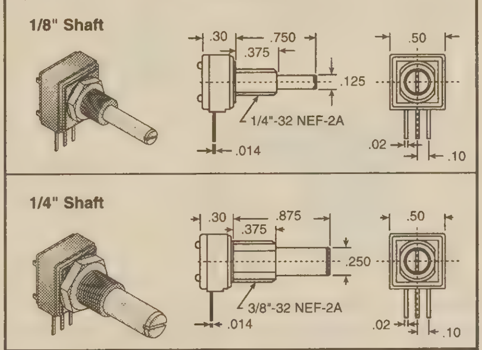
General Specifications:
- Temperature: -55°C to +125°C
- Rotational life: 50,000
- PCB Pins
- Electrical travel: 265° ±5°

Conductive Plastic:
- Tolerance: ±20%
- Power rating: 0.5W @ 70°C, derating to 0W @ 125°C

Cermet:
- Tolerance: ±10%
- Power rating: 1W @ 70°C, derating to 0W @ 125°C

Price Each		
1	10	25
5.50	5.19	4.82

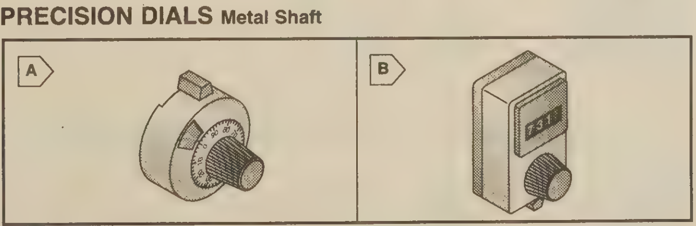
DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

Value (Ω)	MOUSER STOCK NO.			
	Conductive Plastic		Cermet	
	1/8" Shaft	1/4" Shaft	1/8" Shaft	1/4" Shaft
1K	594-248-1102	594-248-7102	594-249-1102	594-249-7102
5K	594-248-1502	594-248-7502	594-249-1502	594-249-7502
10K	594-248-1103	594-248-7103	594-249-1103	594-249-7103
50K	594-248-1503	594-248-7503	594-249-1503	594-249-7503
100K	594-248-1104	594-248-7104	594-249-1104	594-249-7104

PRECISION DIALS Metal Shaft



Features:
- Large, easy to read numbers
- Positive brake action
- Shaft bore is .250"

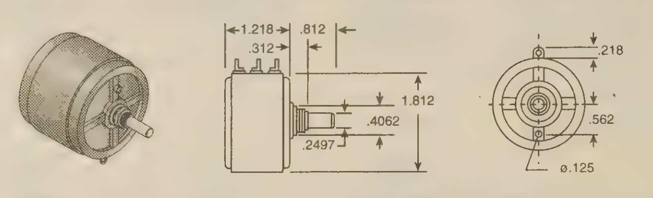
MOUSER STOCK NO.	Fig.	No. of Turns	Minor Scale	Finish Chrome	Size (In.)		Price Each			
					W	H	1	25	50	100
594-16111	A	15	1/50	Clear anodized	.875	.875	9.68	8.64	8.07	7.56
594-11111	A	11	1/50	Satin	1.0	.826	18.25	16.18	15.09	14.16
594-21111	A	15	1/100	Satin	1.81	1.0	19.00	16.89	15.76	14.78
594-15111	B	10	1/100	Satin	1.0	1.75	17.04	15.21	14.20	13.31

MODEL 830 THREE TURN WIREWOUND

Electrical Specifications:
- Tolerance: ±3%, 200Ω ≤ Rt ≤ 150KΩ
- Power rating: 3W @ 40°C derating to 0W @ 125°C
- Electrical travel: 1,080°+4°-0°

Physical Specifications:
- Temperature: -55°C to +125°C
- Rotational Life: 500,000 shaft revolutions
- Ganging: 2 sections max.
- 3 turn 3 watts

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (Ω)	Resistance %	Temp. Coeff. PPM/°C	Price Each		
				1	5	10
594-830-1102	1K	0.050	110	43.99	42.41	41.35
594-830-1202	2K	0.047	20	43.99	42.41	41.35
594-830-1502	5K	0.035	20	43.99	42.41	41.35
594-830-1103	10K	0.029	20	43.99	42.41	41.35
594-830-1203	20K	0.024	20	60.92	58.73	57.27
594-830-1503	50K	0.017	20	60.92	58.73	57.27

MODEL 860 TEN TURN WIREWOUND

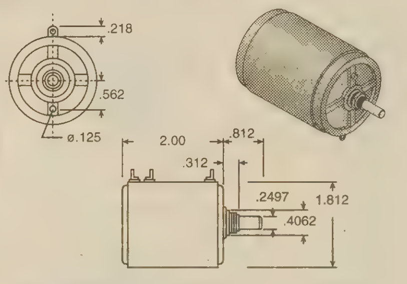
Physical Specifications:
- Temperature: -55°C to +125°C
- Rotational Life: 500,000 shaft revolutions
- Ganging: 2 sections max.

Electrical Specifications:
- Tolerance: ±3%, 200Ω ≤ Rt ≤ 500KΩ
- Power rating: 8W @ 40°C derating to 0W @ 125°C
- Electrical travel: 3,600°+4°-0°

Price Each			
1	5	10	25
51.44	48.23	46.62	45.00

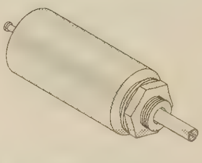
Value (Ω)	MOUSER STOCK NO.
500	594-860-1501
1K	594-860-1102
5K	594-860-1502
10K	594-860-1103
20K	594-860-1203
50K	594-860-1503

DIMENSIONS (IN.)



MODEL 162 1/2" TEN TURN PRECISION WIREWOUND

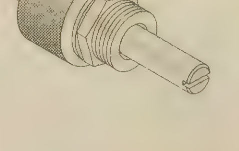
Specifications:
- Body (LxD): 1.00" x 0.50"
- Shaft (LxD): .687" x .0935"
- Power rating: 2.0W @ 40°C derated to 0W @ 125°C
- Linearity: ±0.3%
- Resistance tolerance: ±5%
- Temperature coefficient: ±20ppm/°C
- Temperature range: -55°C to + 125°C
- Electrical rotation: 3600° +15° - 0°



MOUSER STOCK NO.	Values (Ω)	Price Each		
		1	5	10
594-16211102	1K	70.56	66.15	63.95
594-16211202	2K	70.56	66.15	63.95
594-16211502	5K	70.56	66.15	63.95
594-16211103	10K	70.56	66.15	63.95
594-16211104	100K	85.04	79.73	77.07

MODEL 140 1/2" SINGLE-TURN PRECISION WIREWOUND

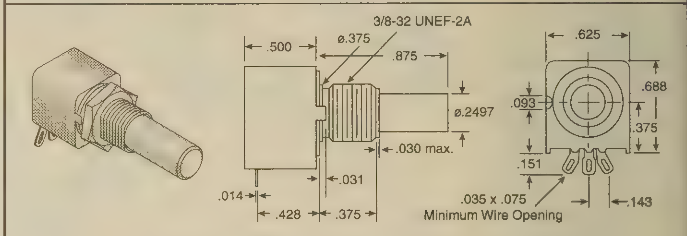
Specifications:
- Body (LxD): .305" x .500"
- Shaft (LxD): .70" x 0.1248"
- Power rating: 2.0W @ 40°C derated to 0W @ 125°C
- Linearity: ±1.0%
- Resistance tolerance: ±5%
- Temperature coefficient: ±20ppm/°C
- Temperature range: -55°C to +125°C
- Electrical rotation: 320° ±5°



MOUSER STOCK NO.	Values (Ω)	Price Each			
		1	5	10	25
594-14000102	1K	36.29	34.02	32.89	31.75
594-14000202	2K	36.29	34.02	32.89	31.75
594-14000502	5K	36.29	34.02	32.89	31.75
594-14000103	10K	36.29	34.02	32.89	31.75
594-14000203	20K	42.24	39.60	38.28	36.96

MODEL 657 5/8" SEALED SINGLE-TURN PRECISION CONDUCTIVE PLASTIC ON ALUMINA SUBSTRATE

DIMENSIONS (IN.)



Mechanical Specifications:
- Rotation: 250° ±2°
- Stop strength: 10 in-lb. max.

Features:
- Conductive plastic on alumina substrate
- Sealed

Electrical Specifications:
- Tolerance: standard ±20%
- Linearity: ±5%
- Rotation: 240° ±4°
- Power rating: 1.0W @ 85°C

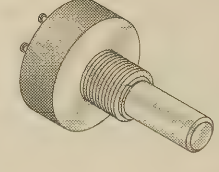
Environmental:
- Rotational life: 1 million cycles
- Operating temperature: -40°C to +125°C

Price Each			
1	5	10	25
13.95	10.95	8.50	7.75

Value (Ω)	MOUSER STOCK NO.
1K	594-657-0-0-102
2K	594-657-0-0-202
5K	594-657-0-0-502
10K	594-657-0-0-103
20K	594-657-0-0-203
50K	594-657-0-0-503
100K	594-657-0-0-104

MODEL 157 7/8" SINGLE TURN CONDUCTIVE PLASTIC

Specifications:
- 1/4" diameter shaft
- Power rating: 1.0W @ 40°C derated to 0 W @ 125°C
- Linearity: ±2%
- Resistance tolerance ±20°
- Temperature coefficient: ±600ppm/°C
- Rotational life: 2,000,000 turns
- Electrical rotation: 340° ±4°
- Mechanical rotation: continuous
- No mechanical stops



Price Each			
1	5	10	25
19.97	12.80	11.34	10.40

Value (Ω)	MOUSER STOCK NO.
1K	594-15711102
2K	594-15711202
5K	594-15711502
10K	594-15711103
20K	594-15711203
50K	594-15711503

MODEL 534/536 7/8" TEN TURN PRECISION WIREWOUND

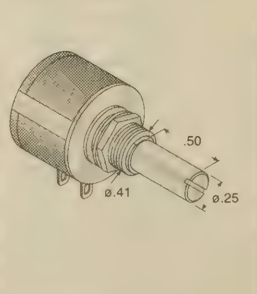
Specifications:
- Power rating: 3.09W @ 40°C derated linearly to 0W @ 125°C
- Linearity: ±0.25%
- Tolerance ±5%
- Temperature coefficient: ±20ppm/°C
- Temperature range: -55°C to +125°C

Features:
- High power rating
- Rugged integrated construction
- Superior stop strength

Cross Reference Chart

Spectrol	Bourns	BI Technologies
534	3540	7286
536	3590	7276

DIMENSIONS (IN.)



Metal Shaft

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Values (Ω)	Price Each		
		1	5	10
594-53411101	100	8.67	8.13	7.86
594-53411201	200	8.67	8.13	7.86
594-53411501	500	8.67	8.13	7.86
594-53411102	1K	8.67	8.13	7.86
594-53411202	2K	8.67	8.13	7.86
594-53411502	5K	8.67	8.13	7.86
594-53411103	10K	8.67	8.13	7.86
594-53411203	20K	8.67	8.13	7.86
594-53411503	50K	11.95	11.21	10.83
594-53411104	100K	11.95	11.21	10.83

Plastic Shaft

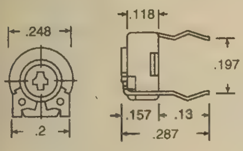
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Values (Ω)	Price Each		
		1	5	10
594-53611101	100	8.64	8.10	7.83
594-53611201	200	8.64	8.10	7.83
594-53611501	500	8.64	8.10	7.83
594-53611102	1K	8.64	8.10	7.83
594-53611202	2K	8.64	8.10	7.83
594-53611502	5K	8.64	8.10	7.83
594-53611103	10K	8.64	8.10	7.83
594-53611203	20K	8.64	8.10	7.83
594-53611503	50K	12.48	11.70	10.92
594-53611104	100K	12.48	11.70	10.92

PIHER Potentiometers

DIMENSIONS (IN.)

A



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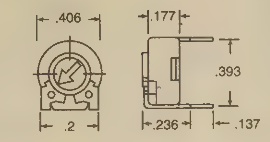

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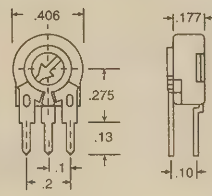

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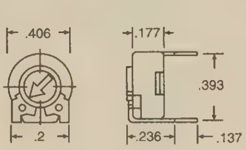

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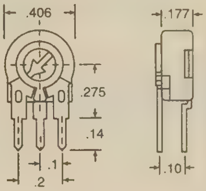

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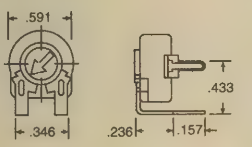

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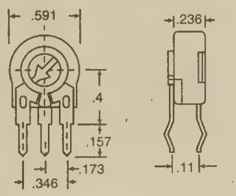

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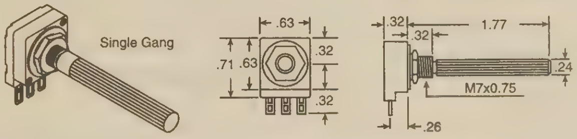
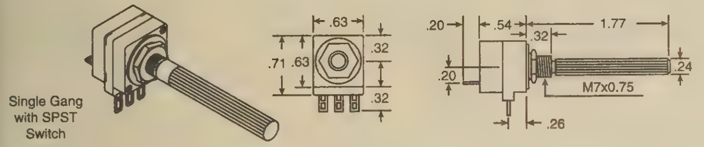
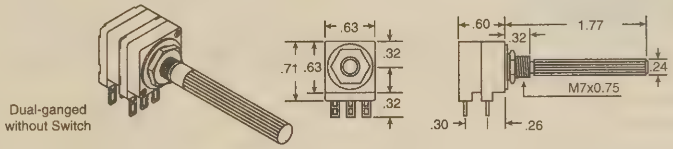


I



J



PIHER 6mm CARBON TRIMMER

Features:
- Enclosed for protection against contaminants
- Self-extinguishing material to meet UL94V-0

Specifications:
- Power rating: 0.1W
- Linear taper
- Temperature range: -25°C to +70°C
- Mechanical rotation: 235°±10°
- Electrical rotation: 200°±20°
- Tolerance: ±20%

Table of Values in (Ω)

500	2.5K	20K	50K	1M
1K	5K	25K	100K	
2K	10K	47K	500K	

Also available in vertical mount, horizontal adjust.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mount	Adjust	Price Each			
				1	100	1000	5000
531-PT6KV-Value	A	Horizontal	Vertical	.27	.22	.21	.19

PIHER 10mm CERMET TRIMMERS

Specifications:
- Power rating: 0.33W
- Temperature range: -40°C to +90°C
- Mechanical rotation: 235°±5°
- Electrical rotation: 220°±20°
- Linear taper
- Tolerance: ±20%

Table of Values in (Ω)

500	2.5K	20K	100K	500K
1K	5K	25K	200K	
2K	10K	50K	250K	

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mount	Adjust	Price Each			
				1	100	1000	5000
531-PTC10V-Value	B	Horizontal	Vertical	.45	.43	.41	.37
531-PTC10H-Value	C	Vertical	Horizontal	.45	.43	.41	.37

PIHER 10mm CARBON TRIMMERS

Features:
- Enclosed for protection against contaminants

Specifications:
- Power rating: 0.15W
- Linear taper
- Temperature range: -25°C to +70°C
- Mechanical rotation: 235°±10°
- Electrical rotation: 220°±20°
- Tolerance: 100Ω~1mΩ ±20%; 2mΩ~5mΩ ±30%

Table of Values in (Ω)

100	2.5K	25K	250K	5M
250	5K	50K	500K	
500	10K	100K	1M	
1K	20K	200K	2M	
2K	22K	220K	2.5M	

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mount	Adjust	Price Each			
				1	100	1000	5000
531-PT10V-Value	D	Horizontal	Vertical	.36	.34	.30	.28
531-PT10H-Value	E	Vertical	Horizontal	.36	.34	.30	.28

PIHER 15mm CARBON TRIMMERS

Specifications:
- Power rating: 0.25W
- Temperature range: -25°C to +70°C
- Mechanical rotation: 265° to ±5°
- Mechanical rotation: 265° to ±5°
- Electrical rotation: 250°±20°
- Linear taper
- Tolerance: 100Ω~1mΩ ±20%
  2mΩ~5mΩ ±30%

Table of Values in (Ω)

100	1K	10K	100K	1M
200	2K	20K	200K	2M
250	2.5K	25K	250K	2.5M
500	5K	50K	500K	5M

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mount	Adjust	Price Each			
				1	100	1000	5000
531-PT15D-Value	F	Horizontal	Vertical	.39	.35	.32	.28
531-PT15B-Value	G	Vertical	Horizontal	.39	.35	.32	.28

PIHER PC16 SERIES POTENTIOMETERS

A completely insulated potentiometer. Made of autoextinguishable plastic UL94V-0. This modular design, which allows up to four potentiometers and a switch on a common shaft, is available in custom configurations by special order. Call any Mouser service representative for details.

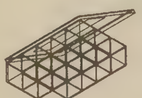
Specifications:
- Tolerance: ±20%
- Nominal power (40°C): 0.25W
- Nominal voltage: 500V
- Temperature range: -25°C to +70°C
- Linear taper
- Mechanical angle of rotation: 300°±5°
- Electrical angle of rotation: 280°±20°
- Switch contact rating: 1A @ 250V
- Solder lug terminals

See page 398 for additional hardware

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each			
			1	25	50	100
531-PC16SC-Value	H	1K, 10K, 100K,	2.35	1.95	1.77	1.59
531-PC16SC1A-Value	I	10K, 100K, 500K	2.99	2.49	2.27	2.06
531-PC16DC-Value	J	1K, 10K, 100K, 500K	2.86	2.38	2.17	1.97

10mm TRIMMER POTENTIOMETER KIT



MOUSER STOCK NO.	Pcs. in Each Kit	Value (Ω)	Price Each
370-PT10	180	**10 each:** 500, 1K, 5K, 10K, 25K, 50K, 100K, 250K, and 500K in both horizontal and vertical mount	69.95

Single Turn Trimmer Potentiometers

MEC SINGLE TURN CERMET TRIMMERS

Features:
- Offering the stability of a cermet resistive element

Specifications:
- Tolerance: ±20%
- Operating temp. range: -25°C to +100°C
- Operating voltage: 200VDC
- Mechanical rotation: -260° nominal
- Power rating @ 70°C: .5W
- Temperature coefficient: ±250ppm/°C

9mm

For quantities greater than listed, call for quote.

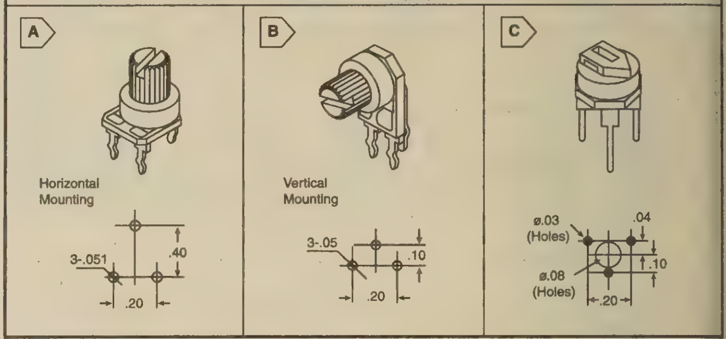
MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Price Each 1	10	100	500
323-409H-Value	A	200, 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 500K, 1M	.61	.41	.37	.34
323-409V-Value	B		.61	.41	.37	.34

1/4" Round

- Tolerance: ±20%
- Operating temperature range: -25°C to +100°C
- Operating voltage: 100VDC
- Mechanical rotation: -200° nominal
- Power rating @ 70°C: .3W
- Temperature coefficient: ±200ppm/°C

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	1	10	100	500
323-5000-Value	C	500, 1K, 2K, 5K, 10K, 22K, 50K, 100K, 220K, 500K, 1M	.87	.67	.61	.55

DIMENSIONS (IN.)


A
Horizontal Mounting
3-.051
.40
.20
B
Vertical Mounting
3-.05
.10
.20
C
ø.03 (Holes)
.04
.10
ø.08 (Holes)
.20

XICON Passive Components SINGLE TURN TRIMMERS

4mm SMD Cermet Adjustable With Pocket Screwdriver

♦ Surface Mount Device

Specifications:
- Power rating: 0.2W @ 70°C
- Max. operating voltage: 100VDC
- Rotational torque: 20 to 200g/cm
- Temperature coefficient: ±250ppm/°C
- Tolerance: ±30%
- Linear taper

To order reels add "/REEL" to Mouser stock no.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	Price Per Reel of 750
♦ 328-42-Value	A	1K, 5K, 10K, 20K, 50K, 100K, 500K	.62	.48	.43	284.00
♦ 328-43-Value	B	1K, 5K, 10K, 20K, 50K, 100K, 500K	.62	.48	.43	284.00

6mm Carbon

Specifications:
- Power rating: .3W @ +70°C
- Rotational angle: 220° ±20°
- Operating temp.: -40°C to +125°C
- Rotational torque: 30-300gf/cm
- Linear taper
- Max working voltage 250V

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Price Each 1	10	100	500
320-TG625-Value	C	500, 1K, 2K, 5K, 10K, 20K, 50K, 100K, 200K, 500K, 1M	.50	.42	.39	.38

Mouser	Bourns
TG625	3316

8mm, .1W 30% Tolerance

For quantities greater than listed, call for quote.

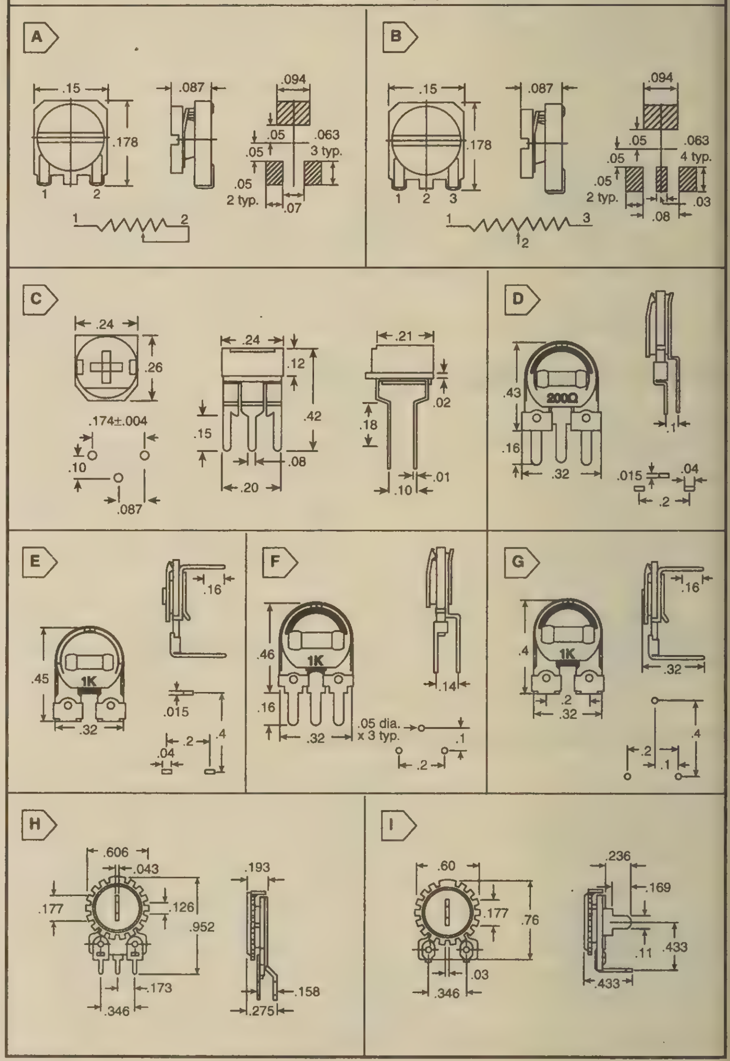
MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100
8mm Vertical, Hi-Rel					
32RM202	D	200	.42	.37	.31
32RM205	D	500	.42	.37	.31
32RM301	D	1K	.42	.37	.31
32RM302	D	2K	.42	.37	.31
32RM305	D	5K	.42	.37	.31
32RM401	D	10K	.42	.37	.31
32RM403	D	25K	.42	.37	.31
32RM405	D	50K	.42	.37	.31
32RM501	D	100K	.42	.37	.31
32RM505	D	500K	.42	.37	.31
32RM601	D	1Meg	.42	.37	.31
8mm Horizontal, Hi-Rel					
32RH202	E	200	.37	.31	.28
32RH205	E	500	.37	.31	.28
32RH301	E	1K	.37	.31	.28
32RH302	E	2K	.37	.31	.28
32RH305	E	5K	.37	.31	.28
32RH401	E	10K	.37	.31	.28
32RH403	E	25K	.37	.31	.28
32RH405	E	50K	.37	.31	.28
32RH501	E	100K	.37	.31	.28
32RH503	E	300K	.37	.31	.28
32RH505	E	500K	.37	.31	.28
32RH601	E	1Meg	.37	.31	.28

8mm, .1W 20% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	1	10	100
8mm Vertical - Standard					
32AG301	F	1K	.26	.22	.20
32AG305	F	5K	.26	.22	.20
32AG401	F	10K	.26	.22	.20
32AG405	F	50K	.26	.22	.20
32AG501	F	100K	.26	.22	.20
32AG505	F	500K	.26	.22	.20
8mm Horizontal					
32AA301	G	1K	.26	.22	.20
32AA305	G	5K	.26	.22	.20
32AA401	G	10K	.26	.22	.20
32AA405	G	50K	.26	.22	.20
32AA501	G	100K	.26	.22	.20
32AA505	G	500K	.26	.22	.20

DIMENSIONS (IN.)


A
.15
.178
.087
.094
.05
.05
.063
3 typ.
.05
2 typ.
.07
1
2
B
.15
.178
.087
.094
.05
.05
.063
4 typ.
.05
2 typ.
.08
.03
1
2
3
C
.24
.26
.174±.004
.10
.087
.24
.12
.15
.42
.08
.20
.21
.02
.18
.10
.01
D
.43
200Ω
.16
.32
.1
.015
.04
.2
E
.16
.45
1K
.32
.015
.04
.2
.4
F
.46
1K
.16
.32
.14
.05 dia. x 3 typ.
.1
.2
G
.16
.4
1K
.2
.32
.32
.2
.1
.4
H
.606
.043
.177
.126
.952
.193
.173
.346
.158
.275
I
.60
.177
.76
.236
.169
.11
.433
.03
.346
.433

15mm Carbon

Specifications:
- Power rating: .25W
- Voltage rating: 200VDC
- Nominal temperature range: -25°C to +70°C
- Standard tolerance: ≤500Ω±30%, >500Ω±20%, ≥500KΩ±30%
- Linear taper
- Rotational angle: 230° ±20°

MOUSER STOCK NO.	Fig.	Table of Values (Ω)	Price Each 1	10	100	500
320-1510-Value	H	300, 500, 1K, 3K, 5K, 10K, 30K, 50K, 100K, 300K, 500K, 1MEG	.46	.36	.33	.30
320-1520-Value	I	1K, 3K, 5K, 10K, 50K, 100K, 300K, 500K	.46	.36	.33	.30

Mouser	CTS	Panasonic
1510 / 1520	X201 / U201	EVL-Q0A / EVL-Q1A

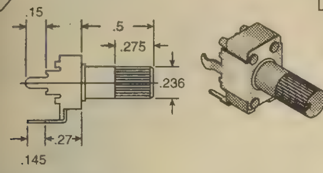
Thumbwheel Potentiometers

9mm SNAP-IN LINEAR TAPER

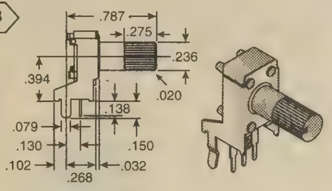
Specifications:
- Rated voltage: 50VAC
- Rated wattage: 0.1W
- Tolerance: <1M: ±20%, ≥1M: ±30%
- Rotation angle: 280°±5°
- Rotational life: 10,000 cycles

DIMENSIONS (IN.)

A



B



Vertical Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100
317-2090-Value	A	1K, 2K, 5K, 10K, 50K, 100K, 500K, 1M	.98	.82	.75

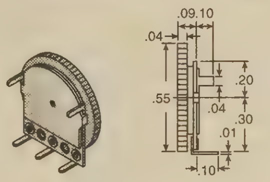
Horizontal Mount

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100
317-2091-Value	B	1K, 5K, 10K, 50K, 100K, 500K, 1M	.98	.82	.75

10mm SUBMINIATURE THUMBWHEEL PC MOUNT POTS

Specifications:
- Power rating: .03W
- Rotation angle: 270° ±5°
- Linear taper
- Complete with knob
- Rotation torque: 10-100gf-cm
- Rotation life: 10,000 cycles
- Resistance tolerance: <1M: ±20%, ≥1M: ±30%

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (Ω)	Price Each 1	10	100
312-1001-Value	1K, 5K, 10K, 50K, 100K, 500K, 1M	1.13	.94	.86

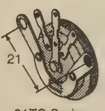
16mm THUMBWHEEL POTENTIOMETERS
WITH 25mm KNOB

Specifications:
- Rotation angle: 260° ± 10°
- Rotation torque: 20-150 g-cm
- Stop strength: 2kg-cm
- Insulation resistance: 50MΩ @ 500VDC
- Resistance tolerance: <1M: ±20%, ≥1M: ±30%
- Breakdown voltage: 500V for 60 seconds
- Switch contact rating: 1A @ 12VDC
- Wattage: 0.1 watt-linear taper, 0.05 watt-audio taper

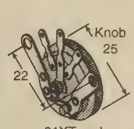
DIMENSIONS (mm)

For quantities greater than listed, call for quote.

Value (Ω)	MOUSER STOCK NO. Linear Taper	Linear Taper W/ Switch	Audio Taper W/ Switch
500	- - - - - -	31XT205	- - - - - -
1K	- - - - - -	- - - - - -	31TV301
2K	- - - - - -	- - - - - -	- - - - - -
5K	31TS305	31XT305	31TV305
10K	31TS401	31XT401	31TV401
50K	31TS405	31XT405	31TV405
100K	- - - - - -	31XT501	- - - - - -
1 Meg	- - - - - -	31XT601	- - - - - -



31TS Series



31XT and 31TV Series

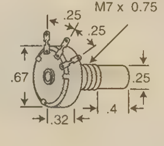
Series	Price Each 1	10	100
31TS	.94	.73	.66
31XT & 31TV	1.04	.80	.73

17mm MINIATURE CARBON COMPOSITION

Potentiometers have aluminum shafts, bushings, body is plated steel with bakelite rear plate. Contacts and terminals are silver plated brass. Each is supplied with one hex nut and one flat washer. Tolerance: ±20%

DIMENSIONS (IN.)

A



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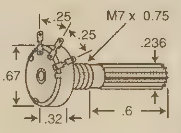

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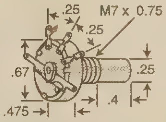

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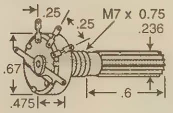

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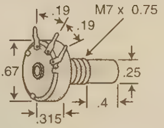

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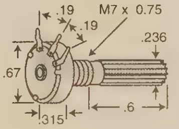


Linear Taper • Rated: 0.1W

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31CN205	A	500	1.02	.79	.62	.56
31CN301	A	1K	1.02	.79	.62	.56
31CN302	A	2K	1.02	.79	.62	.56
31CN305	A	5K	1.02	.79	.62	.56
31CN401	A	10K	1.02	.79	.62	.56
31CN405	A	50K	1.02	.79	.62	.56
31CN501	A	100K	1.02	.79	.62	.56
31CN505	A	500K	1.02	.79	.62	.56
31CN601	A	1 MEG	1.02	.79	.62	.56
31CN602	A	2 MEG	1.02	.79	.62	.56
31CR205	B	500	1.12	.87	.68	.62
31CR301	B	1K	1.12	.87	.68	.62
31CR305	B	5K	1.12	.87	.68	.62
31CR401	B	10K	1.12	.87	.68	.62
31CR405	B	50K	1.12	.87	.68	.62
31CR501	B	100K	1.12	.87	.68	.62
31CR505	B	500K	1.12	.87	.68	.62

Linear Taper with Switch • Rated: 0.1W

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31CQ301	C	1K	1.13	.91	.71	.64
31CQ305	C	5K	1.13	.91	.71	.64
31CQ401	C	10K	1.13	.91	.71	.64
31CQ405	C	50K	1.13	.91	.71	.64
31CQ501	C	100K	1.13	.91	.71	.64
31CQ505	C	500K	1.13	.91	.71	.64
31CQ601	C	1 MEG	1.13	.91	.71	.64

Audio Taper with Switch • Rated: .05W

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31CC301	C	1K	1.13	.91	.71	.64
31CC305	C	5K	1.13	.91	.71	.64
31CC401	C	10K	1.13	.91	.71	.64
31CC501	C	100K	1.13	.91	.71	.64
31CB301	D	1K	1.24	1.00	.78	.70
31CB305	D	5K	1.24	1.00	.78	.70
31CB401	D	10K	1.24	1.00	.78	.70
31CB501	D	100K	1.24	1.00	.78	.70

Linear Taper PC Mount • Rated: 0.1W

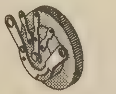
MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31CW205	E	500	1.02	.79	.62	.56
31CW301	E	1K	1.02	.79	.62	.56
31CW305	E	5K	1.02	.79	.62	.56
31CW401	E	10K	1.02	.79	.62	.56
31CW405	E	50K	1.02	.79	.62	.56
31CW501	E	100K	1.02	.79	.62	.56
31CW505	E	500K	1.02	.79	.62	.56
31CW601	E	1 MEG	1.02	.79	.62	.56
31CA205	F	500	1.12	.87	.68	.62
31CA301	F	1K	1.12	.87	.68	.62
31CA305	F	5K	1.12	.87	.68	.62
31CA401	F	10K	1.12	.87	.68	.62
31CA405	F	50K	1.12	.87	.68	.62
31CA501	F	100K	1.12	.87	.68	.62

12mm MINIATURE THUMBWHEEL POTENTIOMETERS
WITH 25mm KNOB

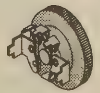
Specifications:
- Resistance tolerance: ±20%
- Switch contact rating: 12VDC-1A

For quantities greater than listed, call for quote.

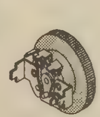
MOUSER STOCK NO.	Fig.	Stock Values (Ω) Other Values Available on Request	Price Each 1	10	100
Audio Taper Voltage, max.: 100V Wattage: .04W					
311-1201-Value	A	1K, 10K, 500K	.87	.73	.66
311-1202-Value	B	5K, 10K, 50K, 100K, 500K	.87	.73	.66
311-1204-Value	C	1K, 5K, 10K, 50K, 500K	.96	.80	.73
Linear Taper Voltage, max.: 150V Wattage: .08W					
311-1205-Value	A	10K	.87	.73	.66
311-1206-Value	B	5K, 10K, 100K, 500K	.87	.73	.66


Solder Lugs

A


PC Mount

B

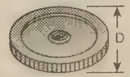

PC Mount w/Switch

C

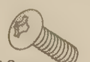
REPLACEMENT KNOBS AND SCREW
FOR 12mm AND 16mm THUMBWHEEL POTENTIOMETERS

Specifications:
- Molded plastic black knobs
- Fits our 31TV, 31TS, 31XT, 311-1201, 311-1202, 311-1204, 311-1205, 311-1206

DIMENSIONS (mm)



450KN007 Knob


48SS002 Screw

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Dim. D (mm)	Price Each 1	100	1000
450KN007	25	.15	.10	.094
450-0007	20	.15	.10	.094
450-0008	16	.15	.10	.094
48SS002	- -	.03	.01	.009

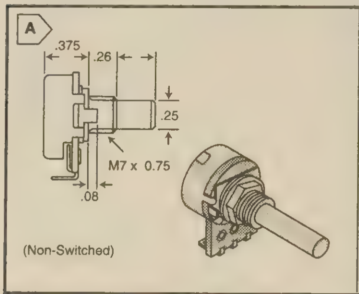
Miniature Potentiometers

16mm MINIATURE CARBON COMPOSITION

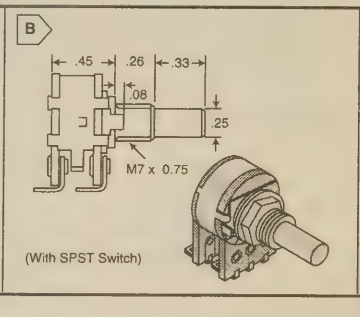
- Rated voltage: 200V linear; 150V audio
- Rotation angle: 300°±5°
- Insulation resistance: >100MΩ
- Breakdown voltage: 500VAC for 1 minute
- Tolerance: <1M: ±20%, ≥1M: ±30%

Each supplied with one hex nut and one flat washer

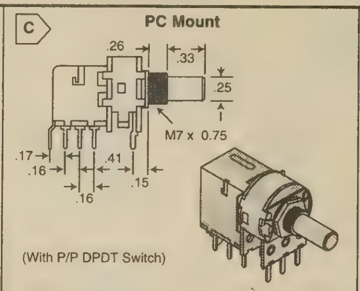
DIMENSIONS (IN.



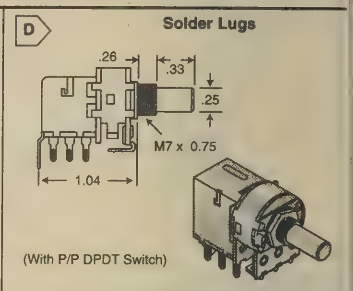
(Non-Switched)



(With SPST Switch)



(With P/P DPDT Switch)



(With P/P DPDT Switch)

Shaft Length (L): .53"; 0.125 Watts; Linear Taper

MOUSER STOCK NO.	Fig.	Value (Ω)
31JN301	A	1K
31JN302	A	2K
31JN305	A	5K
31JN401	A	10K
31JN405	A	50K
31JN505	A	500K
31JN601	A	1MEG

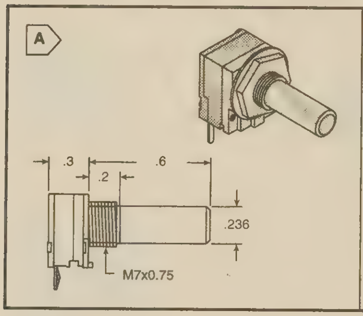
Price Each			
1	10	100	500
1.27	1.05	.87	.74

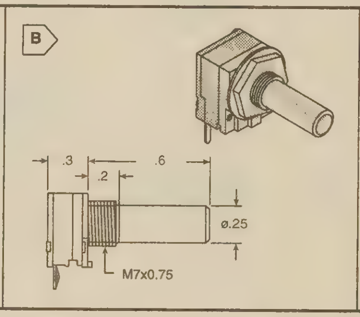
For quantities greater than listed, call for quot

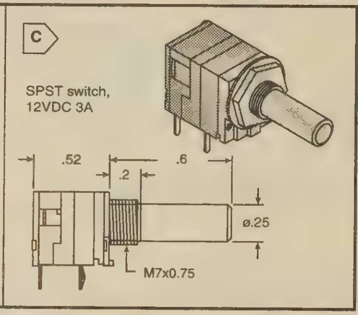
MOUSER STOCK NO.	Fig.	Shaft Length (L) (In.)	Wattage (W)	Taper	Description	Value (Ω)	Price Each 1	10	100	500
313-1000-Value	A	.33	0.2	Linear	- - -	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1M, & 1.2M	1.21	1.05	.92	.84
313-2000-Value	A	.33	0.2	Linear	Center Detent	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, & 1M	1.44	1.19	1.09	.99
313-3000-Value	A	.33	0.2	Linear	11 detent positions	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, & 1M	1.74	1.45	1.32	1.19
313-4000-Value	A	.33	0.1	Audio	11 detent positions	10K, 50K, 100K, & 1M	1.74	1.45	1.32	1.19
313-1100-Value	B	.33	0.125	Linear	With SPST switch; 12VDC, 1A	1K, 5K, 10K, 50K, 100K, 500K, & 1M	2.05	1.71	1.55	1.41
313-1600-Value	C	.33	0.2	Linear	With DPDT switch; 30VDC, 0.3A	1K, 5K, 10K, 50K, & 100K	3.75	3.12	2.84	2.58
313-1601-Value	D	.33	0.2	Linear	With DPDT switch; 30VDC, 0.3A	1K, 5K, 10K, 50K, 100K, 250K, 500K	3.75	3.12	2.84	2.58

9mm PC MOUNT LINEAR TAPER

DIMENSIONS (IN.)







Electrical Specifications:

- Rated wattage: 0.05W
- Rated voltage: 50VAC

Mechanical Specifications:

- Rotation angle: 300°±5°
- Rotation torque: 20 to 250g/cm
- Tolerance: ±20%
- Insulation resistance: >100MΩ @ 250VDC
- Breakdown voltage: 300VAC for 1 minute

Values (Ω)

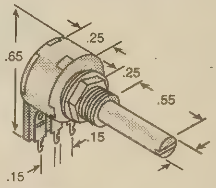
1K, 5K, 10K, 50K, 100K

MOUSER STOCK NO.	Fig.	Price Each 1	10	100
311-1901-Value	A	3.05	2.54	2.31
311-1902-Value	B	3.15	2.62	2.38
311-1903-Value	C	5.17	4.29	3.85

13mm CARBON COMPOSITION

Specifications:

- Resistance tolerance: ±20%
- Wattage rating: 0.1W
- Anti-rotational torque: 3 Kg-cm
- Operational temperature: -10°C to +70°C
- Breakdown voltage: 500V @ 60 seconds
- Rotational life: 5,000 cycles
- Linear taper
- Bushing: M6x0.75



DIMENSIONS (IN.)

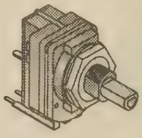
PC Mountable Solder Lugs

Slotted Shaft for Screwdriver Adjustment

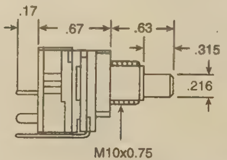
MOUSER STOCK NO.	Value (Ω)	Price Each 1	10	100	500
31CX301	1K	1.96	1.63	1.49	1.35
31CX305	5K	1.96	1.63	1.49	1.35
31CX401	10K	1.96	1.63	1.49	1.35
31CX405	50K	1.96	1.63	1.49	1.35
31CX501	100K	1.96	1.63	1.49	1.35
31CX505	500K	1.96	1.63	1.49	1.35
31CX601	1M	1.96	1.63	1.49	1.35

16mm PC MOUNT LINEAR TAPER WITH SWITCH

- Rated voltage: 200V
- Rated wattage: 0.2W
- Insulation resistance: >100MΩ
- Breakdown voltage: 1000VAC for 1 minute
- Switch contact resistance: <100mΩ
- Switch rating: 250VAC, 10A
- Tolerance: <1M: ±20%, ≥1M: ±30%
- Rotational life: 100,000 cycles
- Switch life: 10,000 operations
- Rotation angle: 270°±5°
- Switch circuit: SPST
- "D" shaft (nylon)



DIMENSIONS (IN.)



M10x0.75
Shaft: ø.25"

Values (Ω)

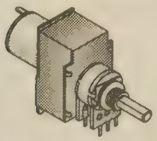
5K, 10K, 50K, 500K

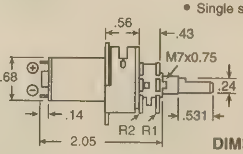
For quantities greater than listed, call for quote.

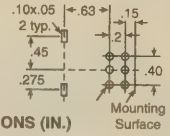
MOUSER STOCK NO.	Price Each 1	10	100
310-1600-Value	2.40	2.00	1.82

MOTOR DRIVEN PC MOUNT

- Rotational speed (sec/300°): 11±3 (@ 4.5VDC)
- Maximum operating current (mA): 100 @ rotation, 150 @ end slip
- Motor voltage (VDC): 3~6 (4.5 standard)
- Audio volume control
- Single shaft-dual unit







DIMENSIONS (IN.)

MOUSER STOCK NO.	Value (Ω)	Tolerance	Rotational Torque	Price Each 1	10	100
316-1020-Value	10K, 50K, 100K	±20%	100~450gf/cm	9.98	8.98	8.25

REPLACEMENT NUTS AND WASHERS

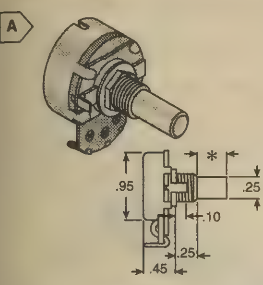
Hex Nut

Flat Washer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fits	Price Each 1	100	1000
Hex Nuts				
481-0017	311-1902, 311-1903, 313-1000, 313-1100, 313-1600, 313-2000, 313-3000, 313-4000, 31CN, 31CQ, 31CW, 31JN	.15	.07	.06
48AN007	31CR, 31CB, 31CA, 311-1901	.10	.027	.025
48AN006	31CX	.10	.027	.025
481-0010	310-1600	.16	.042	.039
Flat Washer				
48CW007	31JN, 313-1100, 313-1000, 313-4000, 313-2000, 313-3000, 31CN, 31CQ, 31CW, 31CR, 31CB, 31CT	.05	.013	.011

24mm Potentiometers

A


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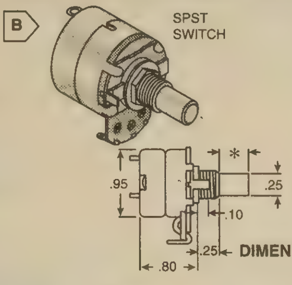

DIMENSIONS (IN.)

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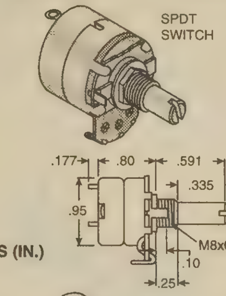

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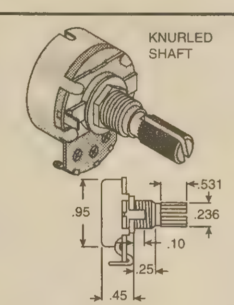

One hex nut and one washer are included with each potentiometer.

If needed, additional hardware is available.

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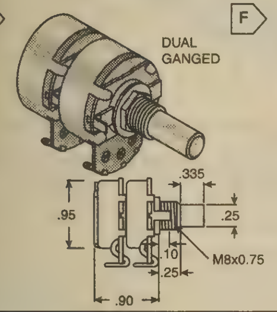

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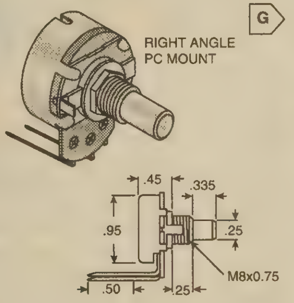

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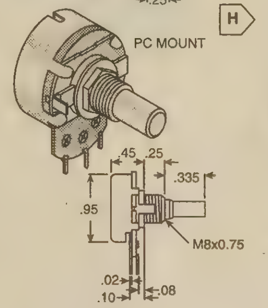

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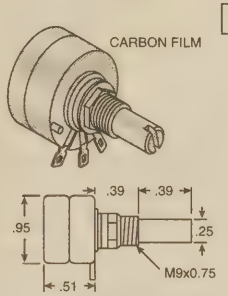

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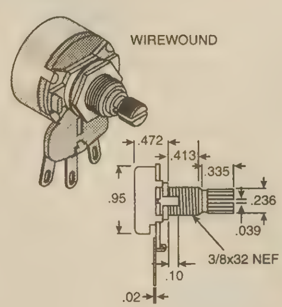


Mechanical Specifications:
- Total rotation angle 300°±5°
- Rotational torque: 20~200 g-cm
- Carbon composition

Electrical Specifications:
- Rated wattage: Linear taper-1/2 watt, Audio taper-1/4 watt
- Rated voltage: Linear taper-500VDC, Audio taper-250VDC
- Insulation resistance: >100MΩ (500VDC)
- Withstanding voltage: 500VAC for 1 minute
- Resistance tolerance: <1M: ±20%, ≥1M: ±30%
- 1/4" shaft diameter

For quantities greater than listed, call for quote.

SOLDER LUGS

Audio Taper, (.335") Shaft Length *

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31VJ301	A	1K	1.25	.96	.87	.80
31VJ305	A	5K	1.25	.96	.87	.80
31VJ401	A	10K	1.25	.96	.87	.80
31VJ405	A	50K	1.25	.96	.87	.80
31VJ501	A	100K	1.25	.96	.87	.80
31VJ505	A	500K	1.25	.96	.87	.80
31VJ601	A	1Meg	1.25	.96	.87	.80

Audio Taper W/SPST Switch, (.335") Shaft Length *

31XP301	B	1K	1.72	1.43	1.30	1.19
31XP305	B	5K	1.72	1.43	1.30	1.19
31XP401	B	10K	1.72	1.43	1.30	1.19
31XP405	B	50K	1.72	1.43	1.30	1.19
31XP501	B	100K	1.72	1.43	1.30	1.19
31XP505	B	500K	1.72	1.43	1.30	1.19
31XP601	B	1Meg	1.72	1.43	1.30	1.19

Dual Ganged Audio Taper, (.335") Shaft Length

313-2420-1K	E	1K	2.35	1.96	1.78	1.62
313-2420-5K	E	5K	2.35	1.96	1.78	1.62
313-2420-10K	E	10K	2.35	1.96	1.78	1.62
313-2420-50K	E	50K	2.35	1.96	1.78	1.62
313-2420-100K	E	100K	2.35	1.96	1.78	1.62
313-2420-250K	E	250K	2.35	1.96	1.78	1.62
313-2420-500K	E	500K	2.35	1.96	1.78	1.62
313-2420-1M	E	1Meg	2.35	1.96	1.78	1.62

Linear Taper, (.335") Shaft Length *

31VA205	A	500	1.25	.96	.87	.80
31VA301	A	1K	1.25	.96	.87	.80
31VA302	A	2K	1.25	.96	.87	.80
31VA303	A	2.5K	1.25	.96	.87	.80
31VA305	A	5K	1.25	.96	.87	.80
31VA401	A	10K	1.25	.96	.87	.80
31VA403	A	25K	1.25	.96	.87	.80
31VA405	A	50K	1.25	.96	.87	.80
31VA501	A	100K	1.25	.96	.87	.80
31VA503	A	250K	1.25	.96	.87	.80
31VA505	A	500K	1.25	.96	.87	.80
31VA601	A	1 Meg	1.25	.96	.87	.80
31VA602	A	2 Meg	1.25	.96	.87	.80
31VA605	A	5 Meg	1.25	.96	.87	.80

SOLDER LUGS

Linear Taper, (1.32") Shaft Length *

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31VC205	A	500	1.20	1.00	.91	.83
31VC301	A	1K	1.20	1.00	.91	.83
31VC302	A	2K	1.20	1.00	.91	.83
31VC303	A	2.5K	1.20	1.00	.91	.83
31VC305	A	5K	1.20	1.00	.91	.83
31VC401	A	10K	1.20	1.00	.91	.83
31VC403	A	25K	1.20	1.00	.91	.83
31VC405	A	50K	1.20	1.00	.91	.83
31VC501	A	100K	1.20	1.00	.91	.83
31VC503	A	250K	1.20	1.00	.91	.83
31VC505	A	500K	1.20	1.00	.91	.83
31VC601	A	1 Meg	1.20	1.00	.91	.83
31VC605	A	5 Meg	1.20	1.00	.91	.83

Linear Taper W/Knurled Shaft, (.531") Shaft Length

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31VF205	D	500	1.25	.96	.87	.80
31VF301	D	1K	1.25	.96	.87	.80
31VF302	D	2K	1.25	.96	.87	.80
31VF305	D	5K	1.25	.96	.87	.80
31VF401	D	10K	1.25	.96	.87	.80
31VF405	D	50K	1.25	.96	.87	.80
31VF501	D	100K	1.25	.96	.87	.80
31VF503	D	250K	1.25	.96	.87	.80
31VF505	D	500K	1.25	.96	.87	.80
31VF601	D	1 Meg	1.25	.96	.87	.80
31VF602	D	2 Meg	1.25	.96	.87	.80

Linear Taper W/SPST Switch, (.335") Shaft Length *

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31VM205	B	500	1.72	1.43	1.30	1.19
31VM301	B	1K	1.72	1.43	1.30	1.19
31VM303	B	2.5K	1.72	1.43	1.30	1.19
31VM305	B	5K	1.72	1.43	1.30	1.19
31VM401	B	10K	1.72	1.43	1.30	1.19
31VM403	B	25K	1.72	1.43	1.30	1.19
31VM405	B	50K	1.72	1.43	1.30	1.19
31VM501	B	100K	1.72	1.43	1.30	1.19
31VM503	B	250K	1.72	1.43	1.30	1.19
31VM505	B	500K	1.72	1.43	1.30	1.19
31VM601	B	1 Meg	1.72	1.43	1.30	1.19

Linear Taper W/SPDT Switch, (.335") Shaft Length

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100
315-2415-Value	C	1K, 5K, 10K, 25K, 50K, 100K, 250K, 500K,1M	2.72	2.27	2.06

SOLDER LUGS

Dual Ganged Linear Taper, (.335") Shaft Length

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31VW205	E	500	2.35	1.96	1.78	1.62
31VW301	E	1K	2.35	1.96	1.78	1.62
31VW305	E	5K	2.35	1.96	1.78	1.62
31VW401	E	10K	2.35	1.96	1.78	1.62
31VW405	E	50K	2.35	1.96	1.78	1.62
31VW501	E	100K	2.35	1.96	1.78	1.62
31VW503	E	250K	2.35	1.96	1.78	1.62
31VW505	E	500K	2.35	1.96	1.78	1.62
31VW601	E	1 Meg	2.35	1.96	1.78	1.62

PCB TERMINALS

Linear Taper, (.335") Shaft Length

31VQ205	F	500	1.27	.98	.89	.81
31VQ301	F	1K	1.27	.98	.89	.81
31VQ305	F	5K	1.27	.98	.89	.81
31VQ401	F	10K	1.27	.98	.89	.81
31VQ403	F	25K	1.27	.98	.89	.81
31VQ405	F	50K	1.27	.98	.89	.81
31VQ501	F	100K	1.27	.98	.89	.81
31VQ503	F	250K	1.27	.98	.89	.81
31VQ505	F	500K	1.27	.98	.89	.81
31VQ601	F	1 Meg	1.27	.98	.89	.81

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100
314-1410-Value	G	1K, 5K, 10K, 50K, 100K, 200K, 500K,1M	1.25	.96	.87

SOLDER LUGS CARBON FILM

Linear Taper .25 Watt. +15 / -10% Tolerance (.393") Shaft Length

- Sealed for Long Life

MOUSER STOCK NO.	Fig.	Value (Ω)	Price Each 1	10	100	500
31YN205	H	500	7.68	6.40	5.82	5.29
31YN301	H	1K	7.68	6.40	5.82	5.29
31YN305	H	5K	7.68	6.40	5.82	5.29
31YN401	H	10K	7.68	6.40	5.82	5.29
31YN405	H	50K	7.68	6.40	5.82	5.29
31YN501	H	100K	7.68	6.40	5.82	5.29

SOLDER LUGS WIREWOUND

Linear Taper 5 Watt

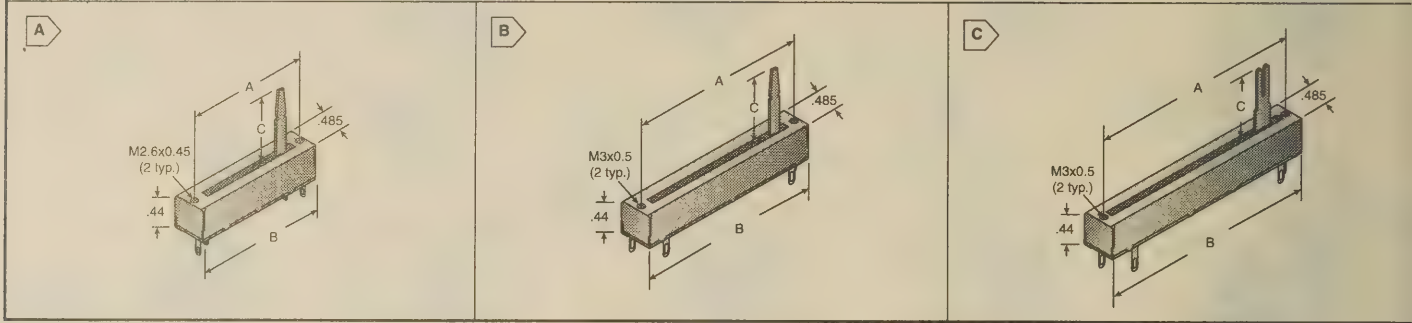
- Rotation angle: 300° ±5°
- Rotation torque: 30-300gf/cm
- Rated wattage: 5W
- End stop strength: 6Kgf/cm

313-2401-5	I	5	3.31	2.76	2.50	2.28
313-2401-10	I	10	3.31	2.76	2.50	2.28
313-2401-20	I	20	3.31	2.76	2.50	2.28
313-2401-50	I	50	3.31	2.76	2.50	2.28
313-2401-100	I	100	3.31	2.76	2.50	2.28
313-2401-500	I	500	3.31	2.76	2.50	2.28
313-2401-1K	I	1K	3.31	2.76	2.50	2.28
313-2401-2K	I	2K	3.31	2.76	2.50	2.28

Slide Potentiometers

SLIDE POTENTIOMETERS

DIMENSIONS (IN.)

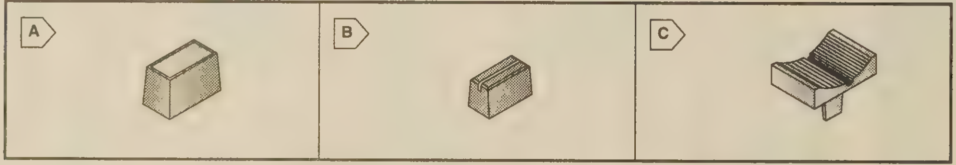


All slide potentiometers contain quality carbon composition elements for long life and noise-free operation.

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Stock Values (Ω) Other Values Available on Request	Watts	Insulation Resistance @ 500VDC	Withstanding Voltage For 1 Minute	Lever Travel	Dimensions (In.)			Price Each		
							A	B	C	1	10	100
Audio Taper												
312-9000-Value	A	1K, 5K, 10K, 50K, 100K	0.1	50MΩ	300VAC	1.18	1.77	1.98	.8	**1.18**	**.91**	**.83**
Linear Taper												
312-9100-Value	A	500, 1K, 5K, 10K, 25K, 50K, 100K	0.2	50MΩ	300VAC	1.18	1.77	1.98	.8	**1.18**	**.91**	**.83**
312-9201-Value	B	1K, 5K, 10K, 20K, 50K, 100K, 500K, 1M	0.25	100MΩ	500VAC	1.77	2.56	2.88	.8	**1.39**	**1.16**	**1.06**
312-9302-Value	B	1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1M	0.5	100MΩ	500VAC	2.36	3.15	3.475	.8	**1.83**	**1.52**	**1.39**
312-9301-Value	C	1K, 2K, 5K, 10K, 50K, 100K	0.5	100MΩ	500VAC	2.36	3.15	3.475	.59	**1.83**	**1.53**	**1.40**
312-9401-Value	C	1K, 10K, 100K	0.5	100MΩ	500VAC	3.94	4.72	5.04	.59	**5.04**	**3.78**	**3.47**

SLIDE POTENTIOMETER KNOBS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Color	Fits Series 312-____	Price Each		
		H	W	L			1	10	100
45KN151	A	.45	.36	.60	Black with silver inset	9301, 9401, 9402	**.74**	**.59**	**.53**
450-0154	B	.36	.24	.47	Black with white indicator	9000, 9100, 9201, 9301, 9302, 9401, 9402	**.39**	**.24**	**.22**
450-3050	C	.63	.68	.79	Orange with white indicator	9000, 9100, 9201, 9301, 9302, 9401, 9402	**.49**	**.33**	**.30**
450-3051	C	.63	.68	.79	Black with white indicator	9000, 9100, 9201, 9301, 9302, 9401, 9402	**.49**	**.33**	**.30**
450-3052	C	.63	.68	.79	Gray with black indicator	9000, 9100, 9201, 9301, 9302, 9401, 9402	**.49**	**.33**	**.30**

SLIDEPOT MOUNTING SCREW

Used for mounting Xicon/Alpha slide potentiometers

48SM004: use with series 319A, 319B, 619A, 619B
481-0264: use with series 9000 and 9100
481-0263: use with series 9201, 9301, 9302, 9401, 9402, 9600, and 9700

Length: 4mm

For quantities greater than listed, call for quot

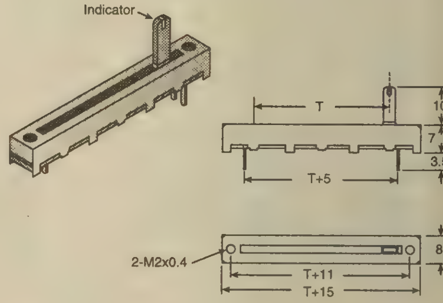
MOUSER STOCK NO.	Dia. (mm)	Pitch (mm)	Price Each		
			1	100	1000
48SM004	2	.4	.04	.012	.011
481-0264	2.6	.45	.04	.012	.011
481-0263	3	.5	.04	.012	.011

SLIDE POTENTIOMETERS WITH COLOR INDICATOR

- Watts: .2W
- Slide noise: less than 47mV
- Temperature range: -10°C to +70°C
- White indicator stocked
- PC pins

Options available subject to minimum order requirements:
Indicator color: black, red, green, orange
Travel length: 20mm and 45mm
Lever length: 15mm and 20mm

DIMENSIONS (mm)



For quantities greater than listed, call for quote.

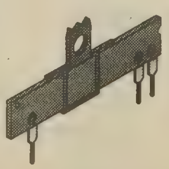
MOUSER STOCK NO.	Values (Ω)	T (Travel)	Max. Working Voltage	Withstanding Voltage For 1 Minute	Insulation Resistance @ 500VDC	Price Each		
						1	10	100
Audio Taper								
312-319A-Value	5K, 10K, 50K, 100K	30mm	200V	300VAC	50MΩ	**1.61**	**1.24**	**1.13**
312-619A-Value	5K, 10K, 50K, 100K	60mm	200V	300VAC	50MΩ	**1.80**	**1.39**	**1.27**
Linear Taper								
312-319B-Value	1K, 5K, 10K, 50K, 100K	30mm	200V	300VAC	50MΩ	**1.61**	**1.24**	**1.13**
312-619B-Value	1K, 5K, 10K, 50K, 100K	60mm	200V	300VAC	50MΩ	**1.80**	**1.39**	**1.27**

PC MOUNT MINI-SLIDE POTENTIOMETERS

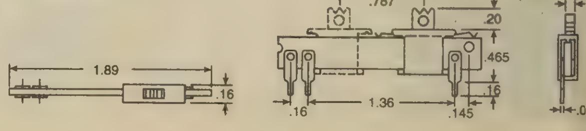
- Tolerance: ±20%
- Slide travel: .785"
- Breakdown voltage for 1 min.: 250V
- Insulation resistance: 10MΩ @ 250VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Value (Ω)	Price Each		
			1	10	100
312-9500-Value	Linear taper	1K, 5K, 10K, 50K, 100K	**.97**	**.75**	**.68**



DIMENSIONS (IN.)



nichicon Electrolytic Capacitors

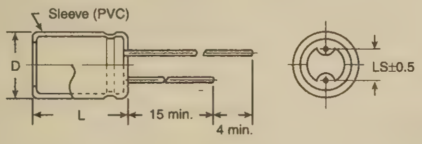
7mm RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

For General Purposes

Specifications:

- Operating temperature range: -40°C ~ +85°C
- Voltage range: 6.3 ~ 50V
- Capacitance range: 0.1 ~ 3300µF
- Capacitance tolerance: ±20% at 120Hz, 20°C
- Leakage current: after 2 minutes application of rated voltage, leakage current is no more than 0.01CV or 3µA, whichever is greater

NEW!



DIMENSIONS (mm)				
øD	4	5	6.3	8
P	1.5	2.0	2.5	3.5
ød	0.45	0.45	0.45	0.5

tan δ:
Measurement frequency: 120Hz
Temperature: 20°C

Rated voltage (V)	6.3	10	16	25	35	50
tan δ (max.)	0.24	0.20	0.16	0.14	0.12	0.10

Stability at Low Temperature:
Measurement frequency: 120Hz

Rated voltage (V)		4	6.3	10	16	25	35	50
Impedance ratio ZT/Z20 (max.)	Z-25°C/Z+20°C	6	4	3	2	2	2	2
	Z-40°C/Z+20°C	12	8	6	4	4	3	3

Load Life:
After 1000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right.

Capacitance change	Within ±20% of initial value
tan δ	200% or less of initil specified value
Leakage current	Initial specified value or less

Shelf Life:
After leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for load life characteristics listed above.

USR Series

For quantities greater than listed, call for quote.

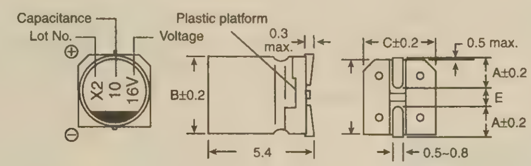
MOUSER STOCK NO.	WVDC	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
					1	10	100	500
647-USR0J220MDA	6.3	22	4 X 7	1.5	.24	.15	.10	.07
647-USR0J330MDA	6.3	33	4 X 7	1.5	.22	.14	.09	.06
647-USR0J470MDA	6.3	47	4 X 7	1.5	.23	.15	.10	.07
647-USR0J101MDA	6.3	100	5 X 7	2.0	.27	.17	.11	.08
647-USR0J221MDA	6.3	220	6.3 X 7	2.5	.27	.18	.13	.09
647-USR0J331MDA	6.3	330	8 X 7	3.5	.32	.23	.17	.12
647-USR1A220MDA	10	22	4 X 7	1.5	.22	.14	.09	.06
647-USR1A330MDA	10	33	4 X 7	1.5	.23	.15	.10	.07
647-USR1A470MDA	10	47	5 X 7	2.0	.24	.15	.10	.07
647-USR1A101MDA	10	100	6.3 X 7	2.5	.24	.16	.11	.08
647-USR1A221MDA	10	220	8 X 7	3.5	.31	.23	.17	.12
647-USR1C100MDA	16	10	4 X 7	1.5	.20	.13	.09	.06
647-USR1C220MDA	16	22	4 X 7	1.5	.22	.14	.09	.06
647-USR1C330MDA	16	33	5 X 7	2.0	.27	.17	.11	.08
647-USR1C470MDA	16	47	5 X 7	2.0	.27	.17	.11	.08
647-USR1C101MDA	16	100	6.3 X 7	2.5	.27	.18	.13	.09
647-USR1E100MDA	25	10	4 X 7	1.5	.22	.14	.09	.06
647-USR1E220MDA	25	22	5 X 7	2.0	.25	.15	.10	.07
647-USR1E330MDA	25	33	5 X 7	2.0	.24	.16	.11	.08
647-USR1E470MDA	25	47	6.3 X 7	2.5	.27	.18	.13	.09
647-USR1V4R7MDA	35	4.7	4 X 7	1.5	.20	.13	.09	.06
647-USR1V100MDA	35	10	4 X 7	1.5	.24	.15	.10	.07
647-USR1V220MDA	35	22	5 X 7	2.0	.24	.16	.11	.08
647-USR1V330MDA	35	33	6.3 X 7	2.5	.27	.18	.13	.09
647-USR1V470MCA	35	47	8 X 7	3.5	.32	.23	.17	.12
647-USR1H0R1MDA	50	.1	4 X 7	1.5	.21	.13	.09	.06
647-USR1HR22MDA	50	.22	4 X 7	1.5	.21	.13	.09	.06
647-USR1HR33MDA	50	.33	4 X 7	1.5	.21	.13	.09	.06
647-USR1HR47MDA	50	.47	4 X 7	1.5	.21	.13	.09	.06
647-USR1H010MDA	50	1	4 X 7	1.5	.21	.13	.09	.06
647-USR1H2R2MDA	50	2.2	4 X 7	1.5	.21	.13	.09	.06
647-USR1H3R3MDA	50	3.3	4 X 7	1.5	.21	.13	.09	.06
647-USR1H4R7MDA	50	4.7	4 X 7	1.5	.21	.14	.09	.06
647-USR1H100MDA	50	10	5 X 7	2.0	.27	.17	.11	.08
647-USR1H220MDA	50	22	6.3 X 7	2.5	.27	.18	.13	.09
647-USR1H330MCA	50	33	8 X 7	3.5	.32	.23	.17	.12

5.5mm SMD ALUMINUM ELECTROLYTIC CAPACITORS

Specifications:

- Operating temperature range: -40°C ~ +85°C
- Voltage range: 4 ~ 50V
- Capacitance range: 0.1 ~ 330µF
- Capacitance tolerance: ±20% at 120Hz, 20°C
- Leakage current: after 2 minutes application of rated voltage, leakage current is no more than 0.01CV or 3µA, whichever is greater

NEW!



DIMENSIONS (mm)					
A	1.5	1.8	2.1	2.4	3.3
B	3.3	4.3	5.3	6.6	8.3
C	3.3	4.3	5.3	6.6	8.3
E	0.8	1.0	1.3	2.2	2.3

UWX Series

To order reels: add **-TR** to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Case Size D x L (mm) Max.	Price Each			Reel Qty.	Price for Tape & Reel
				1	100	500		
647-UWX0G220MCR2	4	22	3 X 5.4	.28	.26	.20	2000	.116
647-UWX0G330MCR1	4	33	4 X 5.4	.24	.22	.17	2000	.096
647-UWX0G470MCR1	4	47	4 X 5.4	.24	.22	.17	2000	.096
647-UWX0G101MCR1	4	100	5 X 5.4	.30	.26	.20	1000	.120
647-UWX0G221MCR1	4	220	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX0J220MCR2	6.3	22	3 X 5.4	.21	.19	.15	2000	.085
647-UWX0J220MCR1	6.3	22	4 X 5.4	.24	.22	.17	2000	.096
647-UWX0J330MCR1	6.3	33	5 X 5.4	.27	.24	.18	1000	.120
647-UWX0J470MCR1	6.3	47	5 X 5.4	.30	.26	.20	1000	.120
647-UWX0J101MCR1	6.3	100	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX0J221MCR1	6.3	220	8 X 5.4	.49	.42	.33	1000	.195
647-UWX0J331MCR1	6.3	330	8 X 5.4	.49	.42	.33	1000	.195
647-UWX1A220MCR1	10	22	5 X 5.4	.30	.26	.20	1000	.120
647-UWX1A330MCR1	10	33	5 X 5.4	.30	.26	.20	1000	.120
647-UWX1A470MCR1	10	47	6.3 X 5.4	.35	.30	.23	1000	.140
647-UWX1A101MCR1	10	100	6.3 X 5.4	.33	.30	.23	1000	.140
647-UWX1A221MCR1	10	220	8 X 5.4	.49	.42	.33	1000	.195
647-UWX1C100MCR2	16	10	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1C100MCR1	16	10	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1C220MCR1	16	22	5 X 5.4	.30	.26	.20	1000	.120
647-UWX1C330MCR1	16	33	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX1C470MCR1	16	47	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX1C101MCR1	16	100	6.3 X 5.4	.40	.37	.28	1000	.168
647-UWX1E4R7MCR2	25	4.7	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1E4R7MCR1	25	4.7	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1E100MCR1	25	10	5 X 5.4	.30	.26	.20	1000	.120
647-UWX1E220MCR1	25	22	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX1E330MCR1	25	33	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX1E101MCR1	25	100	8 X 5.4	.49	.42	.33	1000	.195
647-UWX1V2R2MCR2	35	2.0	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1V3R3MCR2	35	3.3	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1V4R7MCR1	35	4.7	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1V100MCR1	35	10	5 X 5.4	.30	.26	.20	1000	.120
647-UWX1V220MCR1	35	22	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX1V330MCR1	35	33	8 X 5.4	.49	.42	.33	1000	.195
647-UWX1V470MCR1	35	47	8 X 5.4	.49	.42	.33	1000	.195
647-UWX1H0R1MCR2	50	.1	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1H0R1MCR1	50	.1	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1HR22MCR2	50	.22	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1HR22MCR1	50	.22	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1HR33MCR2	50	.33	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1HR33MCR1	50	.33	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1HR47MCR2	50	.47	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1HR47MCR1	50	.47	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1H010MCR2	50	1	3 X 5.4	.28	.26	.20	2000	.116
647-UWX1H010MCR1	50	1	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1H2R2MCR2	50	2.2	3 X 5.4	.40	.37	.29	2000	.163
647-UWX1H2R2MCR1	50	2.2	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1H3R3MCR1	50	3.3	4 X 5.4	.24	.22	.17	2000	.096
647-UWX1H4R7MCR1	50	4.7	5 X 5.4	.30	.26	.20	1000	.120
647-UWX1H100MCR1	50	10	6.3 X 5.4	.34	.29	.23	1000	.130
647-UWX1H220MCR1	50	33	8 X 5.4	.49	.42	.33	1000	.199
647-UWX1H330MCR1	50	33	8 X 5.4	.49	.42	.33	1000	.199

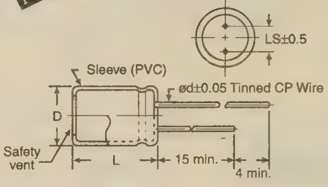
nichicon Electrolytic Capacitors

ALUMINUM ELECTROLYTIC CAPACITORS

NEW!

Specifications:

- Operating temperature range: -40°C ~ +85°C (6.3 ~ 400V), -25°C ~ +85°C (450V)
- Voltage range: 6.3 ~ 450V
- Capacitance range: 0.1 ~ 33000µF
- Capacitance tolerance: ±20% at 120Hz, 20°C



DIMENSIONS (mm)

Leakage Current

6.3 ~ 100V	160 ~ 450V
After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 4(µA), whichever is greater. After 2 minute's application of rated voltage, leakage current is not more than 0.01CV or 3(µA), whichever is greater.	After 1 minute's application of rated voltage, CV≤1000 : I=0.1CV + 40 (µA) or less. After 1 minute's application of rated voltage, CV>1000 : I 0.04CV + 100 (µA) or less.

Load Life: After 2000 hours application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right.

Capacitance change	Within ±20% of initial value
tanδ	200% or less of initial specified value
Leakage current	Initial specified value or less

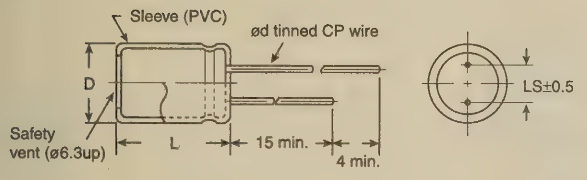
UVR Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
					1	10	100	500
647-UVR0J101MDA	6.3	100	5 x 11	2.0	.18	.11	.08	.05
647-UVR0J221MDA	6.3	220	5 x 11	2.0	.23	.15	.10	.07
647-UVR0J331MEA	6.3	330	6.3 x 11	2.5	.24	.16	.11	.08
647-UVR0J471MEA	6.3	470	6.3 x 11	2.5	.29	.19	.13	.09
647-UVR0J102MPA	6.3	1000	8 x 11.5	3.5	.34	.25	.18	.13
647-UVR0J222MPA	6.3	2200	10 x 20	5.0	.53	.40	.28	.20
647-UVR0J332MPA	6.3	3300	10 x 20	5.0	.64	.48	.35	.25
647-UVR0J472MHA	6.3	4700	12.5 x 20	5.0	.92	.69	.51	.37
647-UVR0J682MHA	6.3	6800	12.5 x 25	5.0	1.17	.88	.66	.47
647-UVR0J103MHA	6.3	10000	16 x 25	7.5	1.67	1.25	.94	.67
647-UVR0J153MHA	6.3	15000	16 x 35.5	7.5	2.09	1.58	1.19	.89
647-UVR0J223MHA	6.3	22000	18 x 40	7.5	2.99	2.26	1.71	1.28
647-UVR1A101MDA	10	100	5 x 11	2.0	.18	.12	.08	.05
647-UVR1A221MEA	10	220	6.3 x 11	2.5	.26	.16	.11	.07
647-UVR1A331MEA	10	330	6.3 x 11	2.5	.29	.19	.13	.09
647-UVR1A471MEA	10	470	6.3 x 11	2.5	.32	.22	.16	.11
647-UVR1A102MPA	10	1000	10 x 12.5	5.0	.38	.28	.20	.14
647-UVR1A222MPA	10	2200	10 x 20	5.0	.59	.44	.32	.23
647-UVR1A332MHA	10	3300	12.5 x 20	5.0	.93	.69	.51	.37
647-UVR1A472MHA	10	4700	12.5 x 25	5.0	1.16	.87	.65	.46
647-UVR1A682MHA	10	6800	16 x 25	7.5	1.55	1.16	.87	.62
647-UVR1A103MHA	10	10000	16 x 35.5	7.5	1.87	1.41	1.06	.80
647-UVR1A153MHA	10	15000	18 x 35.5	7.5	2.88	2.18	1.64	1.23
647-UVR1C100MDA	16	10	5 x 11	2.0	.18	.11	.08	.05
647-UVR1C220MDA	16	22	5 x 11	2.0	.16	.14	.07	.05
647-UVR1C330MDA	16	33	5 x 11	2.0	.16	.10	.07	.05
647-UVR1C470MDA	16	47	5 x 11	2.0	.16	.10	.07	.05
647-UVR1C101MDA	16	100	5 x 11	2.0	.21	.13	.09	.06
647-UVR1C221MEA	16	220	6.3 x 11	2.5	.26	.17	.12	.08
647-UVR1C331MPA	16	330	8 x 11.5	3.5	.30	.20	.14	.10
647-UVR1C471MPA	16	470	8 x 11.5	3.5	.30	.22	.16	.18
647-UVR1C102MPA	16	1000	10 x 16	5.0	.51	.37	.27	.19
647-UVR1C222MHA	16	2200	12.5 x 20	5.0	.88	.66	.48	.35
647-UVR1C332MHA	16	3300	12.5 x 25	5.0	1.14	.86	.64	.45
647-UVR1C472MHA	16	4700	16 x 25	5.0	1.42	1.06	.79	.57
647-UVR1C682MHA	16	6800	16 x 35.5	7.5	1.90	1.44	1.09	.82
647-UVR1C103MHA	16	10000	18 x 35.5	7.5	2.84	2.15	1.62	1.22
647-UVR1E100MDA	25	10	5 x 11	2.0	.18	.11	.08	.05
647-UVR1E220MDA	25	22	5 x 11	2.0	.18	.11	.08	.05
647-UVR1E330MDA	25	33	5 x 11	2.0	.17	.11	.07	.05
647-UVR1E470MDA	25	47	5 x 11	2.0	.18	.12	.079	.053
647-UVR1E101MEA	25	100	6.3 x 11	2.5	.26	.16	.11	.07
647-UVR1E221MPA	25	220	8 x 11.5	3.5	.32	.22	.15	.11
647-UVR1E331MPA	25	330	10 x 12.5	5.0	.30	.22	.16	.12
647-UVR1E471MPA	25	470	10 x 12.5	5.0	.40	.30	.21	.15
647-UVR1E102MPA	25	1000	10 x 20	5.0	.60	.45	.33	.24
647-UVR1E222MHA	25	2200	12.5 x 25	5.0	1.02	.76	.57	.41
647-UVR1E332MHA	25	3300	16 x 25	7.5	1.50	1.13	.85	.60
647-UVR1E472MHA	25	4700	16 x 31.5	7.5	2.02	1.53	1.16	.87
647-UVR1E682MHA	25	6800	18 x 35.5	7.5	2.97	2.25	1.70	1.27
647-UVR1V100MDA	35	10	5 x 11	2.0	.18	.11	.08	.05
647-UVR1V220MDA	35	22	5 x 11	2.0	.18	.11	.08	.05
647-UVR1V330MDA	35	33	5 x 11	2.0	.20	.13	.09	.06
647-UVR1V470MDA	35	47	5 x 11	2.0	.20	.13	.09	.06
647-UVR1V101MEA	35	100	6.3 x 11	2.5	.26	.17	.12	.08
647-UVR1V221MPA	35	220	10 x 12.5	5.0	.30	.22	.16	.12
647-UVR1V331MPA	35	330	10 x 12.5	5.0	.43	.32	.23	.16
647-UVR1V471MPA	35	470	10 x 16	5.0	.50	.37	.26	.19
647-UVR1V102MHA	35	1000	12.5 x 20	5.0	.92	.68	.50	.36
647-UVR1V222MHA	35	2200	16 x 25	7.5	1.51	1.13	.85	.60
647-UVR1V332MHA	35	3300	16 x 35.5	7.5	2.06	1.56	1.18	.88
647-UVR1V472MHA	35	4700	18 x 35.5	7.5	3.09	2.34	1.76	1.32
647-UVR1HR33MDA	50	0.33	5 x 11	2.0	.18	.11	.08	.05
647-UVR1HR47MDA	50	0.47	5 x 11	2.0	.19	.12	.08	.05
647-UVR1H010MDA	50	1.0	5 x 11	2.0	.16	.10	.07	.05
647-UVR1H2R2MDA	50	2.2	5 x 11	2.0	.16	.10	.07	.05
647-UVR1H3R3MDA	50	3.3	5 x 11	2.0	.16	.10	.07	.05
647-UVR1H4R7MDA	50	4.7	5 x 11	2.0	.16	.10	.07	.05
647-UVR1H100MDA	50	10	5 x 11	2.0	.16	.10	.07	.05
647-UVR1H220MDA	50	22	5 x 11	2.0	.17	.11	.07	.05
647-UVR1H330MDA	50	33	5 x 11	2.0	.21	.13	.09	.06
647-UVR1H470MEA	50	47	6.3 x 11	2.5	.25	.16	.10	.07
647-UVR1H101MPA	50	100	8 x 11.5	3.5	.30	.20	.14	.10
647-UVR1H221MPA	50	220	10 x 12.5	5.0	.40	.30	.21	.16
647-UVR1H331MPA	50	330	10 x 16	5.0	.53	.39	.29	.21
647-UVR1H471MHA	50	470	12.5 x 20	5.0	.63	.47	.34	.25
647-UVR1H102MHA	50	1000	12.5 x 25	5.0	1.09	.82	.61	.44
647-UVR1H222MHA	50	2200	16 x 35.5	7.5	2.06	1.56	1.18	.88
647-UVR1H332MHA	50	3300	18 x 35.5	7.5	3.25	2.46	1.86	1.39
647-UVR1J100MDA	63	10	5 x 11	2.0	.20	.13	.09	.06
647-UVR1J220MDA	63	22	5 x 11	2.0	.22	.14	.09	.06
647-UVR1J330MEA	63	33	6.3 x 11	2.5	.23	.16	.11	.08
647-UVR1J470MEA	63	47	6.3 x 11	2.5	.30	.21	.14	.10
647-UVR1J101MPA	63	100	10 x 12.5	5.0	.33	.24	.17	.13
647-UVR1J221MPA	63	220	10 x 16	5.0	.53	.40	.29	.21
647-UVR1J331MPA	63	330	10 x 20	5.0	.70	.53	.39	.28
647-UVR1J471MHA	63	470	12.5 x 20	5.0	1.01	.76	.57	.40
647-UVR1J102MHA	63	1000	16 x 25	7.5	1.85	1.39	1.04	.74
647-UVR1J222MHA	63	2200	18 x 35.5	7.5	3.23	2.45	1.85	1.39
647-UVR2A0R1MDA	100	0.1	5 x 11	2.0	.20	.13	.09	.06
647-UVR2AR22MDA	100	0.22	5 x 11	2.0	.20	.13	.09	.06
647-UVR2AR33MDA	100	0.33	5 x 11	2.0	.20	.13	.09	.06
647-UVR2AR47MDA	100	0.47	5 x 11	2.0	.20	.13	.09	.06
647-UVR2A010MDA	100	1.0	5 x 11	2.0	.20	.13	.09	.06
647-UVR2A2R2MDA	100	2.2	5 x 11	2.0	.20	.13	.09	.06
647-UVR2A3R3MDA	100	3.3	5 x 11	2.0	.19	.12	.08	.06
647-UVR2A4R7MDA	100	4.7	5 x 11	2.0	.20	.13	.09	.06
647-UVR2A100MEA	100	10	6.3 x 11	2.5	.26	.16	.11	.08
647-UVR2A220MEA	100	22	6.3 x 11	2.5	.32	.22	.15	.10
647-UVR2A330MPA	100	33	8 x 11.5	3.5	.38	.26	.18	.12
647-UVR2A470MPA	100	47	10 x 12.5	5.0	.36	.27	.19	.14
647-UVR2A101MPA	100	100	10 x 20	5.0	.58	.43	.32	.23
647-UVR2A221MHA	100	220	12.5 x 25	5.0	1.16	.87	.66	.46
647-UVR2A331MHA	100	330	12.5 x 25	5.0	1.51	1.14	.85	.61
647-UVR2A471MHA	100	470	16 x 25	7.5	1.98	1.50	1.13	.85
647-UVR2A102MHA	100	1000	18 x 40	7.5	3.75	2.84	2.14	1.61
647-UVR2C010MEA	160	1.0	6.3 x 11	2.5	.38	.26	.18	.13
647-UVR2C2R2MEA	160	2.2	6.3 x 11	2.5	.39	.27	.19	.14
647-UVR2C4R7MEA	160	4.7	6.3 x 11	2.5	.39	.27	.19	.14
647-UVR2C100MPA	160	10	8 x 11.5	3.5	.49	.36	.26	.19
647-UVR2C220MPA	160	22	10 x 16	5.0	.56	.42	.31	.25
647-UVR2C330MPA	160	33	10 x 20	5.0	.85	.63	.46	.33
647-UVR2C470MHA	160	47	12.5 x 20	5.0	1.05	.79	.60	.42
647-UVR2C101MHA	160	100	12.5 x 25	5.0	1.57	1.18	.88	.63
647-UVR2C221MHA	160	220	16 x 35.5	7.5	2.39	1.81	1.37	1.03
647-UVR2C331MHA	160	330	18 x 40	7.5	3.34	2.53	1.91	1.43
647-UVR2C471MRA	160	470	22 x 40	10.0	4.30	3.26	2.46	1.84
647-UVR2E010MEA	250	1.0	6.3 x 11	2.5	.31	.23	.16	.11
647-UVR2E010MEA	250	1.0	6.3 x 11	2.5	.31	.23	.16	.11
647-UVR2E2R2MEA	250	2.2	6.3 x 11	2.5	.36	.26	.19	.14
647-UVR2E3R3MPA	250	3.3	8 x 11.5	3.5	.44	.33	.23	.17
647-UVR2E4R7MPA	250	4.7	8 x 11.5	3.5	.43	.32	.22	.16
647-UVR2E100MPA	250	10	10 x 16	5.0	.52	.39	.28	.21
647-UVR2E220MHA	250	22	12.5 x 20	5.0	.86	.64	.47	.30
647-UVR2E330MHA	250	33	12.5 x 20	5.0	1.14	.85	.64	.46
647-UVR2E470MHA	250	47	12.5 x 25	5.0	1.51	1.36	.85	.60
647-UVR2E101MHA	250	100	16 x 31.5	7.5	2.48	1.87	1.41	1.06
647-UVR2E221MRA	250	220	20 x 40	10.0	3.37	3.27	2.47	1.85
647-UVR2V010MEA	350	1.0	6.3 x 11	2.5	.37	.25	.17	.12
647-UVR2V2R2MPA	350	2.2	8 x 11.5	3.5	.47	.33	.22	.15
647-UVR2V3R3MPA	350	3.3	10 x 12.5	5.0	.67	.46	.32	.21
647-UVR2V4R7MPA	350	4.7	10 x 12.5	5.0	.67	.46	.32	.21
647-UVR2V100MPA	350	10	10 x 20	5.0	.96	.67	.46	.31
647-UVR2V200MHA	350	22	12.5 x 25	5.0	1.14	.85	.64	.46
647-UVR2V330MHA	350	33	16 x 25	7.5	1.46	1.10	.83	.58
647-UVR2V470MHA	350	47	16 x 35.5	7.5	2.38	1.79	1.39	.95
647-UVR2V101MRA	350	100	18 x 40	7.5	2.77	2.08	1.57	1.11
647-UVR2G010MPA	400	1.0	8 x 11.5	3.5	.51	.38	.27	.19
647-UVR2G2R2MPA	400	2.2	10 x 12.5	5.0	.57	.42	.30	.21
647-UVR2W3R3MPA	450	3.3	10 x 16	5.0	.68	.50	.37	.27
647-UVR2G4R7MPA	400	4.7	10 x 16	5.0	.98	.73	.54	.39
647-UVR2G100MHA	400	10	12.5 x 20	5.0	1.21	.91	.68	.48
647-UVR2W220MHA	450	22	16 x 25	7.5	1.80	1.36	1.03	.77
647-UVR2W330MHA	450	33	16 x 35.5	7.5	2.42	1.83	1.38	1.04

nichicon Aluminum Electrolytic Capacitors

HIGH TEMPERATURE RADIAL ELECTROLYTIC CAPACITORS



DIMENSIONS (mm)

Leakage Current:

6.3V ~ 100V	160V ~ 450V
After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 4 (µA), whichever is greater. After 2 minute's application of rated voltage, leakage current is not more than 0.01CV or 3 (µA), whichever is greater.	After 1 minute's application of rated voltage, CV ≤ 1000: I = 0.1CV + 40µA or less. After 1 minute's application of rated voltage, CV > 1000: I = 0.04CV + 100µA or less.

Load Life:
After 1000 hours' application of rated voltage at 105°C, capacitors meet the characteristics requirements listed at right.

Capacitance change	Within ±20% of initial value
tan δ	200% or less of initial specified value
Leakage current	Initial specified value or less

Shelf Life:
After leaving capacitors under no load at 105°C for 1000 hours, they meet the specified value for load life characteristics listed above.

Specifications:

- Operating temperature range: -55°C ~ +105°C (6.3 ~ 100V), -40°C ~ +105°C (60 ~ 400V), -25°C ~ +105°C (450V)
- Voltage range: 6.3 ~ 450V
- Capacitance range: 0.1 ~ 33000µF
- Capacitance tolerance: ±20% at 120Hz, 20°C
- Small case sizes as same as VR series series, but operating over wide temperature range of -55°C ~ 105°C

UVZ Series

For quantities greater than listed, call for quote.

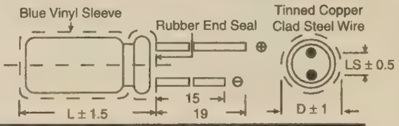
MOUSER STOCK NO.	WVDC	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
					1	10	100	500
647-UVZ0J101MDH	6.3V	100uF	5 x 11	2.0	.27	.17	.12	.08
647-UVZ0J221MDH	6.3V	220uF	5 x 11	2.0	.26	.17	.12	.08
647-UVZ0J331MEH	6.3V	330uF	6.3 x 11	2.5	.33	.22	.16	.11
647-UVZ0J471MEH	6.3V	470uF	6.3 x 11	2.5	.32	.24	.17	.12
647-UVZ0J102MPH	6.3V	1000uF	8 x 11.5	3.5	.47	.35	.25	.18
647-UVZ0J222MPH	6.3V	2200uF	10 x 20	5.0	.67	.50	.37	.27
647-UVZ0J332MPH	6.3V	3300uF	10 x 20	5.0	.93	.69	.51	.37
647-UVZ0J472MHH	6.3V	4700uF	12.5 x 20	5.0	1.05	.79	.59	.42
647-UVZ0J682MHH	6.3V	6800uF	12.5 x 25	5.0	1.43	1.07	.80	.57
647-UVZ0J103MHH	6.3V	10000uF	16 x 25	7.5	1.79	1.35	1.02	.77
647-UVZ0J153MHH	6.3V	15000uF	16 x 35.5	7.5	2.56	1.94	1.46	1.10
647-UVZ0J223MHH	6.3V	22000uF	18 x 40	7.5	3.66	2.77	2.09	1.57
647-UVZ1A101MDH	10V	100uF	5 x 11	2.0	.23	.15	.11	.07
647-UVZ1A221MEH	10V	220uF	6.3 x 11	2.5	.29	.20	.14	.10
647-UVZ1A331MEH	10V	330uF	6.3 x 11	2.5	.32	.24	.17	.12
647-UVZ1A471MEH	10V	470uF	6.3 x 11	2.5	.39	.29	.20	.15
647-UVZ1A102MPH	10V	1000uF	10 x 12.5	5.0	.54	.40	.30	.21
647-UVZ1A222MPH	10V	2200uF	10 x 20	5.0	.86	.64	.47	.34
647-UVZ1A332MHH	10V	3300uF	12.5 x 20	5.0	1.01	.75	.56	.40
647-UVZ1A472MHH	10V	4700uF	12.5 x 25	5.0	1.35	1.01	.76	.54
647-UVZ1A682MHH	10V	6800uF	16 x 25	7.5	1.89	1.42	1.07	.76
647-UVZ1A103MHH	10V	10000uF	16 x 35.5	7.5	2.28	1.73	1.30	.98
647-UVZ1A153MHH	10V	15000uF	18 x 35.5	7.5	3.52	2.67	2.01	1.51
647-UVZ1C470MDH	16V	47mF	5 x 11	2.0	.27	.17	.12	.08
647-UVZ1C101MDH	16V	100uF	5 x 11	2.0	.26	.17	.12	.08
647-UVZ1C221MEH	16V	220uF	6.3 x 11	2.5	.32	.24	.17	.12
647-UVZ1C331MPH	16V	330uF	8 x 11.5	3.5	.39	.29	.20	.15
647-UVZ1C471MPH	16V	470uF	8 x 11.5	3.5	.48	.35	.25	.18
647-UVZ1C102MPH	16V	1000uF	10 x 16	5.0	.67	.50	.37	.26
647-UVZ1C222MHH	16V	2200uF	12.5 x 20	5.0	1.05	.79	.59	.42
647-UVZ1C332MHH	16V	3300uF	12.5 x 25	5.0	1.46	1.09	.82	.58
647-UVZ1C472MHH	16V	4700uF	16 x 25	7.5	1.75	1.32	1.00	.75
647-UVZ1C682MHH	16V	6800uF	16 x 35.5	7.5	2.38	1.80	1.36	1.02
647-UVZ1C103MHH	16V	10000uF	18 x 35	7.5	3.49	2.64	1.99	1.49
647-UVZ1E470MDH	25V	47uF	5 x 11	2.0	.23	.15	.11	.07
647-UVZ1E101MEH	25V	100uF	6.3 x 11	2.5	.29	.20	.14	.10
647-UVZ1E221MPH	25V	220uF	8 x 11	3.5	.39	.29	.20	.15
647-UVZ1E331MPH	25V	330uF	10 x 12.5	5.0	.48	.35	.25	.18
647-UVZ1E471MPH	25V	470uF	10 x 12.5	5.0	.57	.43	.31	.23
647-UVZ1E102MPH	25V	1000uF	10 x 20	5.0	.92	.68	.50	.36
647-UVZ1E222MHH	25V	2200uF	12.5 x 25	5.0	1.39	1.04	.78	.55
647-UVZ1E332MHH	25V	3300uF	16 x 25	7.5	1.72	1.30	.98	.74
647-UVZ1E472MHH	25V	4700uF	16 x 31.5	7.5	2.52	1.91	1.44	1.08
647-UVZ1E682MHH	25V	6800uF	18 x 35.5	7.5	3.64	2.76	2.08	1.56
647-UVZ1V350MDH	35V	33uF	5 x 11	2.0	.23	.15	.11	.07
647-UVZ1V470MDH	35V	47uF	5 x 11	2.0	.26	.17	.12	.08
647-UVZ1V101MEH	35V	100uF	6.3 x 11	2.5	.32	.24	.17	.12
647-UVZ1V221MPH	35V	220uF	10 x 12.5	5.0	.48	.35	.25	.18
647-UVZ1V331MPH	35V	330uF	10 x 12.5	5.0	.57	.43	.31	.23
647-UVZ1V471MPH	35V	470uF	10 x 16	5.0	.71	.53	.39	.28
647-UVZ1V102MHH	35V	1000uF	12.5 x 20	5.0	1.16	.87	.65	.46
647-UVZ1V222MHH	35V	2200uF	16 x 25	7.5	1.81	1.37	1.03	.77
647-UVZ1V332MHH	35V	3300uF	16 x 35.5	7.5	2.57	1.94	1.47	1.10
647-UVZ1V472MHH	35V	4700uF	18 x 35.5	7.5	3.85	2.92	2.20	1.65
647-UVZ1H0R1MDH	50V	.1uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1HR22MDH	50V	.22uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1HR33MDH	50V	.33uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1HR47MDH	50V	.47uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1H010MDH	50V	1uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1H2R2MDH	50V	2.2uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1H3R3MDH	50V	3.3uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1H4R7MDH	50V	4.7uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1H100MDH	50V	10uF	5 x 11	2.0	.27	.17	.11	.08
647-UVZ1H220MDH	50V	22uF	5 x 11	2.0	.23	.15	.11	.07
647-UVZ1H330MDH	50V	33uF	5 x 11	2.0	.26	.17	.12	.08
647-UVZ1H470MEH	50V	47uF	6.3 x 11	2.5	.30	.21	.14	.10
647-UVZ1H101MPH	50V	100uF	8 x 11.5	3.5	.39	.29	.20	.15
647-UVZ1H221MPH	50V	220uF	10 x 12.5	5.0	.57	.43	.31	.23
647-UVZ1H331MPH	50V	330uF	10 x 16	5.0	.76	.57	.42	.30
647-UVZ1H471MHH	50V	470uF	12.5 x 20	5.0	.99	.73	.54	.39
647-UVZ1H102MHH	50V	1000uF	12.5 x 25	5.0	1.53	1.15	.86	.61
647-UVZ1H222MHH	50V	2200uF	16 x 35.5	7.5	2.57	1.94	1.47	1.10
647-UVZ1H332MHH	50V	3300uF	18 x 35.5	7.5	4.19	2.98	2.25	1.69
647-UVZ1J100MDH	63V	10uF	5 x 11	2.0	.25	.17	.12	.08
647-UVZ1J220MDH	63V	22uF	5 x 11	2.0	.26	.17	.12	.08
647-UVZ1J330MEH	63V	33uF	6.3 x 11	2.5	.33	.22	.16	.11
647-UVZ1J470MEH	63V	47uF	6.3 x 11	2.5	.35	.26	.19	.13
647-UVZ1J101MPH	63V	100uF	10 x 12.5	5.0	.49	.36	.26	.19
647-UVZ1J221MPH	63V	220uF	10 x 16	5.0	.75	.56	.41	.30
647-UVZ1J331MPH	63V	330uF	10 x 20	5.0	.99	.74	.54	.39
647-UVZ1J471MHH	63V	470uF	12.5 x 20	5.0	1.23	.92	.69	.49
647-UVZ1J102MHH	63V	1000uF	16 x 25	7.5	1.99	1.50	1.13	.85
647-UVZ1J222MHH	63V	2200uF	18 x 35.5	7.5	4.03	3.05	2.30	1.73
647-UVZ2AR47MDH	100V	.47uF	5 x 11	2.0	.24	.16	.11	.08
647-UVZ2A010MDH	100V	1uF	5 x 11	2.0	.24	.16	.11	.08
647-UVZ2A2R2MDH	100V	2.2uF	5 x 11	2.0	.25	.17	.12	.08
647-UVZ2A3R3MDH	100V	3.3uF	5 x 11	2.0	.25	.17	.12	.08
647-UVZ2A4R7MDH	100V	4.7uF	5 x 11	2.0	.25	.17	.12	.08
647-UVZ2A100MEH	100V	10uF	6.3 x 11	2.5	.32	.22	.16	.11
647-UVZ2A220MEH	100V	22uF	6.3 x 11	2.5	.37	.28	.20	.14
647-UVZ2A330MPH	100V	33uF	8 x 11.5	3.5	.47	.35	.25	.18
647-UVZ2A470MPH	100V	47uF	10 x 12.5	5.0	.58	.42	.30	.22
647-UVZ2A101MPH	100V	100uF	10 x 20	5.0	.91	.68	.50	.36
647-UVZ2A221MHH	100V	220uF	12.5 x 25	5.0	1.38	1.03	.78	.55
647-UVZ2A331MHH	100V	330uF	12.5 x 25	5.0	1.88	1.41	1.06	.75
647-UVZ2A471MHH	100V	470uF	16 x 25	7.5	2.39	1.81	1.37	1.02
647-UVZ2A102MHH	100V	1000uF	18 x 40	7.5	4.86	3.68	2.78	2.08
647-UVZ2C010MEH	160V	1uF	6.3 x 11	2.5	.38	.28	.20	.15
647-UVZ2C2R2MEH	160V	2.2uF	6.3 x 11	2.5	.43	.32	.23	.16
647-UVZ2C3R3MEH	160V	3.3uF	6.3 x 11	2.5	.46	.34	.24	.17
647-UVZ2C4R7MEH	160V	4.7uF	6.3 x 11	2.5	.50	.37	.26	.19
647-UVZ2C100MPH	160V	10uF	8 x 11.5	3.5	.59	.44	.32	.23
647-UVZ2C220MPH	160V	22uF	10 x 16	5.0	.83	.62	.45	.33
647-UVZ2C330MPH	160V	33uF	10 x 20	5.0	.95	.72	.54	.38
647-UVZ2C470MHH	160V	47uF	12.5 x 20	5.0	1.24	.93	.70	.50
647-UVZ2C101MHH	160V	100uF	12.5 x 25	5.0	1.84	1.38	1.03	.74
647-UVZ2C221MHH	160V	220uF	16 x 35.5	7.5	2.75	2.07	1.57	1.17
647-UVZ2C331MHH	160V	330uF	18 x 40	7.5	4.12	3.12	2.35	1.77
647-UVZ2D010MEH	200V	1uF	6.3 x 11	2.5	.46	.34	.24	.17
647-UVZ2D2R2MEH	200V	2.2uF	6.3 x 11	2.5	.48	.35	.25	.18
647-UVZ2D3R3MPH	200V	3.3uF	6.3 x 11	3.5	.53	.40	.29	.21
647-UVZ2D4R7MPH	200V	4.7uF	8 x 11.5	3.5	.62	.46	.34	.24
647-UVZ2D100MPH	200V	10uF	10 x 12.5	5.0	.82	.61	.45	.32
647-UVZ2D220MHH	200V	22uF	10 x 20	5.0	1.09	.82	.62	.44
647-UVZ2D330MHH	200V	33uF	12.5 x 20	5.0	1.33	1.00	.75	.53
647-UVZ2D470MHH	200V	47uF	12.5 x 20	5.0	1.75	1.31	.98	.70
647-UVZ2D101MHH	200V	100uF	16 x 31.5	7.5	2.67	2.02	1.52	1.14
647-UVZ2W010MPH	450V	1uF	8 x 11.5	3.5	.64	.47	.35	.25
647-UVZ2W2R2MPH	450V	2.2uF	10 x 12.5	5.0	.71	.53	.39	.28
647-UVZ2W3R3MPH	450V	3.3uF	10 x 16	5.0	.94	.70	.51	.37
647-UVZ2W4R7MPH	450V	4.7uF	10 x 20	5.0	1.22	.91	.68	.49
647-UVZ2W100MHH	450V	10uF	12.5 x 20	5.0	1.65	1.24	.93	.66
647-UVZ2W220MHH	450V	22uF	16 x 25	7.5	2.24	1.69	1.28	.96
647-UVZ2W330MHH	450V	33uF	16 x 35.5	7.5	3.02	2.28	1.72	1.29

RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Specifications:

- Operating temperature range:
  10V to 250V: -40°C to +85°C
  350V to 450V: -25°C to +85°C
- Dissipation factor: (Tan δ, @ 20°C,120Hz)
  (Tangent of the loss angle): see chart
- Tolerance: ±20%

DIMENSIONS (mm)



Application Note:

A higher voltage capacitor may be used in a lower voltage application.

5mm to 13mm Diameter available packaged in Tape and Box. To order Tape and Box, add - TB to Mouser Stock No.

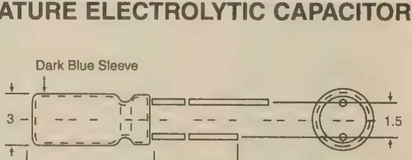
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
					1	10	100	500
140-XRL10V10	10	10	5 x 11	2.0	.05	.04	.035	.027
140-XRL10V22	10	22	5 x 11	2.0	.05	.04	.035	.027
140-XRL10V47	10	47	5 x 11	2.0	.05	.04	.035	.027
140-XRL10V100	10	100	5 x 11	2.0	.05	.04	.039	.033
140-XRL10V220	10	220	6.3 x 11	2.5	.06	.05	.045	.038
140-XRL10V330	10	330	8 x 11	3.5	.09	.08	.065	.052
140-XRL10V470	10	470	8 x 11	3.5	.10	.09	.073	.059
140-XRL10V1000	10	1000	10 x 13	5.0	.15	.13	.11	.097
140-XRL10V2200	10	2200	13 x 21	5.0	.31	.28	.24	.21
140-XRL10V3300	10	3300	13 x 26	5.0	.35	.31	.27	.24
140-XRL10V4700	10	4700	16 x 27	7.5	.55	.49	.43	.37
140-XRL10V6800	10	6800	16 x 36	7.5	.71	.63	.55	.47
140-XRL10V10000	10	10000	18 x 41	7.5	1.10	.98	.86	.74
140-XRL16V2.2	16	2.2	5 x 11	2.0	.05	.04	.035	.027
140-XRL16V3.3	16	3.3	5 x 11	2.0	.05	.04	.035	.027
140-XRL16V4.7	16	4.7	5 x 11	2.0	.05	.04	.035	.027
140-XRL16V10	16	10	5 x 11	2.0	.05	.04	.035	.027
140-XRL16V22	16	22	5 x 11	2.0	.05	.04	.035	.027
140-XRL16V33	16	33	5 x 11	2.0	.05	.04	.035	.027
140-XRL16V47	16	47	5 x 11	2.0	.05	.04	.035	.027
140-XRL16V100	16	100	6.3 x 11	2.5	.06	.05	.049	.043
140-XRL16V220	16	220	8 x 11	3.5	.09	.08	.071	.062
140-XRL16V330	16	330	8 x 11	3.5	.09	.08	.071	.062
140-XRL16V470	16	470	10 x 13	5.0	.14	.12	.10	.083
140-XRL16V680	16	680	10 x 16	5.0	.19	.17	.15	.13
140-XRL16V1000	16	1000	10 x 16	5.0	.19	.17	.15	.13
140-XRL16V1500	16	1500	13 x 21	5.0	.31	.28	.24	.21
140-XRL16V2200	16	2200	13 x 21	5.0	.35	.31	.27	.24
140-XRL16V3300	16	3300	16 x 27	7.5	.56	.50	.44	.37
140-XRL16V4700	16	4700	16 x 32	7.5	.69	.61	.53	.45
140-XRL16V6800	16	6800	16 x 32	7.5	1.16	1.03	.90	.77
140-XRL16V10000	16	10000	18 x 36	7.5	1.41	1.26	1.10	.94
140-XRL25V0.47	25	.47	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V1.0	25	1.0	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V2.2	25	2.2	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V4.7	25	4.7	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V10	25	10	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V22	25	22	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V33	25	33	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V47	25	47	5 x 11	2.0	.05	.04	.035	.027
140-XRL25V100	25	100	6.3 x 11	2.5	.07	.06	.047	.035
140-XRL25V220	25	220	8 x 11	3.5	.10	.09	.073	.060
140-XRL25V330	25	330	10 x 16	5.0	.14	.12	.10	.080
140-XRL25V470	25	470	10 x 16	5.0	.14	.13	.11	.097
140-XRL25V1000	25	1000	13 x 21	5.0	.31	.28	.24	.21
140-XRL25V2200	25	2200	16 x 27	7.5	.56	.50	.44	.37
140-XRL25V3300	25	3300	16 x 32	7.5	.84	.75	.65	.56
140-XRL25V4700	25	4700	18 x 37	7.5	1.05	.92	.79	.66
140-XRL25V6800	25	6800	22 x 41	10	1.41	1.26	1.10	.94
140-XRL25V10000	25	10000	25 x 41	12.5	2.64	2.35	2.05	1.76
140-XRL35V4.7	35	4.7	5 x 11	2.0	.05	.04	.035	.027
140-XRL35V10	35	10	5 x 11	2.0	.05	.04	.035	.027
140-XRL35V22	35	22	5 x 11	2.0	.05	.04	.035	.027
140-XRL35V33	35	33	6.3 x 11	2.5	.06	.05	.038	.027
140-XRL35V47	35	47	6.3 x 11	2.5	.07	.06	.053	.045
140-XRL35V100	35	100	8 x 11	3.5	.09	.08	.071	.062
140-XRL35V220	35	220	10 x 13	5.0	.13	.12	.10	.092
140-XRL35V330	35	330	10 x 20	5.0	.15	.13	.11	.097
140-XRL35V470	35	470	10 x 20	5.0	.21	.19	.16	.14
140-XRL35V680	35	680	13 x 26	5.0	.38	.34	.29	.25
140-XRL35V1000	35	1000	13 x 26	5.0	.41	.36	.31	.26
140-XRL35V2200	35	2200	16 x 32	7.5	.69	.62	.55	.48
140-XRL35V3300	35	3300	18 x 37	7.5	1.05	.92	.79	.67
140-XRL35V4700	35	4700	18 x 36	7.5	1.41	1.30	1.19	1.08
140-XRL35V6800	35	6800	22 x 41	10	2.64	2.35	2.05	1.76
140-XRL50V0.22	50	.22	5 x 11	2.0	.05	.04	.035	.027
140-XRL50V.47	50	.47	5 x 11	2.0	.05	.04	.035	.027
140-XRL50V1.0	50	1.0	5 x 11	2.0	.05	.04	.035	.027
140-XRL50V2.2	50	2.2	5 x 11	2.0	.05	.04	.035	.027
140-XRL50V3.3	50	3.3	5 x 11	2.0	.05	.04	.035	.027
140-XRL50V4.7	50	4.7	5 x 11	2.0	.05	.04	.035	.027
140-XRL50V10	50	10	5 x 11	2.0	.05	.04	.035	.027
140-XRL50V15	50	15	5 x 11	2.0	.05	.04	.038	.032
140-XRL50V22	50	22	6.3 x 11	2.5	.05	.04	.038	.032
140-XRL50V33	50	33	6.3 x 11	2.5	.07	.06	.055	.047
140-XRL50V47	50	47	8 x 11	3.5	.07	.06	.055	.047
140-XRL50V100	50	100	8 x 11	3.5	.09	.08	.067	.056
140-XRL50V220	50	220	10 x 16	5.0	.17	.15	.13	.11
140-XRL50V330	50	330	13 x 21	5.0	.23	.21	.18	.16
140-XRL50V470	50	470	13 x 21	5.0	.37	.33	.29	.25
140-XRL50V1000	50	1000	16 x 27	7.5	.58	.51	.45	.38
140-XRL50V2200	50	2200	18 x 41	7.5	.98	.87	.76	.65
140-XRL50V3300	50	3300	22 x 41	10	2.27	2.02	1.76	1.51
140-XRL50V4700	50	4700	25 x 41	12.5	2.64	2.35	2.05	1.76
140-XRL63V1.0	63	1.0	5 x 11	2.0	.05	.04	.035	.027
140-XRL63V2.2	63	2.2	5 x 11	2.0	.05	.04	.035	.027
140-XRL63V4.7	63	4.7	5 x 11	2.0	.05	.04	.035	.027
140-XRL63V6.8	63	6.8	5 x 11	2.0	.05	.04	.035	.027
140-XRL63V10	63	10	5 x 11	2.0	.06	.05	.042	.033
140-XRL63V22	63	22	6.3 x 11	2.5	.07	.06	.048	.037
140-XRL63V33	63	33	8 x 11	3.5	.07	.06	.055	.047
140-XRL63V47	63	47	8 x 11	3.5	.09	.08	.067	.056
140-XRL63V68	63	68	10 x 16	5.0	.12	.11	.097	.086
140-XRL63V100	63	100	10 x 13	5.0	.12	.11	.097	.086
140-XRL63V220	63	220	10 x 20	5.0	.24	.21	.19	.16
140-XRL63V470	63	470	16 x 27	7.5	.45	.40	.35	.30
140-XRL63V1000	63	1000	16 x 32	7.5	.81	.72	.63	.54
140-XRL63V2200	63	2200	22 x 41	10	1.42	1.26	1.10	.95
140-XRL100V0.1	100	.1	5 x 11	2.0	.05	.04	.039	.033
140-XRL100V0.47	100	.47	5 x 11	2.0	.05	.04	.039	.033
140-XRL100V1.0	100	1.0	5 x 11	2.0	.05	.04	.039	.033
140-XRL100V2.2	100	2.2	5 x 11	2.0	.05	.04	.039	.033
140-XRL100V3.3	100	3.3	5 x 11	2.0	.05	.04	.039	.033
140-XRL100V4.7	100	4.7	5 x 11	2.0	.06	.05	.042	.033
140-XRL100V10	100	10	6.3 x 11	2.5	.07	.06	.048	.037
140-XRL100V22	100	22	8 x 11	3.5	.09	.08	.070	.060
140-XRL100V33	100	33	10 x 16	5.0	.14	.12	.10	.085
140-XRL100V47	100	47	10 x 16	5.0	.18	.16	.14	.11
140-XRL100V100	100	100	10 x 20	5.0	.30	.27	.23	.20
140-XRL100V220	100	220	13 x 21	5.0	.56	.50	.44	.37
140-XRL100V330	100	330	16 x 32	7.5	.65	.58	.51	.44
140-XRL100V470	100	470	18 x 37	7.5	.86	.76	.67	.57
140-XRL160V1.0	160	1.0	5 x 11	2.0	.06	.05	.048	.042
140-XRL160V2.2	160	2.2	6.3 x 11	2.5	.08	.07	.061	.052
140-XRL160V3.3	160	3.3	8 x 12	3.5	.08	.07	.063	.054
140-XRL160V4.7	160	4.7	8 x 13	3.5	.09	.08	.071	.062
140-XRL160V10	160	10	10 x 16	5.0	.15	.13	.12	.098
140-XRL160V22	160	22	10 x 21	5.0	.20	.17	.15	.12
140-XRL160V33	160	33	13 x 21	5.0	.25	.22	.20	.17
140-XRL160V47	160	47	13 x 26	5.0	.37	.33	.29	.25
140-XRL160V100	160	100	16 x 27	7.5	.60	.53	.46	.39
140-XRL160V220	160	220	18 x 41	7.5	1.24	1.10	.96	.83
140-XRL160V330	160	330	22 x 41	10	1.71	1.52	1.32	1.13
140-XRL250V1.0	250	1.0	6.3 x 11	2.5	.08	.07	.064	.056
140-XRL250V2.2	250	2.2	8 x 13	3.5	.11	.10	.084	.071
140-XRL250V3.3	250	3.3	10 x 13	5.0	.13	.11	.094	.077
140-XRL250V4.7	250	4.7	8 x 14	5.0	.14	.12	.10	.087
140-XRL250V6.8	250	6.8	10 x 16	5.0	.18	.16	.13	.11
140-XRL250V10	250	10	10 x 20	5.0	.19	.17	.14	.12
140-XRL250V22	250	22	13 x 26	5.0	.41	.36	.32	.27
140-XRL250V33	250	33	13 x 26	5.0	.47	.42	.36	.31
140-XRL250V47	250	47	16 x 26	7.5	.61	.54	.47	.41
140-XRL250V100	250	100	16 x 36	7.5	1.29	1.15	1.00	.86
140-XRL250V220	250	220	22 x 41	10	2.82	2.51	2.19	1.88
140-XRL350V1.0	350	1.0	8 x 13	3.5	.18	.16	.14	.12
140-XRL350V2.2	350	2.2	10 x 12	5.0	.19	.17	.15	.13
140-XRL350V3.3	350	3.3	10 x 16	5.0	.21	.19	.16	.14
140-XRL350V4.7	350	4.7	10 x 20	5.0	.25	.22	.20	.17
140-XRL350V10	350	10	13 x 21	5.0	.27	.24	.21	.18
140-XRL350V22	350	22	13 x 26	5.0	.49	.44	.38	.33
140-XRL350V33	350	33	16 x 25	7.5	.77	.69	.60	.52
140-XRL350V47	350	47	16 x 33	7.5	.96	.85	.74	.64
140-XRL350V100	350	100	22 x 41	10	2.16	1.92	1.68	1.44
140-XRL450V1.0	450	1.0	8 x 12	5.0	.21	.19	.16	.14
140-XRL450V2.2	450	2.2	10 x 15	5.0	.26	.23	.20	.17
140-XRL450V3.3	450	3.3	10 x 20	5.0	.34	.30	.26	.22
140-XRL450V4.7	450	4.7	13 x 21	5.0	.45	.40	.35	.30
140-XRL450V10	450	10	13 x 26	5.0	.49	.44	.38	.33
140-XRL450V22	450	22	16 x 26	7.5	.62	.55	.48	.41
140-XRL450V33	450	33	18 x 36	7.5	1.16	1.03	.90	.77
140-XRL450V47	450	47	22 x 41	10	1.85	1.65	1.44	1.23
140-XRL450V100	450	100	25 x 50	12.5	3.58	3.19	2.78	2.38

3mm x 5mm ULTRA-MINIATURE ELECTROLYTIC CAPACITORS

Specifications:

- Operating temperature range:
  -40°C to +85°C
- Capacitance tolerance: ±20%
  (@ 20°C, 120Hz)
- Leakage current: I = 0.01 CV or 3 (µA), whichever is greater



DIMENSIONS (mm)

MOUSER STOCK NO.	WVDC	Value (µF)	Price Each			
			1	100	500	1000
140-L10V10	10	10	.09	.081	.071	.062
140-L16V4.7	16	4.7	.09	.081	.071	.062
140-L25V3.3	25	3.3	.09	.081	.071	.062
140-L35V2.2	35	2.2	.09	.081	.071	.062
140-L50V.1	50	.1	.09	.081	.071	.062
140-L50V.22	50	.22	.09	.081	.071	.062
140-L50V.33	50	.33	.09	.081	.071	.062
140-L50V.47	50	.47	.09	.081	.071	.062
140-L50V1.0	50	1	.09	.081	.071	.062

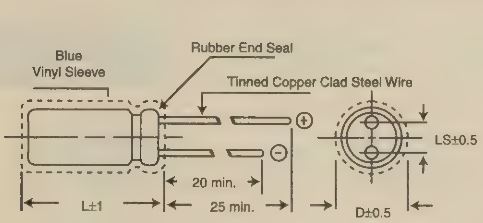
XICON™ Passive Components

Sub-Miniature and Low Leakage Electrolytic Capacitors

SUB-MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

Specifications:
- Meets tight board space requirements
- Capacitance tolerance: ±20%
- Operating temperature range: -40°C to +85°C
- DC leakage current: (after 3 minutes application of DC working voltage at 25°C) I = 0.02CV +3µA max

Application Note:
A higher voltage capacitor may be used in a lower voltage application.



DIMENSIONS (mm)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
				1	100	500	1000
10 Volt (13V Surge)							
140-MLRL10V22	22	4 x 7	1.5	.08	.062	.057	.038
140-MLRL10V33	33	4 x 7	1.5	.08	.062	.057	.038
140-MLRL10V47	47	5 x 7	2.0	.10	.074	.067	.045
140-MLRL10V100	100	6.3 x 7	2.5	.12	.087	.079	.053
140-MLRL10V220	220	8 x 7	3.5	.17	.12	.11	.075
16 Volt (20V Surge)							
140-MLRL16V10	10	4 x 7	1.5	.08	.062	.057	.038
140-MLRL16V22	22	4 x 7	1.5	.08	.062	.057	.038
140-MLRL16V33	33	5 x 7	2.0	.10	.074	.067	.045
140-MLRL16V47	47	6.3 x 7	2.5	.12	.087	.079	.053
140-MLRL16V100	100	6.3 x 7	2.5	.13	.099	.090	.060
25 Volt (32V Surge)							
140-MLRL25V33	33	6.3 x 7	2.5	.12	.087	.079	.053

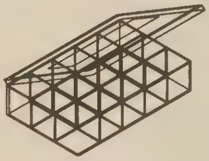
MOUSER STOCK NO.	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
				1	100	500	1000
35 Volt (44V Surge)							
140-MLRL35V4.7	4.7	4 x 7	1.5	.08	.062	.057	.038
140-MLRL35V10	10	5 x 7	2.0	.10	.074	.067	.045
140-MLRL35V22	22	6.3 x 7	2.5	.12	.087	.079	.053
50 Volt (63V Surge)							
140-MLRL50V.1	.1	4 x 7	1.5	.08	.062	.057	.038
140-MLRL50V.22	.22	4 x 7	1.5	.08	.062	.057	.038
140-MLRL50V.33	.33	4 x 7	1.5	.08	.062	.057	.038
140-MLRL50V.47	.47	4 x 7	1.5	.08	.062	.057	.038
140-MLRL50V1.0	1.0	4 x 7	1.5	.08	.062	.057	.038
140-MLRL50V2.2	2.2	4 x 7	1.5	.08	.062	.057	.038
140-MLRL50V3.3	3.3	4 x 7	1.5	.08	.062	.057	.038
140-MLRL50V4.7	4.7	5 x 7	2.0	.10	.074	.067	.045
140-MLRL50V10	10	6.3 x 7	2.5	.12	.087	.079	.053

SUB-MINIATURE ALUMINUM ELECTROLYTIC CAPACITOR KIT

MOUSER STOCK NO.	Kit Contains:	Price Each
370-140MLR-1	**10 each:** .1µF, .22µF, .33µF, .47µF, 1.0µF, 2.2µF, 3.3µF, 4.7µF, 10µF (50V), 4.7µF, 22µF (35V), 33µF (25V), 47µF, 100µF (16V), 220µF (10V)	**49.95**

- Radial lead
- 150 pieces
- 15 different values
- Fully assembled and keyed for easy use

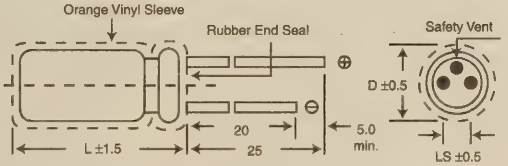
- .1µF - 220µF
- ±20%
- -40°C to +85°C



LOW LEAKAGE CURRENT ELECTROLYTICS

Electrical Specifications:
- DC leakage current: I=0.002CV or 0.4µA whichever is greater
- Operating temperature range: -40°C to +85°C
- Capacitance tolerance: ±20%

Application Note:
A higher voltage capacitor may be used in a lower voltage application.



DIMENSIONS (mm)

Industry Cross Reference

Xicon LLRL	Sprague 513D	Panasonic Z series	Mallory VTL

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
				1	100	500	1000
10 Volt (13V Surge)							
140-LLRL10V47	47	5 x 11	2.0	.22	.11	.09	.07
140-LLRL10V100	100	6.3 x 11	2.5	.24	.12	.10	.09
140-LLRL10V220	220	8 x 11	3.5	.34	.17	.14	.12
140-LLRL10V330	330	8 x 13	3.5	.33	.22	.18	.16
140-LLRL10V470	470	10 x 13	5.0	.39	.26	.22	.18
140-LLRL10V1000	1000	10 x 20	5.0	.63	.43	.35	.29
140-LLRL10V2200	2200	13 x 21	5.0	1.02	.77	.64	.53
140-LLRL10V3300	3300	13 x 26	5.0	1.29	1.07	.92	.75
140-LLRL10V4700	4700	16 x 27	7.5	1.47	1.22	1.02	.85
16 Volt (20V Surge)							
140-LLRL16V10	10	5 x 11	2.0	.22	.11	.09	.07
140-LLRL16V22	22	5 x 11	2.0	.20	.10	.08	.07
140-LLRL16V33	33	5 x 11	2.0	.20	.10	.08	.07
140-LLRL16V47	47	5 x 11	2.5	.24	.12	.10	.08
140-LLRL16V100	100	8 x 11	2.5	.34	.17	.14	.12
140-LLRL16V220	220	10 x 13	3.5	.35	.23	.19	.16
140-LLRL16V330	330	10 x 16	5.0	.39	.26	.22	.18
140-LLRL16V470	470	13 x 21	5.0	.49	.33	.28	.23
140-LLRL16V1000	1000	13 x 27	5.0	.77	.52	.43	.36
140-LLRL16V2200	2200	16 x 27	7.5	1.26	.84	.70	.58
140-LLRL16V3300	3300	16 x 27	7.5	1.56	1.30	1.08	.90
25 Volt (32V Surge)							
140-LLRL25V100	100	8 x 11	3.5	.35	.18	.15	.13
140-LLRL25V220	220	10 x 13	5.0	.42	.28	.23	.20
140-LLRL25V330	330	10 x 20	5.0	.58	.39	.32	.27
140-LLRL25V470	470	10 x 20	5.0	.70	.46	.39	.32
140-LLRL25V1000	1000	13 x 26	5.0	1.05	.81	.67	.56
140-LLRL25V2200	2200	16 x 32	7.5	1.67	1.34	1.12	.93

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
				1	100	500	1000
35 Volt (44V Surge)							
140-LLRL35V4.7	4.7	5 x 11	2.0	.22	.11	.09	.07
140-LLRL35V10	10	5 x 11	2.0	.22	.11	.09	.07
140-LLRL35V22	22	6.3 x 11	2.5	.24	.12	.10	.08
140-LLRL35V33	33	6.3 x 11	2.5	.28	.14	.11	.09
140-LLRL35V47	47	8 x 11	3.5	.34	.17	.14	.12
140-LLRL35V100	100	8 x 13	3.5	.35	.23	.20	.16
140-LLRL35V220	220	10 x 16	5.0	.58	.38	.32	.27
140-LLRL35V330	330	13 x 21	5.0	.65	.50	.42	.35
140-LLRL35V470	470	13 x 26	5.0	.82	.62	.52	.43
140-LLRL35V1000	1000	16 x 27	7.5	1.18	.91	.75	.63
140-LLRL35V2200	2200	18 x 37	7.5	2.23	1.71	1.55	1.42
50 Volt (63V Surge)							
140-LLRL50V0.47	0.47	5 x 11	2.0	.22	.11	.09	.07
140-LLRL50V1.0	1.0	5 x 11	2.0	.22	.11	.09	.07
140-LLRL50V2.2	2.2	5 x 11	2.0	.22	.11	.09	.07
140-LLRL50V3.3	3.3	5 x 11	2.0	.22	.11	.09	.07
140-LLRL50V4.7	4.7	5 x 11	2.0	.22	.11	.09	.07
140-LLRL50V10	10	6.3 x 11	2.5	.24	.12	.10	.08
140-LLRL50V22	22	6.3 x 11	2.5	.32	.16	.13	.11
140-LLRL50V33	33	8 x 11	3.5	.36	.18	.15	.13
140-LLRL50V47	47	8 x 13	3.5	.38	.23	.19	.16
140-LLRL50V100	100	10 x 16	5.0	.64	.36	.24	.20
140-LLRL50V220	220	13 x 21	5.0	.68	.53	.44	.36
140-LLRL50V330	330	13 x 26	5.0	.92	.71	.60	.49
140-LLRL50V470	470	16 x 27	7.5	.97	.75	.62	.52
140-LLRL50V1000	1000	16 x 36	7.5	1.95	1.63	1.36	1.10

XICON Passive Components High Temperature Electrolytic Capacitors

105°C HIGH TEMPERATURE ELECTROLYTICS

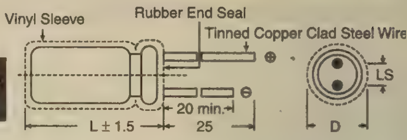
Electrical Specifications:

- Operating temperature range: -40°C to +105°C
- DC leakage current: I=0.01CV or 3μA max.
- Capacitance tolerance: ±20%

Application Note:

A higher voltage capacitor may be used in a lower voltage application.

5mm to 13mm Diameter available packaged in Tape and Box. To order Tape and Box, add - TB to Mouser Stock No.



DIMENSIONS (mm)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
				1	10	100	500
10 Volt (13V Surge)							
140-HTRL10V100	100	5 x 11	2.0	.06	.05	.043	.035
140-HTRL10V680	680	10 x 16	5.0	.15	.14	.12	.11
16 Volt (20V Surge)							
140-HTRL16V22	22	5 x 11	2.0	.06	.05	.039	.029
140-HTRL16V47	47	5 x 11	2.0	.06	.05	.041	.032
140-HTRL16V100	100	6.3 x 11	2.5	.07	.06	.052	.046
140-HTRL16V220	220	8 x 11	3.5	.09	.08	.075	.065
140-HTRL16V330	330	8 x 13	3.5	.10	.09	.080	.070
140-HTRL16V470	470	10 x 13	5.0	.14	.13	.11	.10
140-HTRL16V680	680	10 x 20	5.0	.20	.18	.16	.14
140-HTRL16V1000	1000	10 x 20	5.0	.21	.19	.17	.15
140-HTRL16V2200	2200	13 x 26	5.0	.44	.39	.34	.29
140-HTRL16V4700	4700	16 x 36	7.5	.85	.76	.67	.59
25 Volt (32V Surge)							
140-HTRL25V10	10	5 x 11	2.0	.06	.05	.039	.029
140-HTRL25V22	22	5 x 11	2.0	.06	.05	.039	.029
140-HTRL25V33	33	5 x 11	2.0	.06	.05	.041	.032
140-HTRL25V47	47	6.3 x 11	2.5	.07	.06	.050	.040
140-HTRL25V100	100	6.3 x 11	2.5	.07	.06	.051	.042
140-HTRL25V220	220	8 x 13	3.5	.11	.09	.080	.066
140-HTRL25V330	330	10 x 13	5.0	.15	.13	.12	.10
140-HTRL25V470	470	10 x 20	5.0	.18	.16	.14	.12
140-HTRL25V1000	1000	13 x 21	5.0	.33	.29	.26	.23
140-HTRL25V2200	2200	16 x 27	7.5	.62	.56	.49	.43
35 Volt (44V Surge)							
140-HTRL35V10	10	5 x 11	2.0	.06	.05	.039	.029
140-HTRL35V22	22	5 x 11	2.0	.06	.05	.042	.033
140-HTRL35V33	33	6.3 x 11	2.5	.07	.06	.048	.037
140-HTRL35V47	47	6.3 x 11	2.5	.07	.06	.054	.048
140-HTRL35V100	100	8 x 11	3.5	.09	.08	.074	.065
140-HTRL35V220	220	10 x 12	5.0	.15	.13	.12	.10
140-HTRL35V330	330	10 x 20	5.0	.18	.16	.14	.12
140-HTRL35V470	470	10 x 16	5.0	.25	.22	.19	.16
140-HTRL35V1000	1000	13 x 26	5.0	.45	.41	.36	.32
50 Volt (63V Surge)							
140-HTRL50V1.0	1.0	5 x 11	2.0	.06	.05	.039	.029
140-HTRL50V2.2	2.2	5 x 11	2.0	.06	.05	.039	.029
140-HTRL50V4.7	4.7	5 x 11	2.0	.06	.05	.039	.029
140-HTRL50V10	10	5 x 11	2.0	.06	.05	.041	.032
140-HTRL50V22	22	6.3 x 11	2.5	.07	.06	.049	.038
140-HTRL50V33	33	6.3 x 11	2.5	.07	.06	.053	.045

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Value (μF)	Case Size D x L (mm) Max.	LS (mm)	Price Each			
				.1	10	100	500
50 Volt (63V Surge) cont.							
140-HTRL50V47	47	8 x 11	3.5	.11	.10	.081	.066
140-HTRL50V100	100	8 x 13	3.5	.11	.10	.081	.066
140-HTRL50V150	150	10 x 20	5.0	.17	.15	.13	.10
140-HTRL50V220	220	10 x 20	5.0	.18	.16	.14	.12
140-HTRL50V330	330	13 x 21	5.0	.28	.25	.22	.19
140-HTRL50V470	470	13 x 26	5.0	.34	.30	.26	.23
140-HTRL50V1000	1000	16 x 32	7.5	.75	.67	.58	.50
140-HTRL50V2200	2200	18 x 41	7.5	1.28	1.14	.99	.85
63 Volt (79V Surge)							
140-HTRL63V2.2	2.2	5 x 11	2.0	.06	.05	.039	.029
140-HTRL63V3.3	3.3	5 x 11	2.0	.06	.05	.039	.029
140-HTRL63V4.7	4.7	5 x 11	2.0	.06	.05	.039	.029
140-HTRL63V100	100	10 x 12	5.0	.15	.13	.12	.10
140-HTRL63V1000	1000	16 x 37	7.5	1.39	1.25	1.11	.97
100 Volt (125V Surge)							
140-HTRL100V.47	.47	5 x 11	2.0	.07	.06	.049	.039
140-HTRL100V1.0	1.0	5 x 11	2.0	.07	.06	.049	.039
140-HTRL100V4.7	4.7	6.3 x 11	2.5	.07	.06	.051	.042
140-HTRL100V10	10	8 x 11	3.5	.09	.08	.068	.058
140-HTRL100V22	22	8 x 11	3.5	.10	.09	.077	.063
140-HTRL100V47	47	10 x 16	5.0	.18	.16	.14	.12
140-HTRL100V100	100	13 x 21	5.0	.35	.31	.27	.24
140-HTRL100V470	470	18 x 37	7.5	1.12	.99	.87	.74
140-HTRL100V680	680	18 x 37	7.5	1.74	1.56	1.38	1.21
160 Volt (200V Surge)							
140-HTRL160V1.0	1.0	5 x 11	2.0	.08	.07	.059	.048
140-HTRL160V2.2	2.2	6.3 x 11	2.5	.10	.09	.071	.057
140-HTRL160V4.7	4.7	6.3 x 11	2.5	.11	.10	.082	.067
140-HTRL160V10	10	10 x 12.5	5.0	.15	.13	.12	.099
140-HTRL160V22	22	10 x 20	5.0	.28	.25	.22	.19
140-HTRL160V47	47	13 x 21	5.0	.48	.43	.38	.33
140-HTRL160V100	100	16 x 21	7.5	.64	.58	.51	.45
250 Volt (300V Surge)							
140-HTRL250V1.0	1.0	6.3 x 11	2.5	.08	.07	.060	.050
140-HTRL250V2.2	2.2	6.3 x 11	2.5	.12	.10	.086	.070
140-HTRL250V4.7	4.7	10 x 13	5.0	.14	.13	.12	.10
140-HTRL250V10	10	10 x 16	5.0	.20	.18	.16	.14
140-HTRL250V22	22	13 x 21	5.0	.44	.39	.34	.29
140-HTRL250V47	47	13 x 25	5.0	.69	.61	.54	.46
140-HTRL250V100	100	16 x 36	7.5	1.35	1.19	1.02	.86

LOW ESR ELECTROLYTIC CAPACITORS

Features:

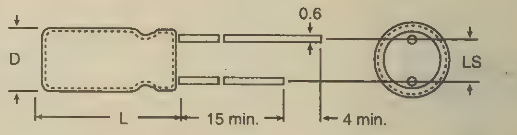
- High permissible ripple current
- Wide operating temperature range
- Suited for switching power supplies

Application Note:

A higher voltage capacitor may be used in a lower voltage application.

Specifications:

- Operating temperature: -55°C to +105°C
- Life test: load life = 2000 hours
- Leakage current: 0.01CV or 3μA



Dissipation factor (Tan δ, at 20°C 120 Hz)

Rated voltage (V)	6.3	10	16	25	35	50	63	100
Tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.08	0.07

DIMENSIONS (mm)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (μF)	Max. ESR Ω @ 20°C 100KHZ	Case Size D x L (mm) Max.	LS (mm)	Price Each			
					1	10	100	500
16 Volt (20V Surge)								
140-ESRL16V100	100	.70	6.3 x 11	2.5	.44	.30	.23	.18
140-ESRL16V220	220	.33	8 x 11.5	3.5	.50	.34	.27	.22
140-ESRL16V330	330	.23	10 x 12.5	5.0	.56	.38	.30	.24
140-ESRL16V470	470	.18	10 x 16	5.0	.61	.41	.32	.26
140-ESRL16V1000	1000	.11	13 x 20	5.0	.96	.65	.54	.44
140-ESRL16V2200	2200	.073	13 x 26	5.0	1.58	1.06	.87	.68
140-ESRL16V3300	3300	.055	16 x 31.5	7.5	2.05	1.38	1.12	.87
140-ESRL16V4700	4700	.046	16 x 35.5	7.5	2.75	1.85	1.40	1.16
25 Volt (32V Surge)								
140-ESRL25V33	33	1.60	5 x 11	2.0	.28	.19	.14	.12
140-ESRL25V47	47	1.10	6.3 x 11	2.5	.34	.23	.16	.14
140-ESRL25V100	100	.49	8 x 11.5	3.5	.46	.31	.21	.19
140-ESRL25V220	220	.33	10 x 12.5	5.0	.57	.38	.27	.24
140-ESRL25V330	330	.19	10 x 16	5.0	.62	.41	.28	.26
140-ESRL25V470	470	.13	10 x 20	5.0	.86	.58	.41	.37
140-ESRL25V1000	1000	.072	13 x 26	5.0	1.31	.90	.63	.57
50 Volt (63V Surge)								
140-ESRL50V4.7	4.7	4.70	5 x 11	2.0	.24	.16	.12	.099
140-ESRL50V10	10	2.20	5 x 11	2.0	.24	.16	.12	.099

DIMENSIONS (mm)

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Value (μF)	Max. ESR Ω @ 20°C 100KHZ	Case Size D x L (mm) Max.	LS (mm)	Price Each			
					1	10	100	500
50 Volt (63V Surge) cont.								
140-ESRL50V22	22	.98	6.3 x 11	2.5	.29	.19	.14	.12
140-ESRL50V33	33	.65	6.3 x 11	2.5	.45	.30	.21	.19
140-ESRL50V47	47	.45	6.3 x 11	2.5	.46	.31	.21	.19
140-ESRL50V100	100	.17	10 x 16	5.0	.62	.32	.28	.26
140-ESRL50V220	220	.11	10 x 25	5.0	.84	.57	.46	.36
140-ESRL50V330	330	.081	13 x 20	5.0	1.04	.70	.62	.54
140-ESRL50V470	470	.066	13 x 26	5.0	1.35	.92	.75	.58
140-ESRL50V1000	1000	.046	16 x 31.5	7.5	2.00	1.34	1.27	.85
100 Volt (100V Surge)								
140-ESRL100V1.0	1.0	17.00	5 x 11	2.0	.24	.16	.12	.09
140-ESRL100V2.2	2.2	6.60	5 x 11	2.0	.24	.16	.12	.09
140-ESRL100V4.7	4.7	2.80	6.3 x 11	2.5	.29	.19	.14	.12
140-ESRL100V10	10	1.20	8 x 11.5	3.5	.46	.31	.21	.19
140-ESRL100V22	22	.55	8 x 11.5	3.5	.46	.31	.21	.19
140-ESRL100V33	33	.42	10 x 12.5	5.0	.57	.38	.27	.24
140-ESRL100V47	47	.28	10 x 20	5.0	.62	.42	.31	.27
140-ESRL100V100	100	.17	13 x 20	5.0	1.29	.87	.60	.54

AXIAL ALUMINUM ELECTROLYTICS

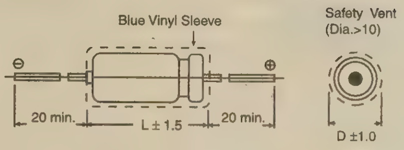
Specifications:

- Operating temperature range:
  10V to 250V: -40°C to +85°C
  350V to 450V: -25°C to +85°C
- Dissipation factor: (tan δ, @ 20°C, 120Hz) (tangent of the loss angle): see chart
- Tolerance: ±20%

WVDC	10	16	25	35	50	63	100	160	250	350	450
DF (tanδ)	0.20	0.16	0.14	0.12	0.10	0.09	0.08	0.12	0.18	0.20	0.25

Application Note:
A higher voltage capacitor may be used in a lower voltage application.

DIMENSIONS (mm)

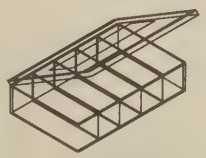


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (μF)	Case Size D x L (mm) Max.	Price Each			
				1	10	100	500
140-XAL10V2.2	10	2.2	5 x 12	.25	.21	.15	.11
140-XAL10V100	10	100	6 x 13	.28	.24	.20	.15
140-XAL10V330	10	330	8 x 16	.28	.24	.20	.15
140-XAL10V470	10	470	8 x 16	.36	.28	.25	.19
140-XAL10V680	10	680	10 x 17	.55	.44	.40	.32
140-XAL10V1000	10	1000	10 x 17	.55	.44	.40	.32
140-XAL10V2200	10	2200	13 x 22	.90	.77	.59	.48
140-XAL10V3300	10	3300	13 x 27	1.23	1.04	.86	.68
140-XAL10V4700	10	4700	16 x 28	1.25	1.06	.88	.68
140-XAL10V6800	10	6800	16 x 28	2.27	1.89	1.72	1.56
140-XAL10V10000	10	10000	18 x 36	2.99	2.49	2.27	2.06
140-XAL16V2.2	16	2.2	6 x 13	.25	.21	.15	.11
140-XAL16V3.3	16	3.3	5 x 12	.25	.21	.15	.11
140-XAL16V10	16	10	5 x 12	.25	.21	.15	.11
140-XAL16V22	16	22	5 x 12	.25	.21	.15	.11
140-XAL16V33	16	33	6 x 13	.25	.21	.15	.11
140-XAL16V47	16	47	6.3 x 12	.25	.21	.15	.11
140-XAL16V100	16	100	6.3 x 16	.29	.25	.21	.16
140-XAL16V220	16	220	8 x 16	.29	.25	.21	.16
140-XAL16V330	16	330	8 x 16	.29	.25	.21	.16
140-XAL16V470	16	470	8 x 20	.37	.29	.26	.20
140-XAL16V1000	16	1000	10 x 21	.73	.63	.51	.44
140-XAL16V2200	16	2200	13 x 24	.98	.85	.67	.53
140-XAL16V3300	16	3300	16 x 28	1.25	1.06	.88	.70
140-XAL16V4700	16	4700	16 x 36	2.17	1.81	1.51	1.37
140-XAL16V6800	16	6800	18 x 38	2.75	2.35	1.84	1.68
140-XAL16V10000	16	10000	22 x 43	3.73	3.26	2.50	2.35
140-XAL25V10	25	10	5 x 12	.25	.21	.15	.11
140-XAL25V22	25	22	5 x 12	.25	.21	.15	.11
140-XAL25V33	25	33	6.3 x 12	.25	.21	.15	.11
140-XAL25V47	25	47	6.3 x 12	.28	.24	.20	.15
140-XAL25V100	25	100	8 x 16	.30	.26	.22	.17
140-XAL25V220	25	220	8 x 16	.30	.26	.22	.17
140-XAL25V330	25	330	10 x 17	.37	.29	.26	.20
140-XAL25V470	25	470	10 x 17	.47	.39	.35	.29
140-XAL25V1000	25	1000	13 x 22	.73	.63	.51	.44
140-XAL25V2200	25	2200	16 x 28	1.17	.95	.82	.62
140-XAL25V3300	25	3300	16 x 33	1.99	1.66	1.51	1.38
140-XAL25V4700	25	4700	18 x 36	2.61	2.18	1.98	1.81
140-XAL25V6800	25	6800	22 x 43	4.99	4.16	3.81	3.47
140-XAL25V10000	25	10000	25 x 52	6.47	5.39	4.92	4.47
140-XAL35V10	35	10	5 x 12	.25	.21	.15	.11
140-XAL35V33	35	33	6.3 x 16	.25	.21	.15	.11
140-XAL35V47	35	47	6.3 x 16	.25	.21	.15	.11
140-XAL35V100	35	100	8 x 16	.29	.25	.21	.16
140-XAL35V220	35	220	10 x 21	.37	.29	.26	.20
140-XAL35V330	35	330	10 x 21	.47	.39	.35	.29
140-XAL35V470	35	470	10 x 21	.54	.43	.39	.30
140-XAL35V1000	35	1000	13 x 27	.93	.80	.62	.51
140-XAL35V2200	35	2200	16 x 33	1.98	1.65	1.50	1.36
140-XAL35V3300	35	3300	18 x 37	3.59	3.08	2.41	2.19
140-XAL35V4700	35	4700	22 x 43	5.13	4.27	3.54	3.22
140-XAL50V.47	50	47	5 x 12	.25	.21	.15	.11
140-XAL50V1.0	50	1.0	5 x 12	.25	.21	.15	.11
140-XAL50V2.2	50	2.2	5 x 12	.25	.21	.15	.11
140-XAL50V3.3	50	3.3	5 x 12	.25	.21	.15	.11
140-XAL50V4.7	50	4.7	5 x 12	.25	.21	.15	.11
140-XAL50V6.8	50	6.8	5 x 12	.25	.21	.15	.11
140-XAL50V10	50	10	6.3 x 12	.25	.21	.15	.11
140-XAL50V22	50	22	6 x 13	.25	.21	.15	.11
140-XAL50V33	50	33	6.3 x 16	.25	.21	.15	.11
140-XAL50V47	50	47	8 x 16	.25	.21	.15	.11
140-XAL50V68	50	68	8 x 15	.28	.24	.20	.15
140-XAL50V100	50	100	10 x 17	.30	.26	.22	.17
140-XAL50V220	50	220	10 x 21	.47	.39	.35	.29
140-XAL50V330	50	330	13 x 22	.54	.46	.42	.36
140-XAL50V470	50	470	13 x 24	.75	.64	.53	.47
140-XAL50V680	50	680	16 x 28	.91	.78	.60	.49
140-XAL50V1000	50	1000	16 x 33	1.19	.98	.85	.67
140-XAL50V2200	50	2200	18 x 42	2.67	2.22	2.03	1.85
140-XAL50V3300	50	3300	22 x 43	4.51	3.75	3.43	3.12
140-XAL50V4700	50	4700	25 x 52	5.99	4.99	4.58	4.16
140-XAL63V2.2	63	2.2	6 x 13	.25	.21	.15	.11
140-XAL63V6.8	63	6.8	5 x 12	.25	.21	.15	.11
140-XAL63V100	63	100	10 x 21	.40	.31	.27	.23
140-XAL63V220	63	220	13 x 22	.59	.49	.43	.36
140-XAL63V470	63	470	13 x 27	.82	.70	.58	.47
140-XAL100V1.0	100	1.0	5 x 12	.25	.21	.15	.11
140-XAL100V2.2	100	2.2	5 x 12	.25	.21	.15	.11
140-XAL100V3.3	100	3.3	6.3 x 12	.25	.21	.15	.11
140-XAL100V4.7	100	4.7	6.3 x 12	.25	.21	.15	.11
140-XAL100V10	100	10	8 x 16	.25	.21	.15	.11
140-XAL100V22	100	22	8 x 16	.30	.26	.22	.17
140-XAL100V33	100	33	10 x 17	.37	.29	.26	.20
140-XAL100V47	100	47	10 x 21	.37	.29	.26	.20
140-XAL100V100	100	100	13 x 22	.91	.78	.60	.49
140-XAL100V220	100	220	16 x 28	1.86	1.59	1.25	1.14
140-XAL100V470	100	470	16 x 37	2.36	1.96	1.77	1.63
140-XAL160V1.0	160	1.0	6.3 x 12	.36	.30	.27	.25
140-XAL160V3.3	160	3.3	8 x 16	.45	.38	.34	.31
140-XAL160V10	160	10	10 x 21	.55	.44	.40	.30
140-XAL160V22	160	22	13 x 22	.86	.72	.65	.59
140-XAL160V47	160	47	13 x 27	1.12	.93	.86	.78
140-XAL160V100	160	100	16 x 33	1.93	1.61	1.46	1.33
140-XAL160V220	160	220	18 x 42	2.85	2.38	2.16	1.96
140-XAL250V1.0	250	1.0	6.3 x 16	.51	.34	.31	.28
140-XAL250V2.2	250	2.2	8 x 16	.60	.40	.36	.33
140-XAL250V3.3	250	3.3	10 x 16	.66	.44	.40	.37
140-XAL250V4.7	250	4.7	10 x 17	.73	.48	.44	.39
140-XAL250V10	250	10	10 x 21	.79	.61	.55	.50
140-XAL250V22	250	22	13 x 22	1.19	.99	.92	.83
140-XAL250V33	250	33	16 x 28	1.36	1.13	1.03	.94
140-XAL250V47	250	47	16 x 33	1.74	1.45	1.32	1.20
140-XAL250V100	250	100	18 x 43	3.14	2.62	2.38	2.16
140-XAL350V3.3	350	3.3	8 x 20	.73	.56	.51	.47
140-XAL350V4.7	350	4.7	10 x 21	.84	.65	.59	.54
140-XAL350V22	350	22	13 x 32	1.40	1.17	1.06	.97
140-XAL350V33	350	33	16 x 33	2.06	1.72	1.56	1.41
140-XAL350V47	350	47	16 x 42	2.65	2.21	2.01	1.83
140-XAL350V100	350	100	22 x 43	4.61	3.84	3.49	3.18
140-XAL450V1.0	450	1.0	8 x 16	.69	.46	.42	.38
140-XAL450V2.2	450	2.2	10 x 21	.75	.55	.50	.45
140-XAL450V3.3	450	3.3	10 x 21	.83	.64	.58	.53
140-XAL450V4.7	450	4.7	13 x 22	.96	.74	.67	.61
140-XAL450V10	450	10	13 x 24	1.29	1.09	.99	.90
140-XAL450V22	450	22	16 x 32	2.10	1.75	1.59	1.44
140-XAL450V33	450	33	18 x 40	2.94	2.45	2.23	2.03
140-XAL450V47	450	47	18 x 36	3.46	2.88	2.62	2.38
140-XAL450V100	450	100	25 x 52	6.27	5.23	4.75	4.32.

MINIATURE ALUMINUM ELECTROLYTIC CAPACITOR KITS

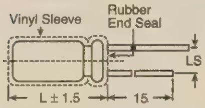
- ±20%
- 25VDC - 50VDC
- -40°C to +85°C
- Fully assembled and keyed for easy use



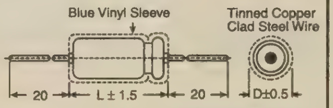
MOUSER STOCK NO.	Description	Range of Values	Pieces in Each Kit	Contains (μF)	Price Each
370-140XAL-1	Axial lead	.47μF-1000μF	80	**10 each:** .47, 1.0 (50V), **5 each:** 2.2, 3.3, 4.7, 10, 22, 220, (50VDC), 33, 470, (35VDC), 47, 100, 330, 1000, (25VDC)	29.95
370-140XAL-2	Axial lead	220μF-4700μF	25	**5 each:** 220 (50V), 330 (25VDC), **3 each:** 470 (35VDC), 1000 (25VDC), 1000 (50VDC), **2 each:** 2200, 3300, 4700 (35VDC)	29.95
370-140XRL-1	Radial lead	1μF-1000μF	80	**10 each:** 1, 2.2, 4.7, 22 (50V), **10 each:** 10, 47 (35V) **5 each:** 100, 470, 1000 (25V), 220 (35V)	29.95

Non-Polar, Bi-Polar, Memory Back-Up, and Electrolytic Capacitors

XICON Passive Components NON-POLAR AND BI-POLAR



Radial



Axial **DIMENSIONS (mm)**

Non-Polarized Electrolytics

For use in circuits that are reversed in polarity or circuits to which short duration AC voltages are impressed.

Specifications:

- Capacitance tolerance: ±10%
- Leakage current: I=0.02CV=3µA max.
- Vinyl sleeve color: blue
- Dissipation factor (25°C): @120Hz=15% @1KHz=20%
- Operating temperature range: -40°C to +85°C

MOUSER STOCK NO.	WVDC	Value (µF)	Dimensions (mm)			Price Each			
			D	L	LS	1	100	500	1000
Radial Lead Type									
140-NPRL50V1.0	50	1.0	5	11	2.0	.18	.09	.08	.07
140-NPRL50V2.2	50	2.2	5	11	2.0	.18	.09	.08	.07
140-NPRL50V3.3	50	3.3	5	11	2.0	.20	.10	.09	.08
140-NPRL50V4.7	50	4.7	5	11	2.0	.20	.10	.09	.08
140-NPRL50V6.8	50	6.8	6	11	2.5	.35	.26	.21	.15
140-NPRL50V10	50	10	8	11	3.5	.24	.12	.11	.10
140-NPRL50V15	50	15	8	15	3.5	.46	.34	.26	.20
140-NPRL50V22	50	22	8	11	3.5	.36	.18	.17	.15
140-NPRL50V33	50	33	8	13	3.5	.46	.23	.21	.19
140-NPRL50V47	50	47	10	16	5.0	.49	.33	.30	.27
140-NPRL50V68	50	68	10	20	5.0	.88	.64	.51	.39
140-NPRL50V100	50	100	10	20	5.0	.74	.49	.45	.41
Axial Lead Type									
140-NPAL50V1.0	50	1.0	6.3	12	- - -	.38	.28	.22	.16
140-NPAL50V2.2	50	2.2	6.3	12	- - -	.43	.31	.24	.18
140-NPAL50V3.3	50	3.3	6.3	12	- - -	.45	.33	.25	.20
140-NPAL50V4.7	50	4.7	6.3	12	- - -	.48	.35	.28	.21
140-NPAL50V5.6	50	5.6	6.3	12	- - -	.49	.44	.28	.21
140-NPAL50V6.8	50	6.8	6.3	12	- - -	.55	.49	.31	.24
140-NPAL50V10	50	10	6.3	12	- - -	.61	.44	.35	.26
140-NPAL50V15	50	15	8	13	- - -	.71	.53	.40	.31
140-NPAL50V22	50	22	8	16	- - -	.81	.58	.46	.35
140-NPAL50V33	50	33	8	16	- - -	.94	.70	.54	.41
140-NPAL50V47	50	47	10	17	- - -	1.09	.78	.62	.47
140-NPAL50V68	50	68	10	26	- - -	1.25	.93	.71	.55
140-NPAL50V100	50	100	10	21	- - -	1.45	1.04	.83	.62
140-NPAL50V200	50	200	13	32	- - -	1.81	1.51	1.37	1.25
140-NPAL100V1.0	100	1.0	6.3	12	- - -	.47	.33	.26	.21
140-NPAL100V2.2	100	2.2	6.3	12	- - -	.56	.40	.31	.24
140-NPAL100V3.3	100	3.3	6.3	16	- - -	.69	.49	.38	.28
140-NPAL100V4.7	100	4.7	6.3	16	- - -	.74	.53	.40	.31
140-NPAL100V6.8	100	6.8	8	20	- - -	.77	.55	.47	.36
140-NPAL100V10	100	10	8	16	- - -	.79	.56	.53	.40
140-NPAL100V15	100	15	10	26	- - -	1.12	.79	.61	.47
140-NPAL100V22	100	22	10	22	- - -	1.30	.93	.71	.55
140-NPAL100V33	100	33	10	24	- - -	1.94	1.40	1.07	.83
140-NPAL100V47	100	47	10	30	- - -	2.79	2.15	1.66	1.28
140-NPAL100V68	100	68	13	24	- - -	4.04	3.12	2.39	1.85
140-NPAL100V100	100	100	16	28	- - -	4.43	3.40	2.62	2.01
140-NPAL100V220	100	220	16	37	- - -	5.95	4.96	4.13	3.44

Audio Frequency Bi-Polars

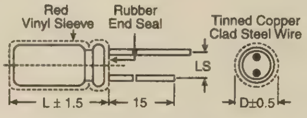
Specifications:

- Operating temperature range: -40°C to +85°C
- Tangent of the loss angle: 0.05 max. @ 120Hz
- Vinyl sleeve color: metallic blue
- Capacitance tolerance: ±20%
- Leakage current: 100µA max.

Radial Lead Type									
140-BPRL50V1.0	50	1.0	8	11	3.5	.31	.16	.14	.13
140-BPRL50V2.2	50	2.2	10	13	5.0	.52	.35	.32	.29
140-BPRL50V3.3	50	3.3	10	16	5.0	.52	.35	.32	.29
140-BPRL50V4.7	50	4.7	10	20	5.0	.52	.35	.32	.29
140-BPRL50V6.8	50	6.8	13	21	5.0	.40	.33	.30	.28
140-BPRL50V10	50	10	13	26	5.0	.72	.48	.43	.39
140-BPRL50V22	50	22	16	27	7.5	1.26	.84	.76	.70

XICON Passive Components HIGH FREQUENCY BI-POLARS

- Operating temperature range: -25°C to +85°C
- Leakage current: I=0.2 CV (µA)
- Capacitance tolerance: ±20%
- Dissipation factor (20°C): 0.05 @ 120Hz



DIMENSIONS (mm)

For quantities greater than listed, call for quote.

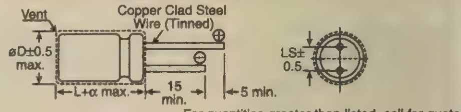
MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Ripple (Ip-p)		Price Each			
		D	L	LS	70°C	85°C	1	100	500	1000
140-BPHR50V1.0	1.0	13	26	5.0	4	3.5	.79	.62	.57	.52
140-BPHR50V2.2	2.2	16	27	7.5	6	4	.87	.67	.59	.55
140-BPHR50V3.3	3.3	16	32	7.5	6.5	4.5	.99	.77	.69	.63
140-BPHR50V4.7	4.7	16	25	7.5	7.5	5	1.05	.82	.74	.67
140-BPHR50V6.8	6.8	16	36	7.5	8	5.5	1.13	.87	.79	.72
140-BPHR50V8.2	8.2	16	36	7.5	9.0	6.5	1.20	.92	.84	.76
140-BPHR50V10	10	16	36	7.5	10	7	1.29	1.08	.99	.89
140-BPHR50V12	12	18	41	7.5	12	8.5	1.50	1.25	1.14	1.04
140-BPHR50V15	15	22	41	10	12.5	9.0	2.07	1.72	1.57	1.43
140-BPHR50V22	22	22	40	10	13	9.5	2.37	2.01	1.83	1.64
140-BPHR50V33	33	33	40	10	14	10	2.98	2.52	2.30	2.06

ELNA DZ SERIES DOUBLE LAYER CAPACITORS

Specifications:

- Temperature range: -25°C to +70°C
- Capacitance tolerance: -20% to +80%

DIMENSIONS (mm)



For quantities greater than listed, call for quote

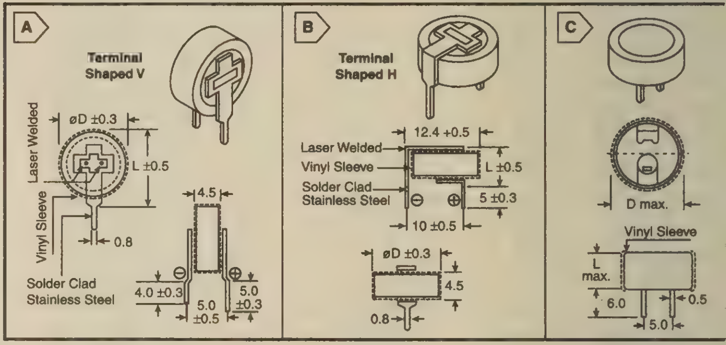
MOUSER STOCK NO.	WVDC	Value (F)	Dimensions (mm)			Price Each			
			D	L	LS	1	10	100	1000
555-DZ2R5D334	2.5	.33	6.3	21.0	2.5	2.58	2.06	1.65	1.34
555-DZ2R5D105	2.5	1	8.0	22.0	3.5	2.75	2.20	1.76	1.43
555-DZ2R5D335	2.5	3.3	12.5	23.0	5.0	3.65	2.92	2.34	1.90
555-DZ2R5D475	2.5	4.7	12.5	31.5	5.0	4.25	3.40	2.72	2.21
555-DZ2R5D106	2.5	10	18.0	35.0	7.5	6.10	4.88	3.90	3.17

ELNA DB AND DX SERIES MEMORY BACK-UP CAPACITORS

Features:

- For memory back up in electronic devices
- Small size, large capacitance
- Wide temperature range: -25°C to +70°C
- Minimum self-discharging
- Capacitance tolerance: -20% to +80%

DIMENSIONS (mm)



For quantities greater than listed, call for quote

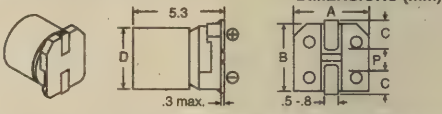
MOUSER STOCK NO.	Fig.	WVDC	Value (F)	Dimensions (mm)		Price Each			
				D	L	1	10	100	500
DX Vertical Series									
555-DX5R5V473	A	5.5	.047	11.5	13.5	2.28	1.71	1.39	1.14
555-DX5R5V104	A	5.5	.1	11.5	13.5	2.28	1.71	1.39	1.14
555-DX5R5V224	A	5.5	.22	11.5	13.5	2.28	1.71	1.39	1.14
555-DX5R5V334	A	5.5	.33	11.5	13.5	2.28	1.71	1.39	1.14
555-DX5R5V105	A	5.5	1	19.0	20.5	5.56	4.17	3.40	2.78
DX Horizontal Series									
555-DX5R5H473	B	5.5	.047	11.5	5.0	2.28	1.71	1.39	1.14
555-DX5R5H104	B	5.5	.1	11.5	5.0	2.28	1.71	1.39	1.14
555-DX5R5H224	B	5.5	.22	11.5	5.0	2.28	1.71	1.39	1.14
555-DX5R5H334	B	5.5	.33	11.5	5.0	2.28	1.71	1.39	1.14
DB Series									
555-47Z5.5	C	5.5	.047	13.5	9.5	1.76	1.54	1.35	1.31
555-100Z5.5	C	5.5	.1	13.5	9.5	2.31	1.96	1.62	1.54
555-220Z5.5	C	5.5	.22	13.5	9.5	2.43	2.06	1.69	1.62
555-470Z5.5	C	5.5	.47	21.5	9.5	4.07	3.45	2.85	2.64
555-1.0Z5.5	C	5.5	1	21.1	9.5	5.05	4.46	3.54	3.29

ELNA SMD ALUMINUM ELECTROLYTICS

RVS 105°C 5mm Height Series

- Operating temperature range: -55°C to +105°C
- Leakage current: < 0.01 CV (µA)
- Capacitance tolerance.: ±20%

DIMENSIONS (mm)



To order reels: add -TR to Mouser Stock No.

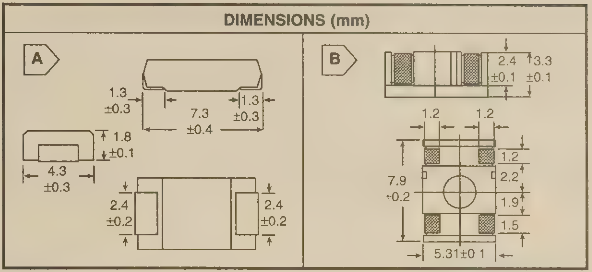
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Qty. Per Reel	Dia. (D)	A	B	C	P	Price Each				
									1	100	500	1000	2000
555-6.3V22	6.3	22	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-6.3V47	6.3	47	1000	5	5.3	5.3	2.3	1.5	.29	.20	.14	.11	.094
555-6.3V100	6.3	100	1000	6.3	6.6	6.6	2.7	2.0	.32	.22	.15	.13	.101
555-10V33	10	33	1000	5	5.3	5.3	2.3	1.5	.29	.20	.14	.11	.094
555-16V10	16	10	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-16V22	16	22	1000	5	5.3	5.3	2.3	1.5	.29	.20	.14	.11	.094
555-16V47	16	47	1000	6.3	6.6	6.6	2.7	2.0	.32	.22	.15	.13	.101
555-25V33	25	33	1000	6.3	6.6	6.6	2.7	2.0	.32	.22	.15	.13	.101
555-35V4.7	35	4.7	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-35V10	35	10	2000	5	5.3	5.3	2.3	1.5	.29	.20	.14	.11	.094
555-35V22	35	22	2000	6.3	6.6	6.6	2.7	2.0	.32	.22	.15	.13	.101
555-50V0.1	50	0.1	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-50V0.22	50	0.22	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-50V0.33	50	0.33	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-50V0.47	50	0.47	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-50V1.0	50	1	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-50V2.2	50	2.2	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-50V3.3	50	3.3	2000	4	4.3	4.3	2.0	1.0	.24	.16	.11	.09	.083
555-50V4.7	50	4.7	1000	5	5.3	5.3	2.3	1.5	.29	.20	.14	.11	.094
555-50V10	50	10	1000	6.3	6.6	6.6	2.7	2.0	.32	.22	.15	.13	.101

CDE CORNELL DUBILIER Aluminum Electrolytic Capacitors

SMT POLYMER ALUMINUM TYPE ESR AND ESRD

- Lowest ESR - from 10mΩ
- High ripple current rating - up to 1.6A
- Ultra stable - no change from -55°C to +105°C
- Best high frequency filtering performance - 100KHz and up
- Reduced parts count - replaces three or more tantalum caps
- Deliver more energy and higher peak current to a load faster
- Ideal input and output cap. for "Buck" switching regulators
- Inherently more reliable - 100 year life expectancy
- Operating temperature range: -55°C to +105°C
- Surge voltage: 125% rated working VDC
- Capacitance range : 2.2µF to 82µF
- Capacitance tolerance: 20% @ 120Hz and +20°C
- DC leakage current: apply rated working voltage @ +20°C
- Maximum DC current rating: 2.0ADC between terminals of the same polarity


DIMENSIONS (mm)

Type ESRD EIA "D" Case Size

Available on reels

MOUSER STOCK NO.	Manufacturer's Type	Fig.	WVDC	Value (µF)	Price Each		
					1	10	100
5987-4V56D	ESRD560M04B	A	4	56	**1.34**	**1.12**	**.87**
5987-6.3V47D	ESRD470M06B	A	6.3	47	**1.34**	**1.12**	**.87**
5987-12.5V22D	ESRD220M12B	A	12.5	22	**1.34**	**1.12**	**.87**
5987-16V8.2D	ESRD8R2M16B	A	16	8.2	**1.34**	**1.12**	**.87**

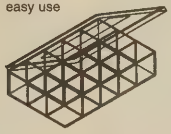
Type ESR

Available on reels

(✻ Extended Values)							
5987-4V82	ESR820M0G000B	B	4	82	**1.91**	**1.60**	**1.25**
5987-6.3V68	ESR680M0J000B	B	6.3	68	**1.91**	**1.60**	**1.25**
5987-8V47	ESR470M0K000B	B	8	47	**1.91**	**1.60**	**1.25**
5987-12.5V10	ESR100M1B000B	B	12.5	10	**1.77**	**1.48**	**1.16**
5987-12.5V15	ESR150M1B000B	B	12.5	15	**2.16**	**1.80**	**1.41**
5987-12.5V22	ESR220M1B000B	B	12.5	22	**2.61**	**2.18**	**1.71**
5987-12.5V33	ESR330M1B000B	B	12.5	33	**1.91**	**1.60**	**1.25**
5987-16V10	ESR100M1C000B	B	16	10	**1.91**	**1.60**	**1.25**

ENGINEERING DESIGNERS KITS

- Keyed for easy use



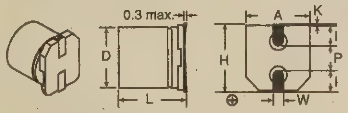
MOUSER STOCK NO.	Quantity	Type	Value (µF)	Price Each
5987-ESR-KIT5	6 pieces of each value, 30 pieces total (Extended values)	ESR 4V ± 20%	82	**37.50**
		ESR 6.3V ± 20%	68	
		ESR 8V ± 20%	47	
		ESR 12.5V ± 20%	33	
		ESR 16V ± 20%	10	
5987-ESRD-KIT6	6 pieces of each value, 30 pieces total	ESRD 4V ± 20%	56	**28.00**
		ESRD 6.3V ± 20%	47	
		ESRD 8V ± 20%	33	
		ESRD 12.5V ± 20%	22	
		ESRD 16V ± 20%	8.2	

SMD ALUMINUM ELECTROLYTICS

AVS, 85°C Series

Specifications:

- Capacitance tolerance: ±20%
- Temperature range: -40°C to +85°C
- Life test: 2,000 hours @ +85°C
- Load life: +85°C, 2000 hours
- Capacitance range: 0.1µF to 1000µF
- Voltage range: 1.0VDC to 50VDC



DIMENSIONS (mm)

Case Code	Qty. Per Reel	D±0.5	L	A	H (max.)	I (ref.)	W	P (ref.)	K
A	2000	3.0	5.4	3.3	4.5	1.5	0.55	0.60	0.35
B	2000	4.0	5.4	4.3	5.5	1.8	0.65	1.0	0.35
C	1000	5.0	5.4	5.3	6.5	2.2	0.65	1.5	0.35
D	1000	6.3	5.4	6.6	7.8	2.4	0.65	2.2	0.35
E	1000	8.0	6.2	8.3	9.5	3.4	0.65	2.2	0.35
F	500	8.0	10.2	8.3	10.0	3.4	0.90	3.2	0.70
G	500	10.0	10.2	10.3	13.0	3.5	0.90	4.6	0.70

To order reels: add **-TR** to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Case Code	Price Each				
				1	100	500	1000	2000
5985-AVS10V1000	10	1,000	G	**.58**	**.51**	**.44**	**.29**	**.261**
5985-AVS16V10A	16	10	A	**.20**	**.18**	**.15**	**.102**	**.092**
5985-AVS16V10	16	10	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS16V22	16	22	B	**.19**	**.17**	**.14**	**.096**	**.086**
5985-AVS16V33	16	33	C	**.22**	**.19**	**.17**	**.11**	**.099**
5985-AVS16V47	16	47	C	**.22**	**.19**	**.17**	**.11**	**.099**
5985-AVS16V100	16	100	D	**.29**	**.25**	**.22**	**.144**	**.13**
5985-AVS16V220	16	220	F	**.46**	**.40**	**.34**	**.228**	**.205**

To order reels: add **-TR** to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Case Code	Price Each				
				1	100	500	1000	2000
5985-AVS16V330	16	330	F	**.46**	**.40**	**.34**	**.228**	**.205**
5985-AVS16V470	16	470	G	**.58**	**.51**	**.44**	**.29**	**.261**
5985-AVS25V330	25	330	G	**.58**	**.51**	**.44**	**.29**	**.261**
5985-AVS35V4.7	35	4.7	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS35V10	35	10	C	**.20**	**.18**	**.15**	**.102**	**.092**
5985-AVS35V22	35	22	D	**.24**	**.21**	**.18**	**.118**	**.106**
5985-AVS35V33	35	33	D	**.29**	**.25**	**.22**	**.144**	**.13**
5985-AVS35V47	35	47	E	**.36**	**.32**	**.27**	**.18**	**.162**
5985-AVS35V100	35	100	F	**.46**	**.40**	**.34**	**.228**	**.205**
5985-AVS35V220	35	220	G	**.49**	**.43**	**.37**	**.246**	**.221**
5985-AVS50V0.1	50	0.1	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS50V0.22	50	0.22	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS50V0.33	50	0.33	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS50V0.47	50	0.47	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS50V1.0	50	1.0	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS50V2.2	50	2.2	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS50V3.3	50	3.3	B	**.17**	**.15**	**.13**	**.086**	**.077**
5985-AVS50V4.7	50	4.7	C	**.20**	**.18**	**.15**	**.102**	**.092**
5985-AVS63V10	63	10	D	**.39**	**.34**	**.29**	**.194**	**.175**
5985-AVS63V22	63	22	F	**.50**	**.44**	**.38**	**.25**	**.225**
5985-AVS63V33	63	33	F	**.50**	**.44**	**.38**	**.25**	**.225**
5985-AVS63V47	63	47	F	**.50**	**.44**	**.38**	**.25**	**.225**
5985-AVS63V100	63	100	G	**.63**	**.55**	**.47**	**.316**	**.284**
5985-AVS100V3.3	100	3.3	E	**.39**	**.34**	**.29**	**.194**	**.175**
5985-AVS100V4.7	100	4.7	F	**.50**	**.44**	**.38**	**.25**	**.225**
5985-AVS100V10	100	10	F	**.50**	**.44**	**.38**	**.25**	**.225**
5985-AVS100V22	100	22	G	**.63**	**.55**	**.47**	**.316**	**.284**
5985-AVS100V33	100	33	G	**.63**	**.55**	**.47**	**.316**	**.284**

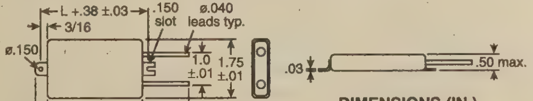
FLATPACK ALUMINUM ELECTROLYTIC CAPACITORS

Features:

- Height: < 1/2"
- Capacitance: 220-20,000µF
- Voltage: 25-300VDC
- Operates: -55°C to 85°C
- 2,000-Hour life test: 85°C
- Type MLP delivers 25 joules of energy storage in a 1/2" height with 50 years life @ +45°C
- Can readily heat sink to double the ripple-current capability

Type MLP:

- Military
- Telecom
- Computer power supply modules
- Circuit cards



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

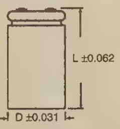
MOUSER STOCK NO.	Manufacturer's Type (MLP)	WVDC	Value (µF)	Length (In.)	Price Each		
					1	10	25
5987-25V203	203M025EB1A	26	20000	3.00	23.74	20.05	16.88
5987-50V442	442M050EK1A	50	4400	1.50	21.49	18.15	15.28
5987-50V113	113M050EB1A	50	11000	3.00	23.74	20.05	16.88
5987-63V222	222M063EK1A	63	2200	1.50	21.49	18.15	15.28
5987-80V332	332M080EB1A	80	3300	3.00	23.74	20.05	16.88
5987-200V102	102M200EB1A	200	1000	3.00	23.74	20.05	16.88
5987-250V821	821M250EB1A	250	820	3.00	23.74	20.05	16.88
5987-400V301	301M400EB1A	400	300	3.00	23.74	20.05	16.88

HIGH CAPACITANCE COMPUTER GRADE TYPE DCMX-MAXIMUM CAPACITANCE SERIES

Designed for use where large capacitance, low ESR, and high ripple current are required.

- Tolerance: <200VDC = -10 to +75%
  ≥200VDC = -10 to +50%
- Temperature range: -40°C to 85°C
- Voltage range: 16VDC to 450VDC
- 1000 hours full-ripple life test at +85°C
- Leakage current ≤0.005CV µA (6mA max.)

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Manufacturer's Type (DCMX)	WVDC	Value (µF)	Case DxL (in.)	Price Each		
					1	5	10
5986-16V20000	203U016AK2B	16	20,000	1.375 x 1.625	**11.85**	**9.88**	**8.89**
5986-16V58000	583U016AB2B	16	58,000	1.375 x 3.125	**16.71**	**13.93**	**12.53**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Manufacturer's Type (DCMX)	WVDC	Value (µF)	Case DxL (in.)	Price Each		
					1	5	10
5986-16V85000	853U016AC2B	16	85,000	1.375 x 4.125	20.82	17.35	15.62
5986-16V180000	184U016BC2B	16	180,000	2.000 x 4.125	36.51	30.43	27.38
5986-25V39000	393U025AB2B	25	39,000	1.375 x 3.125	17.28	14.40	12.96
5986-25V57000	573U025AC2B	25	57,000	1.375 x 4.125	21.57	17.98	16.18
5986-25V120000	124U025BC2B	25	120,000	2.000 x 4.125	37.98	31.65	28.49
5986-50V12000	123U050AH2B	50	12,000	1.375 x 2.625	14.64	12.20	10.98
5986-50V23000	233U050AC2B	50	23,000	1.375 x 4.125	20.19	16.83	15.14
5986-100V15000	153U100BC2B	100	15,000	2.000 x 4.125	37.41	31.18	28.06
5986-250V2900	292T250BC2B	250	2,900	2.000 x 4.125	33.03	27.53	24.77
5986-450V390	391T450AB2B	450	390	1.375 x 3.125	18.60	15.50	13.95

CDE CORNELL DUBILIER

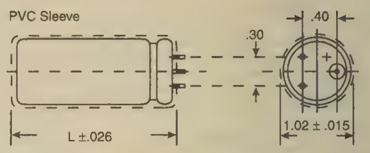
Aluminum Electrolytic Capacitors

ULTRA LONG-LIFE SWITCHING POWER GRADE CAPACITORS

Radial-leaded Type 330 is the ultra-long-life version of the Type 300 capacitor. With an astonishing, 50,000-hour expected life operation continuously at full load and 65°C the 330 is the choice for power-supply outputs and UPS battery stiffening. Type 330 has three leads for rugged, reverse-proof mounting.

Specifications:

- Voltage rating: 7.5VDC to 250VDC
- Operating temperature: -55°C to +105°C
- Life test: 10,000 h @ +105°C
- Ripple test: 10,000 h at full load @ +85°C



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	L (In.)	Price Each			
				1	10	25	50
5985-330-7.5V153	7.5	15,000	2.15	9.05	7.64	6.43	6.03
5985-330-7.5V223	7.5	22,000	2.65	10.17	8.59	7.23	6.78
5985-330-7.5V273	7.5	27,000	3.15	11.34	9.58	8.06	7.56
5985-330-7.5V333	7.5	33,000	3.65	11.59	9.79	8.24	7.73
5985-330-10V123	10	12,000	2.15	9.05	7.64	6.43	6.03
5985-330-10V183	10	18,000	2.65	10.17	8.59	7.23	6.78
5985-330-10V223	10	22,000	3.15	11.34	9.58	8.06	7.56
5985-330-10V273	10	27,000	3.65	11.59	9.79	8.24	7.73
5985-330-16V103	16	10,000	2.15	9.05	7.64	6.43	6.03
5985-330-16V153	16	15,000	2.65	10.17	8.59	7.23	6.78
5985-330-16V183	16	18,000	3.15	11.34	9.58	8.06	7.56
5985-330-16V223	16	22,000	3.65	11.59	9.79	8.24	7.73
5985-330-40V472	40	4700	2.15	9.05	7.64	6.43	6.03
5985-330-40V682	40	6800	2.65	10.17	8.59	7.23	6.78
5985-330-40V822	40	8200	3.15	11.34	9.58	8.06	7.56
5985-330-40V103	40	10,000	3.65	11.59	9.79	8.24	7.73

For quantities greater than listed, call for quot

MOUSER STOCK NO.	WVDC	Value (µF)	L (In.)	Price Each			
				1	10	25	50
5985-330-63V272	63	2700	2.15	9.05	7.64	6.43	6.0
5985-330-63V392	63	3900	2.65	10.17	8.59	7.23	6.7
5985-330-63V472	63	4700	3.15	11.34	9.58	8.06	7.5
5985-330-63V562	63	5600	3.65	11.59	9.79	8.24	7.7
5985-330-100V102	100	1000	2.15	9.05	7.64	6.43	6.0
5985-330-100V122	100	1000	2.65	10.17	8.59	7.23	6.7
5985-330-100V152	100	1500	3.15	11.34	9.58	8.06	7.5
5985-330-100V222	100	2200	3.65	11.59	9.79	8.24	7.7
5985-330-200V391	200	390	2.15	10.40	8.78	7.39	6.9
5985-330-200V471	200	470	2.65	11.75	9.92	8.35	7.8
5985-330-200V561	200	560	3.15	13.03	11.00	9.26	8.6
5985-330-200V681	200	680	3.65	13.30	11.23	9.46	8.87
5985-330-250V271	250	270	2.15	10.40	8.78	7.39	6.9
5985-330-250V391	250	390	2.65	11.75	9.92	8.35	7.8
5985-330-250V471	250	470	3.15	13.03	11.00	9.26	8.6
5985-330-250V561	250	560	3.65	13.30	11.23	9.46	8.37

SNAPMOUNT ALUMINUM ELECTROLYTICS

380LX, 85°C Series

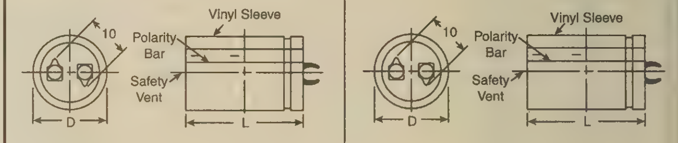
Specifications for 380LX Series:

- Tolerance: ±20%
- Temperature range: -40°C to +85°C
- Life test: 2000 hours @ +85°C at full load

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Manufacturer's Type 380LX	WVDC	Value (µF)	Case D x L (mm)	Price Each		
					1	10	100
5985-85-16V33000	333M016K042	16	33,000	30 x 40	5.58	4.55	3.72
5985-85-25V6800	682M025H022	25	6,800	22 x 30	2.82	2.29	1.88
5985-85-25V10000	103M025H032	25	10,000	22 x 35	3.25	2.65	2.17
5985-85-25V22000	223M025J052	25	22,000	25 x 50	5.18	4.22	3.46
5985-85-25V47000	473M025A052	25	47,000	35 x 50	9.74	7.93	6.49
5985-85-35V5600	562M035H022	35	5,600	22 x 30	3.03	2.47	2.02
5985-85-35V10000	103M035K022	35	10,000	30 x 30	4.37	3.56	2.91
5985-85-35V15000	153M035J052	35	15,000	25 x 50	5.25	4.28	3.50
5985-85-35V22000	223M035A042	35	22,000	35 x 40	7.68	6.26	5.12
5985-85-35V33000	333M035A052	35	33,000	35 x 50	10.07	8.21	6.71
5985-85-50V3300	332M050H022	50	3,300	22 x 30	3.08	2.51	2.05
5985-85-50V4700	472M050H032	50	4,700	22 x 35	3.59	2.92	2.39
5985-85-50V6800	682M050K022	50	6,800	30 x 30	4.78	3.89	3.19
5985-85-50V8200	822M050K032	50	8,200	30 x 35	5.60	4.56	3.73
5985-85-50V15000	153M050K052	50	15,000	30 x 50	8.27	6.74	5.51
5985-85-63V4700	472M063K022	63	4,700	30 x 30	4.70	3.83	3.14
5985-85-63V8200	822M063A032	63	8,200	35 x 35	7.15	5.83	4.77
5985-85-63V10000	103M063A042	63	10,000	35 x 40	8.25	6.72	5.50
5985-85-63V12000	123M063A052	63	12,000	35 x 50	9.43	7.69	6.29
5985-85-100V1000	102M100H022	100	1,000	22 x 30	3.21	2.62	2.14
5985-85-200V220	221M200J202	200	220	25 x 20	2.82	2.30	1.88
5985-85-200V330	331M200J012	200	330	25 x 25	3.22	2.62	2.15
5985-85-200V470	471M200J022	200	470	25 x 30	3.63	2.96	2.42
5985-85-200V680	681M200J032	200	680	25 x 35	4.52	3.68	3.01
5985-85-200V1200	122M200K452	200	1,200	30 x 45	7.21	5.88	4.81
5985-85-200V1500	152M200A042	200	1,500	35 x 40	8.73	7.12	5.82
5985-85-200V2200	222M200A052	200	2,200	35 x 50	11.47	9.34	7.64
5985-85-250V220	221M250H022	250	220	22 x 30	3.36	2.80	2.02
5985-85-250V330	331M250H032	250	330	22 x 35	3.98	3.32	2.39
5985-85-250V470	471M250J042	250	470	25 x 40	4.92	4.10	2.96
5985-85-250V680	681M250A022	250	680	35 x 30	7.19	5.99	4.31
5985-85-250V1000	102M250K052	250	1,000	30 x 50	8.87	7.39	5.32
5985-85-400V100	101M400H022	400	100	22 x 30	3.74	3.11	2.24
5985-85-450V47	470M450J202	450	47	25 x 20	3.75	3.13	2.25
5985-85-450V68	680M450H022	450	68	22 x 30	3.58	2.99	2.15
5985-85-450V100	101M450J022	450	100	25 x 30	4.28	3.56	2.57
5985-85-450V120	121M450J022	450	120	25 x 30	4.23	3.45	2.82
5985-85-450V220	221M450J052	450	220	25 x 50	7.21	6.01	4.33
5985-85-450V330	331M450A042	450	330	35 x 40	10.71	8.93	6.43
5985-85-450V470	471M450A052	450	470	35 x 50	12.53	10.21	8.35

DIMENSIONS (mm)



380LX, 85°C Series

381LX, 1055°C Series

381LX, 105°C Series

Specifications for 381LX Series:

- Tolerance: ±20%
- Temperature range: -40°C to +105°C
- Voltage range: 16VDC-450VDC
- Life test: 2000 hours @ 105°C at full load

For quantities greater than listed, call for quot

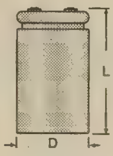
MOUSER STOCK NO.	Manufacturer's Type 381LX	WVDC	Value (µF)	Case D x L (mm)	Price Each		
					1	10	100
5985-16V10000	103M016J012	16	10,000	25 x 25	2.97	2.41	1.97
5985-16V15000	153M016J032	16	15,000	25 x 35	3.45	2.81	2.30
5985-25V10000	103M025J032	25	10,000	25 x 35	3.65	2.97	2.43
5985-25V15000	153M025J452	25	15,000	25 x 45	4.63	3.78	3.09
5985-35V10000	103M035J052	35	10,000	25 x 50	4.77	3.88	3.18
5985-35V22000	223M035A052	35	22,000	35 x 50	9.00	7.34	6.00
5985-200V220	221M200H012	200	220	22 x 25	2.78	2.26	1.85
5985-200V330	331M200J012	200	330	25 x 25	3.36	2.73	2.24
5985-200V390	391M200J022	200	390	25 x 30	3.50	2.86	2.34
5985-200V470	471M200J032	200	470	25 x 35	4.39	3.66	2.63
5985-200V680	681M200J042	200	680	25 x 40	4.82	3.93	3.22
5985-200V1000	102M200K452	200	1,000	30 x 45	6.91	5.63	4.61
5985-200V1200	122M200K052	200	1,200	30 x 50	7.83	6.38	5.22
5985-200V1500	152M200A042	200	1,500	35 x 40	9.37	7.63	6.25
5985-250V180	181M250J012	250	180	25 x 25	3.45	2.88	2.07
5985-250V330	331M250K012	250	330	30 x 25	4.34	3.54	2.89
5985-250V390	391M250J032	250	390	25 x 35	4.89	4.08	2.94
5985-250V680	681M250K452	250	680	30 x 45	7.75	6.46	4.65
5985-250V1000	102M250A452	250	1,000	35 x 45	10.44	8.70	6.27
5985-450V100	101M450J042	450	100	25 x 40	5.08	4.23	3.05
5985-450V150	151M450K022	450	150	30 x 30	6.80	5.67	4.08
5985-450V220	221M450K052	450	220	30 x 50	9.77	8.14	5.86
5985-450V330	331M450A042	450	330	35 x 40	12.83	10.69	7.70
5985-450V470	471M450A052	450	470	35 x 50	15.24	11.29	10.16

Aluminum Electrolytic Capacitors

MALLORY COMPUTER GRADE ALUMINUM ELECTROLYTICS

Specifications:
- Temperature range: -40° to +85°C

DIMENSIONS (IN.)



Mounting Hardware Sold Separately

Mallory CGS Series Equivalents	
Collins - CES Series	Nichicon - NSB Series
Cornell Dubilier - FAH Series	Rubycon - LSA Series
General Electric - 86F Series	Sangamo - 500, DCM Series
Mepco-electra - 3186/91C & 91F Series	Sprague - 36D, 36DX Series

For quantities greater than listed, call for quote.

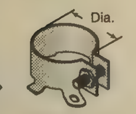
MOUSER STOCK NO.	WVDC	Value (µF)	Case DxL (In.)	Price Each			
				1	25	50	100
539-CGS16V15000	16	15,000	1.375 x 2.625	7.77	7.14	6.58	5.25
539-CGS16V17000	16	17,000	1.375 x 3.125	8.21	7.55	6.96	5.55
539-CGS16V23000	16	23,000	2.0 x 3.125	10.55	9.69	8.93	7.13
539-CGS16V38000	16	38,000	2.0 x 3.125	11.32	10.40	9.59	7.65
539-CGS16V50000	16	50,000	2.0 x 3.125	13.54	12.44	11.47	9.15
539-CGS16V55000	16	55,000	2.0 x 3.625	17.54	16.12	14.85	11.85
539-CGS16V100000	16	100,000	3.0 x 5.125	32.30	29.68	27.35	21.83
539-CGS16V110000	16	110,000	2.5 x 4.125	22.53	20.71	19.08	15.23
539-CGS16V120000	16	120,000	3.0 x 3.625	29.15	26.79	24.68	19.70
539-CGS16V210000	16	210,000	3.0 x 5.875	37.30	34.27	31.58	25.20
539-CGS25V8900	25	8,900	1.375 x 3.125	7.61	7.00	6.45	5.15
539-CGS25V12000	25	12,000	2.0 x 3.125	9.95	9.14	8.42	6.72
539-CGS25V18000	25	18,000	1.375 x 4.125	10.17	9.34	8.61	6.87
539-CGS25V20000	25	20,000	2.0 x 3.125	11.10	10.20	9.40	7.50
539-CGS25V28000	25	28,000	2.0 x 3.125	12.58	11.57	10.66	8.51
539-CGS25V29000	25	29,000	2.0 x 4.125	12.28	11.28	10.40	8.30
539-CGS25V41000	25	41,000	2.0 x 4.125	15.21	13.97	12.88	10.28
539-CGS30V8000	30	8,000	1.375 x 3.125	7.59	6.98	6.43	5.13
539-CGS30V12000	30	12,000	1.375 x 4.125	8.70	8.00	7.37	5.88
539-CGS30V55000	30	55,000	2.5 x 4.125	22.60	20.77	19.14	15.27
539-CGS30V100000	30	100,000	3.0 x 5.625	32.01	29.42	27.11	21.63
539-CGS35V12000	35	12,000	1.375 x 4.125	8.95	8.22	7.58	6.05
539-CGS35V21000	35	21,000	2.0 x 3.125	12.83	11.79	10.87	8.67
539-CGS40V2200	40	2,200	1.375 x 2.125	7.33	6.73	6.20	4.95
539-CGS40V2700	40	2,700	1.375 x 2.125	6.84	6.28	5.79	4.62
539-CGS40V3500	40	3,500	1.375 x 2.125	7.04	6.47	5.96	4.76
539-CGS40V4200	40	4,200	1.375 x 3.125	8.92	8.20	7.56	6.03
539-CGS40V5100	40	5,100	1.375 x 3.125	7.70	7.08	6.52	5.21
539-CGS40V9000	40	9,000	1.375 x 4.125	9.81	9.02	8.31	6.63
539-CGS40V9300	40	9,300	2.0 x 3.125	12.32	11.32	10.43	8.33
539-CGS40V11000	40	11,000	2.0 x 3.125	10.88	10.00	9.21	7.35
539-CGS40V13000	40	13,000	2.0 x 4.125	12.94	11.89	10.96	8.75
539-CGS40V17000	40	17,000	2.0 x 4.125	13.05	12.00	11.05	8.82
539-CGS40V20000	40	20,000	2.0 x 5.625	14.61	13.42	12.37	9.87
539-CGS40V23000	40	23,000	2.0 x 4.125	14.76	13.57	12.50	9.98
539-CGS40V35000	40	35,000	2.0 x 5.625	18.49	16.99	15.66	12.50
539-CGS40V40000	40	40,000	2.5 x 4.125	21.65	19.89	18.33	14.63
539-CGS50V1600	50	1,600	1.375 x 2.125	6.70	6.16	5.68	4.53
539-CGS50V2200	50	2,200	1.375 x 2.125	7.10	6.53	6.02	4.80
539-CGS50V2900	50	2,900	1.375 x 3.125	7.88	7.24	6.67	5.33
539-CGS50V4100	50	4,100	1.375 x 3.125	8.77	8.06	7.43	5.93
539-CGS50V5000	50	5,000	1.375 x 3.125	9.50	8.73	8.05	6.42
539-CGS50V6100	50	6,100	1.375 x 4.125	8.48	7.79	7.18	5.73
539-CGS50V6500	50	6,500	2.0 x 3.125	10.37	9.53	8.78	7.01
539-CGS50V9600	50	9,600	2.0 x 4.125	12.14	11.16	10.28	8.21
539-CGS50V10000	50	10,000	1.375 x 4.125	9.83	9.04	8.33	6.65
539-CGS50V15000	50	15,000	2.0 x 4.125	13.54	12.44	11.47	9.15

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Case DxL (In.)	Price Each			
				1	25	50	100
539-CGS50V18000	50	18,000	2.0 x 3.125	14.47	13.30	12.26	9.78
539-CGS50V20000	50	20,000	2.0 x 4.125	16.14	14.83	13.67	10.91
539-CGS50V25000	50	25,000	2.5 x 4.125	19.05	17.50	16.13	12.87
539-CGS75V1500	75	1,500	1.375 x 3.125	7.50	6.90	6.35	5.07
539-CGS75V2100	75	2,100	1.375 x 3.125	7.84	7.20	6.64	5.30
539-CGS75V2900	75	2,900	1.375 x 3.125	8.44	7.75	7.14	5.70
539-CGS75V4200	75	4,200	1.375 x 4.125	9.04	8.30	7.65	6.11
539-CGS75V4800	75	4,800	2.0 x 3.125	12.32	10.65	9.81	7.83
539-CGS75V10000L	75	10,000	2.0 x 4.125	15.16	13.93	12.84	10.25
539-CGS75V10000S	75	10,000	2.0 x 3.125	15.92	14.63	13.48	10.76
539-CGS75V17000	75	17,000	3.0 x 4.125	25.42	23.36	21.53	17.18
539-CGS75V25000L	75	25,000	2.5 x 5.625	26.64	24.48	22.57	18.00
539-CGS75V25000S	75	25,000	3.0 x 4.125	30.24	27.78	25.61	20.43
539-CGS75V37000	75	37,000	3.0 x 5.625	38.85	35.70	32.90	26.25
539-CGS100V1200	100	1,200	1.375 x 3.125	7.88	7.24	6.67	5.33
539-CGS100V1700	100	1,700	1.375 x 3.125	9.28	8.53	7.86	6.27
539-CGS100V4000	100	4,000	2.0 x 4.125	14.39	13.22	12.18	9.72
539-CGS100V10000	100	10,000	2.5 x 4.125	20.25	18.60	17.15	13.68
539-CGS100V15000	100	15,000	3.0 x 4.125	29.79	27.38	25.23	20.13
539-CGS150V400	150	400	1.375 x 2.125	8.10	7.45	6.86	5.45
539-CGS150V720	150	720	1.375 x 3.125	10.72	9.85	9.08	7.25
539-CGS150V3500	150	3,500	2.0 x 5.625	16.81	15.44	14.23	11.36
539-CGS150V8700	150	8,700	3.0 x 5.875	38.30	35.19	32.43	25.88
539-CGS200V1000	200	1,000	1.375 x 4.125	11.54	10.61	9.78	7.80
539-CGS200V2000	200	2,000	2.0 x 4.125	16.47	15.14	13.95	11.13
539-CGS200V7400	200	7,400	3.0 x 5.625	47.18	43.35	39.95	31.88
539-CGS200V7700	200	7,700	3.0 x 5.625	45.89	42.17	38.86	31.01
539-CGS250V200	250	200	1.375 x 2.125	7.81	7.18	6.62	5.28
539-CGS250V550	250	550	1.375 x 4.125	10.32	9.49	8.74	6.98
539-CGS250V1200	250	1,200	2.0 x 3.125	14.87	13.67	12.60	10.05
539-CGS250V6000	250	6,000	3.0 x 5.625	50.33	46.25	42.62	34.01
539-CGS350V3300	350	3,300	3.0 x 5.625	49.06	45.08	41.55	33.15
539-CGS450V75	450	75	1.375 x 2.125	7.70	7.08	6.52	5.21
539-CGS450V100	450	100	1.375 x 2.125	7.93	7.28	6.71	5.36
539-CGS450V140	450	140	1.375 x 3.125	9.21	8.47	7.80	6.23
539-CGS450V210	450	210	1.375 x 4.125	11.70	10.75	9.90	9.71
539-CGS450V320	450	320	2.0 x 3.125	14.94	13.73	12.65	10.10
539-CGS450V400	450	400	1.375 x 5.625	15.58	14.32	13.20	10.53
539-CGS450V450	450	450	2.0 x 3.125	17.83	16.38	15.10	12.05
539-CGS450V480	450	480	2.0 x 4.125	18.50	16.99	15.66	12.50
539-CGS450V650	450	650	2.0 x 4.125	24.24	22.28	20.53	16.38
539-CGS450V800	450	800	2.0 x 4.625	24.98	22.95	21.15	16.88
539-CGS450V1000	450	1,000	2.5 x 4.125	29.86	27.44	25.29	20.18
539-CGS450V1500	450	1,500	3.0 x 4.125	45.51	41.82	38.54	30.75
539-CGS450V2000	450	2,000	3.0 x 5.125	52.66	48.39	44.59	35.58
539-CGS450V3300	450	3,300	3.0 x 5.625	76.81	70.58	65.05	51.90

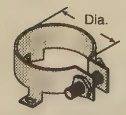
OUNTING HARDWARE

A



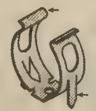
2 Screwdown Tabs

B



3 Screwdown Tabs

C

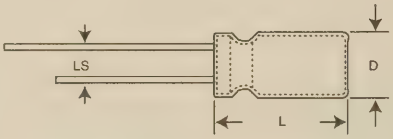


Squeeze ends together & slide in. Tabs retain clip when released.

MOUSER STOCK NO.	Fig.	Diameter (In.)	Description	Price Each	
				1	25
539-VR3	A	1.375 - 1.44	Vertical mount, 2 screwdown tabs	.75	.63
539-VR6	B	1.75 - 1.81	Vertical mount, 3 screwdown tabs	1.21	1.01
539-VR8	B	2 - 2.06	Vertical mount, 3 screwdown tabs	1.11	.92
539-VR10	B	2.5 - 2.56	Vertical mount, 3 screwdown tabs	1.23	1.02
539-VR12	B	3 - 3.125	Vertical mount, 3 screwdown tabs	1.34	1.12
539-TH25	C	1.375 - 1.44	Horizontal mount	1.04	.86

VISHAY TYPE 515D MINIATURE RADIAL LEAD

Specifications:
- Operating temperature: -40°C to +85°
- Capacitance tolerance: ±20%
- Life validation test: 2000 hours @ +85°C
- High CV per case size
- Solvent resistant construction (through 100 WVDC)



10 Volt (13V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D10V47	47	.197 x .433	.079	.12	.08	.06	.05
75-515D10V100	100	.197 x .433	.079	.13	.10	.07	.06
75-515D10V220	220	.248 x .433	.098	.17	.13	.09	.08
75-515D10V330	330	.315 x .453	.138	.22	.16	.12	.10
75-515D10V470	470	.315 x .453	.138	.24	.18	.13	.11
75-515D10V1000	1000	.394 x .630	.197	.38	.29	.21	.17
75-515D10V2200	2200	.492 x .787	.197	.68	.51	.37	.31
75-515D10V3300	3300	.492 x .984	.197	1.00	.75	.55	.45
75-515D10V4700	4700	.630 x .984	.295	1.32	.99	.73	.60
75-515D10V6800	6800	.630 x 1.240	.295	2.01	1.51	1.10	.90
75-515D10V10000	10000	.709 x 1.398	.295	2.62	1.97	1.44	1.18
75-515D10V15000	15000	.709 x 1.575	.295	2.68	2.01	1.47	1.21

16 Volt (20V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D16V33	33	.197 x .433	.079	.12	.08	.06	.05
75-515D16V47	47	.197 x .433	.079	.13	.10	.07	.06
75-515D16V100	100	.248 x .433	.098	.15	.11	.08	.07
75-515D16V220	220	.315 x .453	.138	.17	.13	.09	.08
75-515D16V330	330	.315 x .453	.138	.24	.18	.13	.11
75-515D16V470	470	.394 x .492	.197	.30	.23	.17	.14
75-515D16V1000	1000	.394 x .787	.197	.50	.38	.28	.23
75-515D16V2200	2200	.492 x .984	.197	1.04	.78	.57	.47
75-515D16V3300	3300	.630 x .984	.295	1.45	1.09	.80	.65
75-515D16V4700	4700	.630 x 1.240	.295	1.95	1.46	1.07	.88
75-515D16V6800	6800	.709 x 1.398	.295	2.62	1.97	1.44	1.18
75-515D16V10000	10000	.709 x 1.575	.295	2.68	2.01	1.47	1.21

25 Volt (32V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D25V10	10	.197 x .433	.079	.12	.08	.06	.05
75-515D25V22	22	.197 x .433	.079	.13	.10	.07	.06
75-515D25V33	33	.197 x .433	.079	.13	.10	.07	.06
75-515D25V47	47	.197 x .433	.079	.15	.11	.08	.07
75-515D25V100	100	.248 x .433	.098	.17	.13	.09	.08
75-515D25V220	220	.315 x .453	.138	.24	.18	.13	.11
75-515D25V330	330	.394 x .492	.197	.30	.23	.17	.14
75-515D25V470	470	.394 x .630	.197	.41	.31	.22	.18
75-515D25V1000	1000	.492 x .787	.197	.68	.51	.37	.31
75-515D25V2200	2200	.630 x .984	.295	1.45	1.09	.80	.65
75-515D25V3300	3300	.630 x 1.240	.295	1.95	1.46	1.07	.88
75-515D25V4700	4700	.709 x 1.398	.295	2.62	1.97	1.44	1.18

35 Volt (44V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D35V10	10	.197 x .433	.079	.12	.08	.06	.05
75-515D35V22	22	.197 x .433	.079	.13	.10	.07	.06
75-515D35V33	33	.197 x .433	.079	.15	.11	.08	.07
75-515D35V47	47	.248 x .433	.098	.15	.11	.08	.07
75-515D35V100	100	.315 x .453	.138	.22	.16	.12	.10
75-515D35V220	220	.394 x .492	.197	.30	.23	.17	.14
75-515D35V330	330	.394 x .630	.197	.40	.30	.22	.18
75-515D35V470	470	.394 x .787	.197	.50	.38	.28	.23
75-515D35V1000	1000	.492 x .984	.197	1.04	.78	.57	.47
75-515D35V2200	2200	.630 x 1.240	.295	1.74	1.31	.96	.78
75-515D35V3300	3300	.709 x 1.398	.295	2.62	1.97	1.44	1.18
75-515D35V4700	4700	.709 x 1.598	.295	2.80	2.10	1.54	1.26

50 Volt (63V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D50V0.47	0.47	.197 x .433	.079	.12	.08	.06	.05
75-515D50V1.0	1.0	.197 x .433	.079	.12	.08	.06	.05
75-515D50V2.2	2.2	.197 x .433	.079	.12	.08	.06	.05
75-515D50V3.3	3.3	.197 x .433	.079	.12	.08	.06	.05
75-515D50V4.7	4.7	.197 x .433	.079	.12	.08	.06	.05
75-515D50V10	10	.197 x .433	.079	.13	.10	.07	.06
75-515D50V22	22	.197 x .433	.079	.15	.11	.08	.07
75-515D50V33	33	.248 x .433	.098	.17	.13	.09	.08
75-515D50V47	47	.248 x .433	.098	.17	.13	.09	.08
75-515D50V100	100	.315 x .453	.138	.30	.23	.17	.14
75-515D50V220	220	.394 x .630	.197	.45	.34	.25	.20
75-515D50V330	330	.394 x .787	.197	.52	.39	.29	.23
75-515D50V470	470	.492 x .787	.197	.76	.57	.42	.34
75-515D50V1000	1000	.630 x .984	.295	1.20	.90	.66	.54
75-515D50V2200	2200	.709 x 1.398	.295	2.62	1.97	1.44	1.18

100 Volt (125V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D100V0.47	0.47	.197 x .433	.079	.12	.08	.06	.05
75-515D100V1.0	1.0	.197 x .433	.079	.12	.08	.06	.05
75-515D100V2.2	2.2	.197 x .433	.079	.12	.08	.06	.05
75-515D100V3.3	3.3	.197 x .433	.079	.13	.10	.07	.06
75-515D100V4.7	4.7	.197 x .433	.079	.13	.10	.07	.06
75-515D100V10	10	.248 x .433	.098	.17	.13	.09	.08
75-515D100V22	22	.315 x .453	.138	.22	.16	.12	.10
75-515D100V47	47	.394 x .630	.197	.33	.25	.18	.15
75-515D100V100	100	.492 x .787	.197	.60	.45	.33	.27
75-515D100V220	220	.630 x .984	.295	1.08	.81	.59	.48
75-515D100V330	330	.630 x .984	.295	1.20	.90	.66	.54
75-515D100V470	470	.630 x 1.240	.295	1.70	1.28	.94	.77

160 Volt (200V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D160V2.2	2.2	.248 x .433	.098	.25	.19	.14	.11
75-515D160V3.3	3.3	.315 x .453	.138	.32	.24	.18	.14
75-515D160V4.7	4.7	.315 x .453	.138	.32	.24	.18	.14
75-515D160V10	10	.394 x .492	.197	.40	.30	.22	.18
75-515D160V22	22	.394 x .787	.197	.58	.44	.32	.26
75-515D160V47	47	.492 x .984	.197	.85	.64	.47	.38
75-515D160V100	100	.630 x .984	.295	1.33	1.00	.73	.60
75-515D160V220	220	.709 x 1.398	.295	2.62	1.97	1.44	1.18

250 Volt (300V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D250V1.0	1.0	.248 x .433	.098	.25	.19	.14	.11
75-515D250V2.2	2.2	.315 x .453	.138	.32	.24	.18	.14
75-515D250V3.3	3.3	.394 x .492	.197	.32	.24	.18	.14
75-515D250V4.7	4.7	.394 x .492	.197	.40	.30	.22	.18
75-515D250V10	10	.394 x .787	.197	.58	.44	.32	.26
75-515D250V47	47	.630 x .984	.295	1.33	1.00	.73	.60
75-515D250V100	100	.709 x 1.398	.295	2.70	2.02	1.48	1.21

350 Volt (400V Surge)

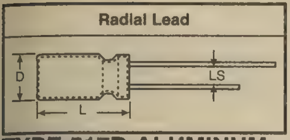
MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D350V1.0	1.0	.315 x .453	.138	.28	.21	.15	.12
75-515D350V3.3	3.3	.394 x .630	.197	.50	.38	.28	.23
75-515D350V4.7	4.7	.394 x .630	.197	.50	.38	.28	.23
75-515D350V22	22	.492 x .984	.197	.85	.64	.47	.38
75-515D350V33	33	.630 x 1.240	.295	1.54	1.16	.85	.69
75-515D350V47	47	.709 x 1.398	.295	2.59	1.94	1.43	1.17

450 Volt (500V Surge)

MOUSER STOCK NO.	Value (µF)	Case Size D x L (In.)	LS	Price Each			
				1	25	100	250
75-515D450V1.0	1.0	.394 x .492	.197	.32	.24	.18	.14
75-515D450V2.2	2.2	.394 x .630	.197	.50	.38	.28	.23
75-515D450V4.7	4.7	.492 x .787	.197	.72	.54	.40	.33
75-515D450V22	22	.630 x 1.240	.295	2.27	1.70	1.25	1.02
75-515D450V33	33	.709 x 1.398	.295	2.59	1.94	1.43	1.17

Aluminum Electrolytic Capacitors

DIMENSIONS (IN.)



Specifications:

- Capacitance tolerance: ±20%
- Life validation test: 2000 hours @ +85°C
  Δ CAP ±20% from initial measurement.
  Δ DF 2 x initial specified limit.
  Δ DCL ≤ initial specified limit.

Features:

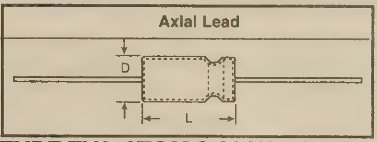
- High CV per case size
- Solvent resistant construction (through 100WVDC)
- High temperature operation
- Life test to 2000 hours @ +105°C

TYPE 517D ALUMINUM +105°C Miniature Radial Lead

MOUSER STOCK NO.	Vishay Part Number	Value (µF)	Case Size D x L (In.)	LS	Price Each		
					1	25	100
10 Volt Operating temperature: -55°C to +105°C							
75-517D10V100	517D107M010JA6A	100	.197 x .433	.079	.19	.14	.10
16 Volt Operating temperature: -55°C to +105°C							
75-517D16V33	517D336M016JA6A	33	.197 x .433	.079	.15	.11	.08
75-517D16V47	517D476MO16JA6A	47	.197 x .433	.079	.19	.14	.10
75-517D16V100	517D107M016AA6A	100	.248 x .433	.098	.23	.17	.13
75-517D16V220	517D227M016BB6A	220	.315 x .453	.138	.28	.21	.16
75-517D16V330	517D337M016BB6A	330	.315 x .453	.138	.38	.28	.21
75-517D16V470	517D477M016CC6A	470	.394 x .492	.197	.41	.31	.23
75-517D16V1000	517D108M016CG6A	1000	.394 x .787	.197	.67	.50	.37
75-517D16V2200	517D228M016DK6A	2200	.492 x .984	.197	1.14	.86	.63
75-517D16V4700	517D478M016EN6A	4700	.630 x 1.240	.295	2.14	1.61	1.81
75-517D16V10000	517D109M016FV6A	10000	.709 x 1.575	.295	3.08	2.30	1.70
25 Volt Operating temperature: -55°C to +105°C							
75-517D25V22	517D226M025JA6A	22	.197 x .433	.079	.19	.14	.10
75-517D25V33	517D336M025JA6A	33	.197 x .433	.079	.19	.14	.10
75-517D25V47	517D476M025JA6A	47	.197 x .433	.079	.22	.17	.12
75-517D25V100	517D107M025AA6A	100	.248 x .433	.098	.27	.20	.15
75-517D25V220	517D227M025BB6A	220	.315 x .453	.138	.38	.28	.21
75-517D25V330	517D337M025CC6A	330	.394 x .492	.197	.48	.36	.27
75-517D25V470	517D477M025CD6A	470	.394 x .630	.197	.65	.49	.36
75-517D25V1000	517D108M025DG6A	1000	.492 x .787	.197	.75	.56	.41
75-517D25V2200	517D228M025EK6A	2200	.630 x .984	.295	1.60	1.20	.88
35 Volt Operating temperature: -55°C to +105°C							
75-517D35V4.7	517D475M035JA6A	4.7	.197 x .433	.079	.15	.11	.08
75-517D35V1000	517D108M035DK6A	1000	.492 x .984	.197	1.14	.86	.63
50 Volt Operating temperature: -55°C to +105°C							
75-517D50V1	517D105M050JA6A	1	.197 x .433	.079	.15	.11	.08
75-517D50V2.2	517D225M050JA6A	2.2	.197 x .433	.079	.15	.11	.08
75-517D50V3.3	517D335M050JA6A	3.3	.197 x .433	.079	.15	.11	.08
75-517D50V4.7	517D475M050JA6A	4.7	.197 x .433	.079	.15	.11	.08
75-517D50V10	517D106M050JA6A	10	.197 x .433	.079	.19	.14	.10
75-517D50V22	517D226M050JA6A	22	.197 x .433	.079	.22	.17	.12
75-517D50V33	517D336M050AA6A	33	.248 x .433	.098	.25	.19	.14
75-517D50V47	517D476M050AA6A	47	.248 x .433	.098	.27	.20	.15
75-517D50V100	517D107M050BB6A	100	.315 x .453	.138	.40	.30	.22
75-517D50V220	517D227M050CD6A	220	.394 x .630	.197	.59	.44	.33
75-517D50V330	517D337M050CG6A	330	.394 x .787	.197	.73	.55	.40
75-517D50V470	517D477M050DG6A	470	.492 x .787	.197	.83	.62	.46
75-517D50V1000	517D108M050EK6A	1000	.630 x .984	.295	1.32	.99	.72
75-517D50V2200	517D228M050FR6A	2200	.709 x 1.398	.295	2.88	2.16	1.59
100 Volt Operating temperature: -55°C to +105°C							
75-517D100V0.47	517D474M100JA6A	0.47	.197 x .433	.079	.15	.11	.08
75-517D100V1	517D105M100JA6A	1	.197 x .433	.079	.15	.11	.08
75-517D100V2.2	517D225M100JA6A	2.2	.197 x .433	.079	.15	.11	.08
75-517D100V3.3	517D335M100JA6A	3.3	.197 x .433	.079	.19	.14	.10
75-517D100V4.7	517D475M100JA6A	4.7	.197 x .433	.079	.19	.14	.10
75-517D100V10	517D106M100AA6A	10	.248 x .433	.098	.25	.19	.14
75-517D100V22	517D226M100BB6A	22	.315 x .453	.138	.28	.21	.16
75-517D100V33	517D336M100CC6A	33	.394 x .492	.197	.38	.28	.21
75-517D100V47	517D476M100CD6A	47	.394 x .630	.197	.42	.32	.23
75-517D100V100	517D107M100DG6A	100	.492 x .787	.197	.66	.49	.36
75-517D100V220	517D227M100EK6A	220	.630 x .984	.295	1.19	.89	.65
75-517D100V330	517D337M100EK6A	330	.630 x .984	.295	1.32	.99	.72
75-517D100V470	517D477M100EN6A	470	.630 x 1.240	.295	1.88	1.41	1.03
160 Volt Operating temperature: -40°C to +105°C							
75-517D160V1	517D105M160AA6A	1	.248 x .433	.098	.23	.17	.13
75-517D160V2.2	517D225M160AA6A	2.2	.248 x .433	.098	.28	.21	.15
75-517D160V10	517D106M160CC6A	10	.394 x .492	.197	.44	.33	.24
75-517D160V22	517D226M160CG6A	22	.394 x .787	.197	.64	.48	.35
75-517D160V33	517D336M160DG6A	33	.492 x .787	.197	.82	.62	.45
75-517D160V47	517D476M160DK6A	47	.492 x .984	.197	.94	.70	.52
75-517D160V100	517D107M160EK6A	100	.630 x .984	.295	1.46	1.10	.81
75-517D160V220	517D227M160FR6A	220	.709 x 1.398	.295	2.88	2.16	1.59
250 Volt Operating temperature: -40°C to +105°C							
75-517D250V1	517D105M250AA6A	1	.248 x .433	.098	.28	.21	.15
75-517D250V2.2	517D225M250BB6A	2.2	.315 x .453	.138	.35	.26	.19
75-517D250V4.7	517D475M250CC6A	4.7	.394 x .492	.197	.44	.33	.24
75-517D250V10	517D106M250CG6A	10	.394 x .787	.197	.64	.48	.35
75-517D250V22	517D226M250DK6A	22	.492 x .984	.197	.82	.62	.45
75-517D250V33	517D336M250DK6A	33	.492 x .984	.197	.94	.70	.52
75-517D250V47	517D476M250EK6A	47	.630 x .984	.295	1.46	1.10	.81
75-517D250V100	517D107M250FR6A	100	.709 x 1.398	.295	2.96	2.22	1.63

TYPE TVA ATOM ® ALUMINUM Miniature Axial Lead

MOUSER STOCK NO.	WVDC	Value (µF)	Case Size D x L (In.)	Price Each			
				1	25	100	250
75-TVA1160	16	100	.312 x .687	.82	.75	.71	.68
75-TVA1161	16	250	.375 x .812	.89	.82	.77	.74
75-TVA1162	16	500	.375 x .937	.95	.86	.81	.78
75-TVA1163	16	1000	.375 x 1.5	1.07	.98	.92	.89
75-TVA1175	16	3000	.625 x 1.5	1.77	1.62	1.52	1.47
75-TVA1175.5	16	5000	1.0 x 2.125	2.98	2.72	2.55	2.47



Specifications:

- Operating temperature:
  -40°C to +85°C (6WVDC~100WVDC)
  -20°C to +85°C (101WVDC~450WVDC)
  -20°C to +65°C (500WVDC~600WVDC)

Features:

- Low leakage current.
- Ideal for application in TV sets, auto radios, radio-phone combinations, and electronic testing equipment

TYPE TVA ATOM ® ALUMINUM Miniature Axial Lead, cont.

MOUSER STOCK NO.	WVDC	Value (µF)	Case Size D x L (In.)	Price Each			
				1	25	100	250
75-TVA1204	25	10.0	.25 x .5	.81	.74	.69	.67
75-TVA1204.5	25	20	.25 x .5	.81	.74	.69	.67
75-TVA1205	25	25	.25 x .5	.81	.74	.69	.67
75-TVA1206	25	50	.25 x .687	.81	.74	.69	.67
75-TVA1207	25	100	.312 x .812	.82	.75	.71	.68
75-TVA1207.5	25	150	.375 x .812	.89	.82	.77	.74
75-TVA1208	25	250	.375 x .937	.95	.86	.81	.78
75-TVA1208.5	25	300	.375 x .937	.95	.86	.81	.78
75-TVA1211	25	1000	.485 x 1.5	1.42	1.30	1.22	1.18
75-TVA1213	25	2000	.625 x 1.75	1.94	1.78	1.67	1.61
75-TVA1300	50	1.0	.25 x .5	.81	.74	.69	.67
75-TVA1301	50	2.0	.25 x .5	.81	.74	.69	.67
75-TVA1303	50	5.0	.25 x .5	.81	.74	.69	.67
75-TVA1305	50	15	.25 x .687	.81	.74	.69	.67
75-TVA1305.5	50	20	.25 x .687	.81	.74	.69	.67
75-TVA1306	50	25	.25 x .687	.81	.74	.69	.67
75-TVA1308	50	50	.312 x .812	.82	.75	.71	.68
75-TVA1310	50	100	.375 x .812	.89	.82	.77	.74
75-TVA1311	50	150	.375 x .937	.95	.86	.81	.78
75-TVA1311.5	50	200	.375 x 1.25	1.00	.92	.96	.83
75-TVA1312	50	250	.375 x 1.5	1.07	.98	.92	.89
75-TVA1315	50	500	.485 x 1.5	1.42	1.30	1.22	1.18
75-TVA1316	50	1000	.625 x 1.75	1.94	1.78	1.67	1.61
75-TVA1318	50	1500	.875 x 2.125	2.73	2.50	2.34	2.26
75-TVA1346	100	100	.438 x 1.5	1.33	1.22	1.14	1.10
75-TVA1376	100	500	1.375 x 3.125	3.23	2.96	2.78	2.68
75-TVA1400	150	1.0	.25 x .5	.81	.74	.69	.67
75-TVA1402	150	4.0	.312 x .812	.82	.75	.71	.68
75-TVA1403	150	5.0	.312 x .812	.82	.75	.71	.68
75-TVA1405	150	8.0	.375 x .812	.89	.82	.77	.74
75-TVA1406	150	10	.375 x .812	.89	.82	.77	.74
75-TVA1409	150	16	.375 x .937	.95	.86	.81	.78
75-TVA1410	150	20	.375 x 1.25	1.00	.91	.86	.83
75-TVA1411	150	25	.375 x 1.25	1.00	.91	.86	.83
75-TVA1413	150	40	.438 x 1.5	1.33	1.22	1.14	1.10
75-TVA1414	150	50	.438 x 1.5	1.33	1.22	1.14	1.10
75-TVA1415	150	60	.625 x 1.5	1.77	1.62	1.52	1.46
75-TVA1420	150	100	.625 x 1.75	1.94	1.78	1.67	1.61
75-TVA1425	150	300	1.125 x 2.625	3.61	3.30	3.09	2.99
75-TVA1442.1	200	20	.438 x 1.25	1.23	1.05	1.02	.98
75-TVA1508	250	20	.438 x 1.5	1.33	1.22	1.14	1.10
75-TVA1620	350	100	1.0 x 2.625	3.85	3.52	3.30	3.19
75-TVA1704	450	8	.485 x 1.75	1.60	1.46	1.37	1.32
75-TVA1709	450	20	.875 x 1.625	2.57	2.50	2.35	2.13
75-TVA1711	450	30	.875 x 1.875	3.24	2.96	2.78	2.68
75-TVA1712	450	40	.875 x 2.125	2.96	2.70	2.54	2.45
75-TVA1716	450	80	1.0 x 2.625	3.83	3.50	3.29	3.18
75-TVA1718	450	100	1.25 x 3.125	5.10	4.53	4.39	4.02
75-TVA1803.1	475	16	.875 x 1.625	2.59	2.52	2.37	2.15
75-TVA1906	500	20	875 x 2.125	2.75	2.51	2.36	2.28
75-TVA1907	500	30	1.0 x 1.625	3.00	2.73	2.57	2.48
75-TVA1908	500	40	1.0 x 2.375	3.47	3.17	2.97	2.87
75-TVA1966	600	20	1.0 x 3.875	6.44	5.89	5.52	5.34

TYPE 53D ALUMINUM +85°C Tubular, Axial Lead

Specifications: • Operating temp.: -40°C to +85°C • Cap. tol.: -10%, +50%; -10%, +75%

MOUSER STOCK NO.	Vishay Part Number	Value (µF)	Case Size D x L (In.)	Price Each		
				1	25	100
25 Volt						
75-53D25V2800	53D282G025GJ6	2800	.76 x 1.641	2.49	2.34	2.06
75-53D25V4300	53D432G025HJ6	4300	.885 x 1.641	3.15	2.99	2.66
75-53D25V6200	53D622G025HL6	6200	.885 x 2.141	3.47	3.27	2.87
75-53D25V11000	53D113G025JP6	11000	1.01 x 2.641	4.22	3.98	3.49
35 Volt						
75-53D35V2100	53D212G035GJ6	2100	.76 x 1.641	2.68	2.52	2.22
75-53D35V3200	53D322G035HJ6	3200	.885 x 1.641	2.96	2.87	2.45
75-53D35V4700	53D472G035HL6	4700	.885 x 2.141	3.20	3.02	2.65
75-53D35V8300	53D832G035JP6	8300	1.01 x 2.641	4.46	4.21	3.70
50 Volt						
75-53D50V1000	53D102G050GE6	1000	.76 x 1.141	2.62	2.48	2.21
75-53D50V1300	53D132G050GJ6	1300	.76 x 1.641	2.71	2.56	2.25
75-53D50V1900	53D192G050HJ6	1900	.885 x 1.641	2.98	2.81	2.47
75-53D50V2800	53D282G050HL6	2800	.885 x 2.141	3.06	2.89	2.54
75-53D50V3800	53D382G050JL6	3800	1.01 x 2.141	3.59	3.38	2.97
75-53D50V5000	53D502G050JP6	5000	1.01 x 2.641	2.49	2.34	2.06
63 Volt						
75-53D63V1000	53D102G063GJ6	1000	.76 x 1.641	2.81	2.66	2.37
75-53D63V2200	53D222G063HL6	2200	.885 x 2.141	3.24	3.05	2.68
200 Volt						
75-53D200V350	53D351F200JL6	350	1.01 x 2.141	3.59	3.38	2.97
75-53D200V460	53D461F200JP6	460	1.01 x 2.641	4.20	3.96	3.72
250 Volt						
75-53D250V100	53D101F250GJ6	100	.76 x 1.641	2.77	2.63	2.34
75-53D250V130	53D131F250HJ6	130	.885 x 1.641	3.06	2.89	2.54
400 Volt						
75-53D400V100	53D101F400JL6	100	1.01 x 2.141	4.11	3.88	3.41
75-53D400V140	53D141F400JS6	140	1.01 x 3.141	4.38	4.13	3.63
75-53D400V150	53D151F400JS6	150	1.01 x 3.141	4.64	4.37	3.84

KEMET Tantalum Electrolytic Capacitors

"ULTRA DIP II" TANTALUM CAPACITORS, 10% TOLERANCE

The KEMET "Ultra Dip II" Series, miniature dipped solid tantalum capacitors, provide the designer with the advantage of compactness plus low leakage and low DF performance characteristics for filtering, bypassing, coupling, blocking and RC timing circuits. The plastic case provides a tough barrier coating and maintains precision of lead wire spacing within ±0.015 inch. The gold color epoxy utilized permits laser marking with outstanding permanency and legibility. All case sizes are printed with capacitance, voltage, polarity, and vendor identification. Solid tantalum devices exhibit no degradation failure mode during shelf storage and show a constantly decreasing failure rate (i.e., absence of wearout mechanism) during life tests. The "UltraDip II" Series provides self-insulation cases which are resistant to shock and vibration. These capacitors exhibit low DCL, ESR and Impedance and have excellent temperature stability.

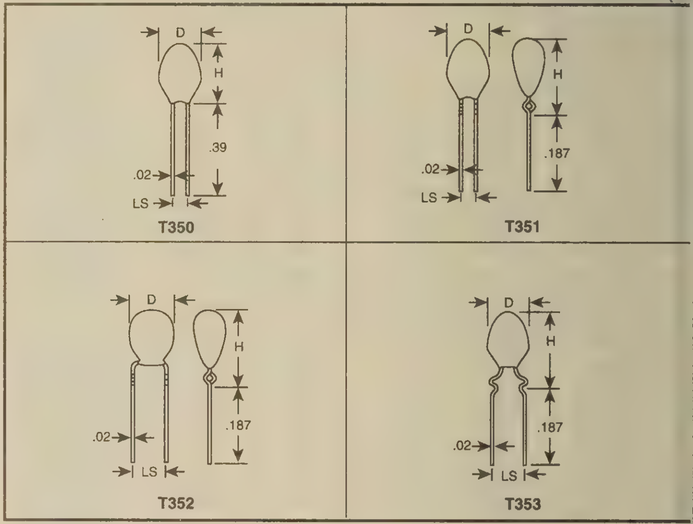
Available in various lead configuration, tolerances, and packaging. Contact a Mouser Sales Representative for more information.

T350, Straight Lead

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
6.3 Volt								
80-T350E336K006	T350E336K006AS	33	.216	.350	.100	**.78**	**.69**	**.53**
80-T350F476K006	T350F476K006AS	47	.258	.390	.100	**.92**	**.81**	**.63**
80-T350G686K006	T350G686K006AS	68	.250	.400	.100	**1.26**	**1.11**	**.86**
80-T350H107K006	T350H107K006AS	100	.300	.400	.100	**2.40**	**2.10**	**1.62**
80-T350L337K006	T350L337K006AS	330	.350	.630	.200	**8.50**	**7.45**	**5.75**
10 Volt								
80-T350A475K010	T350A475K010AS	4.7	.175	.280	.100	**.39**	**.34**	**.26**
80-T350B685K010	T350B685K010AS	6.8	.175	.300	.100	**.46**	**.41**	**.34**
80-T350C106K010	T350C106K010AS	10	.196	.330	.100	**.46**	**.41**	**.31**
80-T350E226K010	T350E226K010AS	22	.216	.350	.100	**.73**	**.64**	**.49**
80-T350F336K010	T350F336K010AS	33	.258	.390	.100	**.84**	**.74**	**.57**
80-T350H476K010	T350H476K010AS	47	.300	.400	.100	**1.77**	**1.55**	**1.20**
80-T350H686K010	T350H686K010AS	68	.300	.400	.100	**2.07**	**1.82**	**1.40**
80-T350J107K010	T350J107K010AS	100	.330	.500	.200	**2.56**	**2.24**	**1.73**
80-T350L227K010	T350L227K010AS	220	.350	.630	.200	**8.50**	**7.45**	**5.75**
16 Volt								
80-T350A155K016	T350A155K016AS	1.5	.175	.280	.100	**.44**	**.39**	**.30**
80-T350A225K016	T350A225K016AS	2.2	.175	.280	.100	**.34**	**.30**	**.27**
80-T350A335K016	T350A335K016AS	3.3	.175	.280	.100	**.34**	**.30**	**.27**
80-T350B475K016	T350B475K016AS	4.7	.175	.300	.100	**.46**	**.41**	**.31**
80-T350E106K016	T350E106K016AS	10	.216	.350	.100	**.48**	**.42**	**.32**
80-T350E156K016	T350E156K016AS	15	.216	.350	.100	**.70**	**.62**	**.48**
80-T350F226K016	T350F226K016AS	22	.258	.390	.100	**.73**	**.64**	**.49**
80-T350H336K016	T350H336K016AS	33	.300	.400	.100	**1.71**	**1.50**	**1.16**
80-T350J476K016	T350J476K016AS	47	.330	.500	.200	**2.18**	**1.90**	**1.47**
80-T350K686K016	T350K686K016AS	68	.350	.530	.200	**2.82**	**2.46**	**1.90**
80-T350L107K016	T350L107K016AS	100	.350	.630	.200	**5.47**	**4.79**	**3.69**
80-T350M157K016	T350M157K016AS	150	.400	.630	.200	**8.50**	**7.45**	**5.75**
20 Volt								
80-T350C475K020	T350C475K020AS	4.7	.196	.330	.100	**.54**	**.47**	**.36**
80-T350E106K020	T350E106K020AS	10	.216	.350	.100	**.62**	**.55**	**.42**
80-T350F156K020	T350F156K020AS	15	.258	.390	.100	**.87**	**.76**	**.59**
80-T350G226K020	T350G226K020AS	22	.250	.400	.100	**1.71**	**1.50**	**1.16**
80-T350K476K020	T350K476K020AS	47	.350	.530	.200	**2.72**	**2.38**	**1.84**
80-T350L686K020	T350L686K020AS	68	.350	.360	.200	**6.12**	**5.36**	**4.13**
80-T350M107K020	T350M107K020AS	100	.400	.670	.200	**6.12**	**5.36**	**4.13**
25 Volt								
80-T350A105K025	T350A105K025AS	1.0	.175	.280	.100	**.34**	**.30**	**.27**
80-T350B225K025	T350B225K025AS	2.2	.175	.300	.100	**.42**	**.37**	**.32**
80-T350B335K025	T350B335K025AS	3.3	.175	.300	.100	**.50**	**.43**	**.34**
80-T350C475K025	T350C475K025AS	4.7	.196	.330	.100	**.57**	**.50**	**.38**
80-T350E106K025	T350E106K025AS	10	.216	.350	.100	**.67**	**.59**	**.45**
80-T350H226K025	T350H226K025AS	22	.300	.400	.100	**1.98**	**1.74**	**1.34**
80-T350J336K025	T350J336K025AS	33	.330	.500	.200	**2.72**	**2.38**	**1.84**
80-T350K476K025	T350K476K025AS	47	.350	.530	.200	**3.97**	**3.47**	**2.67**
80-T350L686K025	T350L686K025AS	68	.350	.630	.200	**8.50**	**7.45**	**5.75**
35 Volt								
80-T350A104K035	T350A104K035AS	0.1	.175	.280	.100	**.30**	**.26**	**.21**
80-T350A224K035	T350A224K035AS	0.22	.175	.280	.100	**.34**	**.30**	**.23**
80-T350A334K035	T350A334K035AS	0.33	.175	.280	.100	**.34**	**.30**	**.27**
80-T350A474K035	T350A474K035AS	0.47	.175	.280	.100	**.34**	**.30**	**.23**
80-T350A684K035	T350A684K035AS	0.68	.175	.280	.100	**.34**	**.30**	**.27**
80-T350A105K035	T350A105K035AS	1.0	.175	.280	.100	**.30**	**.26**	**.25**
80-T350B155K035	T350B155K035AS	1.5	.175	.300	.100	**.40**	**.35**	**.31**
80-T350C225K035	T350C225K035AS	2.2	.196	.330	.100	**.47**	**.42**	**.32**
80-T350D335K035	T350D335K035AS	3.3	.196	.340	.100	**.64**	**.56**	**.43**
80-T350E475K035	T350E475K035AS	4.7	.216	.350	.100	**.62**	**.55**	**.42**
80-T350F685K035	T350F685K035AS	6.8	.258	.390	.100	**.67**	**.59**	**.45**
80-T350G106K035	T350G106K035AS	10	.250	.400	.100	**1.07**	**.93**	**.69**
80-T350J156K035	T350J156K035AS	15	.330	.500	.200	**2.30**	**2.02**	**1.55**
80-T350K226K035	T350K226K035AS	22	.350	.530	.200	**2.43**	**2.13**	**1.65**
80-T350L336K035	T350L336K035AS	33	.350	.630	.200	**5.78**	**5.07**	**3.91**
80-T350M476K035	T350M476K035AS	47	.400	.670	.200	**8.50**	**7.45**	**5.75**
50 Volt								
80-T350A104K050	T350A104K050AS	0.1	.175	.280	.100	**.39**	**.34**	**.26**
80-T350B105K050	T350B105K050AS	1.0	.175	.300	.100	**.43**	**.38**	**.30**
80-T350E225K050	T350E225K050AS	2.2	.216	.350	.100	**.84**	**.74**	**.57**
80-T350F335K050	T350F335K050AS	3.3	.258	.390	.100	**.95**	**.84**	**.64**
80-T350G475K050	T350G475K050AS	4.7	.250	.400	.100	**1.23**	**1.08**	**.83**
80-T350K106K050	T350K106K050AS	10	.350	.530	.200	**3.46**	**3.02**	**2.43**
80-T350M226K050	T350M226K050AS	22	.400	.670	.200	**9.86**	**8.64**	**6.67**

DIMENSIONS (IN



D = max. diameter, H = max. height, LS = lead spacing

T351, Formed Leads

For quantities greater than listed, call for quot

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
10 Volt								
80-T351A475K010	T351A475K010AS	4.7	.175	.380	.100	**.55**	**.48**	**.36**
16 Volt								
80-T351A225K016	T351A225K016AS	2.2	.175	.380	.100	**.44**	**.39**	**.30**
80-T351B475K016	T351B475K016AS	4.7	.175	.390	.100	**.67**	**.59**	**.46**
80-T351F226K016	T351F226K016AS	22	.258	.480	.100	**1.07**	**.94**	**.71**
25 Volt								
80-T351B225K025	T351B225K025AS	2.2	.175	.390	.100	**.57**	**.50**	**.38**
80-T351E106K025	T351E106K025AS	10	.216	.440	.100	**1.07**	**.94**	**.71**
35 Volt								
80-T351A474K035	T351A474K035AS	0.47	.175	.380	.100	**.44**	**.39**	**.30**
80-T351A105K035	T351A105K035AS	1.0	.175	.380	.100	**.44**	**.39**	**.30**
80-T351C225K035	T351C225K035AS	2.2	.196	.420	.100	**.67**	**.59**	**.46**
80-T351G106K035	T351G106K035AS	10	.250	.510	.100	**1.71**	**1.50**	**1.16**

T352, Formed Leads

For quantities greater than listed, call for quote

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
16 Volt								
80-T352F226K016	T352F226K016AS	22	.258	.500	.200	**1.07**	**.94**	**.71**
25 Volt								
80-T352E106K025	T352E106K025AS	1.0	.216	.460	.200	**1.07**	**.94**	**.71**
35 Volt								
80-T352A105K035	T352A105K035AS	1.0	.175	.400	.200	**.44**	**.39**	**.30**
80-T352F685K035	T352F685K035AS	6.8	.258	.500	.200	**1.01**	**.88**	**.69**
80-T352G106K035	T352G106K035AS	10	.250	.510	.200	**1.71**	**1.50**	**1.16**

T353, Formed Leads

For quantities greater than listed, call for quote

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
20 Volt								
80-T353M107K020	T353M107K020AS	100	.400	.760	.200	**9.35**	**8.18**	**6.31**
25 Volt								
80-T353E106K025	T353E106K025AS	10	.216	.460	.200	**1.07**	**.94**	**.71**
80-T353H226K025	T353H226K025AS	22	.300	.520	.200	**2.97**	**2.60**	**2.01**
35 Volt								
80-T353A105K035	T353A105K035AS	1.0	.175	.400	.200	**.44**	**.39**	**.30**
80-T353G106K035	T353G106K035AS	10	.250	.510	.200	**1.71**	**1.50**	**1.16**
80-T353K226K035	T353K226K035AS	22	.350	.630	.200	**3.59**	**3.14**	**2.42**
80-T353M476K035	T353M476K035AS	47	.400	.760	.200	**9.35**	**8.18**	**6.31**
50 Volt								
80-T353K106K050	T353K106K050AS	10	.350	.630	.200	**4.48**	**3.92**	**3.02**

"ULTRA DIP II" TANTALUM CAPACITORS, 10% TOLERANCE

The KEMET "Ultra Dip II" Series, miniature dipped solid tantalum capacitors, provide the designer with the advantage of compactness plus low leakage and low DF performance characteristics for filtering, bypassing, coupling, blocking and RC timing circuits. The plastic case provides a tough barrier coating and maintains precision of lead wire spacing within ±0.015 inch. The gold color epoxy utilized permits laser marking with outstanding permanency and legibility. All case sizes are printed with capacitance, voltage, polarity, and vendor identification. Solid tantalum devices exhibit no degradation failure mode during shelf storage and show a constantly decreasing failure rate (i.e., absence of wearout mechanism) during life tests. The "Ultra Dip II" Series provides self-insulation cases which are resistant to shock and vibration. These capacitors exhibit low DCL, ESR and Impedance and have excellent temperature stability.

Available in various lead configuration, tolerances, and packaging. Contact a Mouser Sales Representative for more information.

T354, Formed Leads

For quantities greater than listed, call for quote.

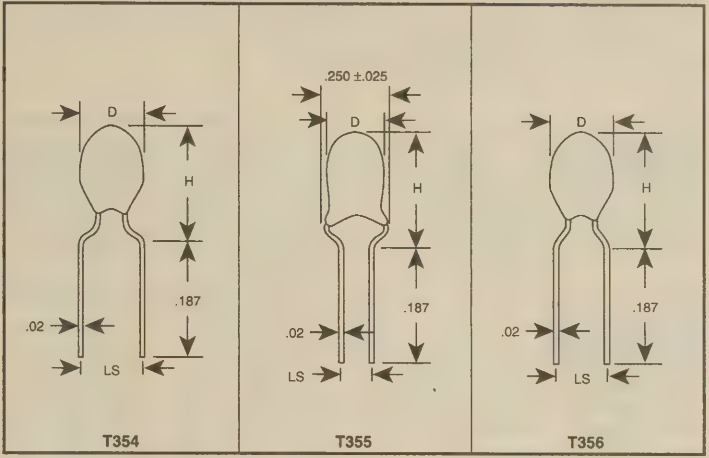
MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
6.3 Volt								
80-T354F476K006	T354F476K006AS	47	.236	.440	.250	**1.07**	**.94**	**.71**
80-T354L337K006	T354L337K006AS	330	.350	.710	.250	**9.35**	**8.18**	**6.31**
10 Volt								
80-T354H476K010	T354H476K010AS	47	.300	.470	.250	**2.07**	**1.82**	**1.40**
80-T354J107K010	T354J107K010AS	100	.330	.550	.250	**3.81**	**3.33**	**2.58**
80-T354L227K010	T354L227K010AS	220	.350	.710	.250	**9.35**	**8.18**	**6.31**
16 Volt								
80-T354E106K016	T354E106K016AS	10	.216	.400	.250	**.81**	**.71**	**.55**
80-T354F226K016	T354F226K016AS	22	.236	.440	.250	**1.07**	**.94**	**.71**
80-T354H336K016	T354H336K016AS	33	.300	.470	.250	**2.07**	**1.82**	**1.40**
80-T354K686K016	T354K686K016AS	68	.350	.610	.250	**3.81**	**3.33**	**2.58**
80-T354L107K016	T354L107K016AS	100	.350	.710	.250	**8.16**	**7.14**	**5.51**
80-T354M157K016	T354M157K016AS	150	.400	.740	.250	**9.35**	**8.18**	**6.31**
20 Volt								
80-T354E106K020	T354E106K020AS	10	.216	.400	.250	**1.01**	**.88**	**.69**
80-T354F156K020	T354F156K020AS	15	.236	.440	.250	**1.09**	**.95**	**.74**
80-T354G226K020	T354G226K020AS	22	.250	.450	.250	**2.04**	**1.79**	**1.38**
80-T354K476K020	T354K476K020AS	47	.350	.610	.250	**3.59**	**3.14**	**2.42**
80-T354L686K020	T354L686K020AS	68	.350	.710	.250	**8.16**	**7.14**	**5.51**
80-T354M107K020	T354M107K020AS	100	.400	.740	.250	**9.35**	**8.18**	**6.31**
25 Volt								
80-T354B225K025	T354B225K025AS	2.2	.175	.350	.250	**.57**	**.50**	**.38**
80-T354C475K025	T354C475K025AS	4.7	.196	.380	.250	**.81**	**.72**	**.55**
80-T354E106K025	T354E106K025AS	10	.216	.400	.250	**1.07**	**.94**	**.71**
80-T354H226K025	T354H226K025AS	22	.300	.470	.250	**2.97**	**2.60**	**2.01**
80-T354J276K025	T354J276K025AS	27	.330	.550	.250	**3.81**	**3.33**	**2.58**
80-T354J336K025	T354J336K025AS	33	.330	.550	.250	**3.81**	**3.33**	**2.58**
80-T354K476K025	T354K476K025AS	47	.350	.610	.250	**5.79**	**5.07**	**3.90**
80-T354L686K025	T354L686K025AS	68	.350	.710	.250	**9.35**	**8.18**	**6.31**
35 Volt								
80-T354A105K035	T354A105K035AS	1.0	.175	.340	.250	**.44**	**.39**	**.30**
80-T354C225K035	T354C225K035AS	2.2	.196	.380	.250	**.67**	**.59**	**.46**
80-T354E475K035	T354E475K035AS	4.7	.216	.400	.250	**.89**	**.78**	**.60**
80-T354F685K035	T354F685K035AS	6.8	.236	.440	.250	**1.01**	**.88**	**.69**
80-T354G106K035	T354G106K035AS	10	.250	.450	.250	**1.71**	**1.50**	**1.16**
80-T354J156K035	T354J156K035AS	15	.330	.550	.250	**3.59**	**3.14**	**2.42**
80-T354K226K035	T354K226K035AS	22	.350	.610	.250	**3.59**	**3.14**	**2.42**
80-T354L336K035	T354L336K035AS	33	.350	.710	.250	**6.29**	**5.51**	**4.25**
80-T354M476K035	T354M476K035AS	47	.400	.740	.250	**9.35**	**8.18**	**6.31**
50 Volt								
80-T354B105K050	T354B105K050AS	1.0	.175	.350	.250	**.57**	**.50**	**.38**
80-T354G475K050	T354G475K050AS	4.7	.250	.450	.250	**1.47**	**1.29**	**.99**
80-T354K106K050	T354K106K050AS	10	.350	.610	.250	**4.48**	**3.92**	**3.02**
80-T354L156K050	T354L156K050AS	15	.350	.710	.250	**5.61**	**4.91**	**3.79**
80-T354M226K050	T354M226K050AS	22	.400	.740	.250	**10.85**	**9.49**	**7.33**

T355, Formed Leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
10 Volt								
80-T355F336K010	T355F336K010AS	33	.236	.440	.125	**1.17**	**1.03**	**.80**
16 Volt								
80-T355E106K016	T355E106K016AS	10	.216	.400	.125	**.81**	**.71**	**.55**
80-T355F226K016	T355F226K016AS	22	.236	.440	.125	**1.07**	**.94**	**.71**
20 Volt								
80-T355E106K020	T355E106K020AS	10	.216	.400	.125	**1.01**	**.88**	**.69**
80-T355F156K020	T355F156K020AS	15	.236	.440	.125	**1.09**	**.95**	**.74**
25 Volt								
80-T355B225K025	T355B225K025AS	2.2	.175	.350	.125	**.57**	**.50**	**.38**
80-T355C475K025	T355C475K025AS	4.7	.196	.380	.125	**.81**	**.72**	**.55**
80-T355E106K025	T355E106K025AS	10	.216	.400	.125	**1.07**	**.94**	**.71**
80-T355H226K025	T355H226K025AS	22	.300	.470	.125	**2.97**	**2.60**	**2.01**

DIMENSIONS (IN.)



D = max. diameter, H = max. height, LS = lead spacing

T355, Formed Leads (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
35 Volt								
80-T355A334K035	T355A334K035AS	0.33	.175	.340	.125	**.44**	**.39**	**.30**
80-T355A105K035	T355A105K035AS	1.0	.175	.340	.125	**.44**	**.39**	**.30**
80-T355B155K035	T355B155K035AS	1.5	.175	.350	.125	**.62**	**.54**	**.42**
80-T355C225K035	T355C225K035AS	2.2	.196	.380	.125	**.67**	**.59**	**.46**
80-T355D335K035	T355D335K035AS	3.3	.196	.390	.125	**.84**	**.74**	**.57**
80-T355E475K035	T355E475K035AS	4.7	.216	.400	.125	**.89**	**.78**	**.60**
80-T355F685K035	T355F685K035AS	6.8	.236	.440	.125	**1.01**	**.88**	**.69**
80-T355G106K035	T355G106K035AS	10	.250	.450	.125	**1.71**	**1.50**	**1.16**
50 Volt								
80-T355B105K050	T355B105K050AS	1.0	.175	.350	.125	**.57**	**.50**	**.38**
80-T355E225K050	T355E225K050AS	2.2	.216	.400	.125	**1.07**	**.94**	**.71**

T356, Formed Leads

For quantities greater than listed, call for quote.

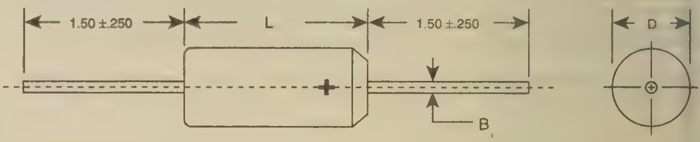
MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.)			Price Each		
			D	H	LS	1	25	100
10 Volt								
80-T356J107K010	T356J107K010AS	100	.330	.550	.200	**2.56**	**2.24**	**1.73**
16 Volt								
80-T356B475K016	T356B475K016AS	4.7	.175	.350	.200	**.46**	**.41**	**.31**
80-T356E106K016	T356E106K016AS	10	.196	.390	.200	**.48**	**.42**	**.38**
80-T356F226K016	T356F226K016AS	22	.236	.440	.200	**.73**	**.64**	**.49**
80-T356H336K016	T356H336K016AS	33	.300	.470	.200	**1.71**	**1.50**	**1.16**
80-T356J476K016	T356J476K016AS	47	.330	.550	.200	**2.18**	**1.90**	**1.47**
80-T356K686K016	T356K686K016AS	68	.350	.610	.200	**2.82**	**2.46**	**1.90**
80-T356L107K016	T356L107K016AS	100	.350	.710	.200	**5.47**	**4.79**	**3.69**
80-T356M157K016	T356M157K016AS	150	.400	.740	.200	**8.50**	**7.45**	**5.75**
20 Volt								
80-T356E106K020	T356E106K020AS	10	.216	.400	.200	**.62**	**.55**	**.38**
80-T356F156K020	T356F156K020AS	15	.236	.440	.200	**.87**	**.76**	**.59**
80-T356M107K020	T356M107K020AS	100	.400	.740	.200	**6.12**	**5.36**	**4.13**
25 Volt								
80-T356C475K025	T356C475K025AS	4.7	.196	.380	.200	**.57**	**.50**	**.38**
80-T356E106K025	T356E106K025AS	10	.216	.400	.200	**.67**	**.59**	**.45**
80-T356H226K025	T356H226K025AS	22	.300	.470	.200	**1.98**	**1.74**	**1.34**
80-T356J336K025	T356J336K025AS	33	.330	.550	.200	**2.72**	**2.38**	**1.84**
80-T356K476K025	T356K476K025AS	47	.350	.610	.200	**3.97**	**3.47**	**2.67**
80-T356L686K025	T356L686K025AS	68	.350	.710	.200	**8.50**	**7.45**	**5.75**
35 Volt								
80-T356A105K035	T356A105K035AS	1.0	.175	.340	.200	**.34**	**.30**	**.27**
80-T356C225K035	T356C225K035AS	2.2	.196	.380	.200	**.47**	**.42**	**.32**
80-T356E475K035	T356E475K035AS	4.7	.216	.400	.200	**.62**	**.55**	**.42**
80-T356G106K035	T356G106K035AS	10	.250	.450	.200	**1.07**	**.93**	**.69**
80-T356K226K035	T356K226K035AS	22	.350	.610	.200	**2.43**	**2.13**	**1.65**
80-T356L336K035	T356L336K035AS	33	.350	.710	.200	**5.78**	**5.07**	**3.91**
50 Volt								
80-T356B105K050	T356B105K050AS	1.0	.175	.350	.200	**.43**	**.38**	**.30**
80-T356K106K050	T356K106K050AS	10	.350	.610	.200	**3.46**	**3.02**	**2.43**
80-T356M226K050	T356M226K050AS	22	.400	.740	.200	**9.86**	**8.64**	**6.67**

KEMET Tantalum Electrolytic Capacitors

T322 SERIES, TANTALUM, MOLDED AXIALS, 10% TOLERANCE

These capacitors offer an extremely high capacitance-to-volume ratio while still maintaining excellent performance. Ideally suited for use in printed wiring boards and all applications requiring a high degree of packaging density.

Typical applications include decoupling, blocking, bypassing and filtering in commercial computers, data processing, communications, and other electronic equipment. The low ESR/impedance at high frequencies offered by this capacitor is especially suitable for decoupling required by high speed computers.



DIMENSIONS (IN.)

6.3 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	Price Each 1	10	100
80-T322B156K006	T322B156K006AS	15	.110	.290	.020	.59	.51	.44
80-T322D476K006	T322D476K006AS	47	.180	.420	.020	1.18	1.04	.88
80-T322D686K006	T322D686K006AS	68	.180	.420	.020	1.26	1.10	.94

10 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	Price Each 1	10	100
80-T322A335K010	T322A335K010AS	3.3	.095	.260	.020	.54	.47	.40
80-T322B475K010	T322B475K010AS	4.7	.110	.290	.020	.59	.51	.44
80-T322B106K010	T322B106K010AS	10	.110	.290	.020	.59	.51	.44
80-T322C226K010	T322C226K010AS	22	.180	.345	.020	1.07	.94	.79
80-T322D336K010	T322D336K010AS	33	.180	.420	.020	1.18	1.04	.88
80-T322D396K010	T322D396K010AS	39	.180	.420	.020	1.18	1.04	.88
80-T322D476K010	T322D476K010AS	47	.180	.420	.020	1.26	1.10	.94
80-T322E107K010	T322E107K010AS	100	.280	.530	.025	3.27	2.88	2.43
80-T322F227K010	T322F227K010AS	220	.300	.710	.025	8.93	7.85	6.64

15 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	Price Each 1	10	100
80-T322B335K015	T322B335K015AS	3.3	.110	.290	.020	.59	.51	.44
80-T322B685K015	T322B685K015AS	6.8	.110	.290	.020	.63	.55	.46
80-T322D226K015	T322D226K015AS	22	.180	.420	.020	1.18	1.04	.88
80-T322D336K015	T322D336K015AS	33	.180	.420	.020	1.26	1.10	.94
80-T322E107K015	T322E107K015AS	100	.280	.530	.025	5.33	4.68	3.96

20 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	Price Each 1	10	100
80-T322A105K020	T322A105K020AS	1.0	.095	.260	.020	.54	.47	.40
80-T322B225K020	T322B225K020AS	2.2	.110	.290	.020	.59	.51	.44
80-T322B475K020	T322B475K020AS	4.7	.110	.290	.020	.63	.55	.46
80-T322C106K020	T322C106K020AS	10	.180	.345	.020	1.07	.94	.79
80-T322D156K020	T322D156K020AS	15	.180	.420	.020	1.18	1.04	.88
80-T322D226K020	T322D226K020AS	22	.180	.420	.020	1.26	1.10	.94
80-T322E476K020	T322E476K020AS	47	.280	.530	.025	3.27	2.88	2.43
80-T322F107K020	T322F107K020AS	100	.300	.710	.025	8.93	7.85	6.64

25 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	Price Each 1	10	100
80-T322A105K025	T322A105K025AS	1.0	.095	.260	.020	.54	.47	.40
80-T322B225K025	T322B225K025AS	2.2	.110	.290	.020	.63	.55	.46
80-T322C685K025	T322C685K025AS	6.8	.180	.345	.020	1.07	.94	.79
80-T322C106K025	T322C106K025AS	10	.180	.345	.020	1.07	.94	.79
80-T322D156K025	T322D156K025AS	15	.180	.420	.020	1.26	1.10	.94
80-T322E226K025	T322E226K025AS	22	.280	.530	.025	3.27	2.88	2.43
80-T322E476K025	T322E476K025AS	47	.280	.530	.025	5.33	4.68	3.96

35 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	Price Each 1	10	100
80-T322A474K035	T322A474K035AS	0.47	.095	.260	.020	.54	.47	.40
80-T322B105K035	T322B105K035AS	1.0	.110	.290	.020	.59	.51	.44
80-T322C225K035	T322C225K035AS	2.2	.180	.345	.020	1.07	.94	.79
80-T322C335K035	T322C335K035AS	3.3	.180	.345	.020	1.07	.94	.79
80-T322C475K035	T322C475K035AS	4.7	.180	.345	.020	1.07	.94	.79
80-T322D565K035	T322D565K035AS	5.6	.180	.420	.020	1.18	1.04	.88
80-T322D685K035	T322D685K035AS	6.8	.180	.420	.020	1.18	1.04	.88
80-T322D106K035	T322D106K035AS	10	.180	.420	.020	1.26	1.10	.94
80-T322E226K035	T322E226K035AS	22	.280	.530	.025	3.27	2.88	2.43
80-T322E336K035	T322E336K035AS	33	.280	.530	.025	5.33	4.68	3.96
80-T322F476K035	T322F476K035AS	47	.300	.710	.025	8.93	7.85	6.64

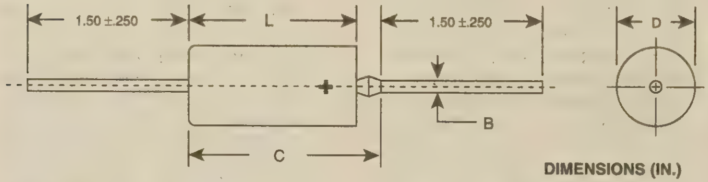
50 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	Price Each 1	10	100
80-T322A104K050	T322A104K050AS	0.1	.095	.260	.020	.62	.55	.47
80-T322B105K050	T322B105K050AS	1.0	.110	.290	.020	.75	.66	.56
80-T322E106K050	T322E106K050AS	10	.280	.530	.025	3.57	3.14	2.66
80-T322F226K050	T322F226K050AS	22	.300	.710	.025	10.80	9.23	7.69

T110 SERIES, TANTALUM HERMETICALLY SEALED, AXIAL, 10% TOLERANCE

KEMET standard hermetic sealed T110 Series are desirable for use in high humidity environments. They are ruggedly built, designed for miniaturized circuitry, and are especially suited for coupling, bypass filtering and R-C timing circuits. They exhibit excellent stability, extremely low DC leakage current, dissipation factor, and ESR/impedance over a wide temperature and frequency range.



DIMENSIONS (IN.)

6.3 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	C	Price Each 1	25	50
80-T110B476K006	T110B476K006AS	47	.185	.474	.020	.610	2.10	1.76	1.57

10 Volt

80-T110A105K010	T110A105K010AS	1.0	.135	.286	.020	.422	1.62	1.36	1.21
80-T110A475K010	T110A475K010AS	4.7	.135	.286	.020	.422	1.62	1.36	1.21
80-T110B106K010	T110B106K010AS	10	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B226K010	T110B226K010AS	22	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B336K010	T110B336K010AS	33	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B396K010	T110B396K010AS	39	.185	.474	.020	.610	2.10	1.76	1.57
80-T110C107K010	T110C107K010AS	100	.289	.686	.025	.822	4.95	4.13	3.72
80-T110C127K010	T110C127K010AS	120	.289	.686	.025	.822	4.95	4.13	3.72
80-T110D227K010	T110D227K010AS	220	.351	.786	.025	.922	12.27	10.23	9.20

15 Volt

80-T110A335K015	T110A335K015AS	3.3	.135	.286	.020	.422	1.62	1.36	1.21
80-T110B226K015	T110B226K015AS	22	.185	.474	.020	.610	2.10	1.76	1.57
80-T110D107K015	T110D107K015AS	100	.351	.786	.025	.922	12.27	10.23	9.20
80-T110D127K015	T110D127K015AS	120	.351	.786	.025	.922	12.27	10.23	9.20

20 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (µF)	Dimensions (In.) D	L	B	C	Price Each 1	25	50
80-T110A105K020	T110A105K020AS	1.0	.135	.286	.020	.422	1.62	1.36	1.21
80-T110A225K020	T110A225K020AS	2.2	.135	.286	.020	.422	1.62	1.36	1.21
80-T110B106K020	T110B106K020AS	10	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B156K020	T110B156K020AS	15	.185	.474	.020	.610	2.10	1.76	1.57
80-T110C476K020	T110C476K020AS	47	.289	.686	.025	.822	4.95	4.13	3.72
80-T110D107K020	T110D107K020AS	100	.351	.786	.025	.922	12.27	10.23	9.20

35 Volt

80-T110A474K035	T110A474K035AS	0.47	.135	.286	.020	.422	1.62	1.36	1.21
80-T110A105K035	T110A105K035AS	1.0	.135	.286	.020	.422	1.62	1.36	1.21
80-T110B225K035	T110B225K035AS	2.2	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B335K035	T110B335K035AS	3.3	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B475K035	T110B475K035AS	4.7	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B565K035	T110B565K035AS	5.6	.185	.474	.020	.610	2.10	1.76	1.57
80-T110B685K035	T110B685K035AS	6.8	.185	.474	.020	.610	2.10	1.76	1.57
80-T110C106K035	T110C106K035AS	10	.289	.686	.025	.822	4.95	4.13	3.72
80-T110C226K035	T110C226K035AS	22	.289	.686	.025	.822	4.95	4.13	3.72
80-T110D476K035	T110D476K035AS	47	.351	.786	.025	.922	12.27	10.23	9.20

50 Volt

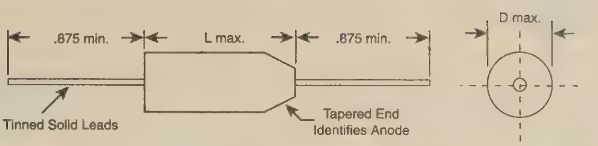
80-T110A103K050	T110A103K050AS	0.01	.135	.286	.020	.422	14.07	11.73	10.55
80-T110A105K050	T110A105K050AS	1.0	.135	.286	.020	.422	1.65	1.38	1.24
80-T110B475K050	T110B475K050AS	4.7	.185	.474	.020	.610	2.22	1.85	1.67
80-T110C106K050	T110C106K050AS	10	.289	.686	.025	.822	5.10	4.26	3.82
80-T110D226K050	T110D226K050AS	22	.351	.786	.025	.922	12.42	10.35	9.32

VISHAY TYPE 173D SOLID TANTALUM CAPACITORS

Improved Type 173D molded case axial-lead TANTALEX® capacitors are designed for high performance automotive, industrial and commercial electronic equipment. Precision molded in gold colored, flame retardant, thermosetting epoxy resin, units are laser marked for improved legibility, while the tapered end of the case provides easy identification of the positive terminal.

- Operating temperature: -55°C to +85°C
- Capacitance tolerance: ±10%

Case Size	D (Max.)	L (Max.)	Lead Diameter
U	.095	.260	.020
V	.110	.290	.020
W	.180	.345	.020
X	.180	.420	.020
Y	.280	.550	.025



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

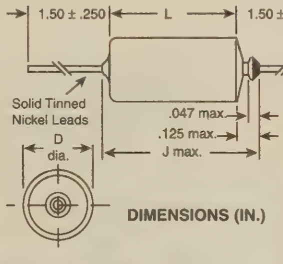
MOUSER STOCK NO.	Manufacturer's Type	WVDC	Value (µF)	Case Size	Price Each 1	25	50	100
74-173D6V68	173D686X9006X	6	68	X	1.43	1.19	1.07	.86
74-173D10V10	173D106X9010V	10	10	V	.56	.46	.42	.33
74-173D10V22	173D226X9010W	10	22	W	1.08	.90	.81	.65
74-173D10V47	173D476X9010X	10	47	X	1.26	1.05	.94	.75
74-173D15V2.2	173D225X9015U	15	2.2	U	.50	.42	.38	.30
74-173D15V6.8	173D685X9015V	15	6.8	V	.62	.52	.47	.37
74-173D15V15	173D156X9015W	15	15	W	1.08	.90	.81	.65
74-173D15V22	173D226X9015X	15	22	X	1.26	1.05	.94	.75
74-173D15V33	173D336X9015X	15	33	X	1.43	1.19	1.07	.86
74-173D20V1.0	173D105X9020U	20	1.0	U	.50	.42	.38	.30
74-173D20V4.7	173D475X9020V	20	4.7	V	.62	.52	.47	.37
74-173D20V22	173D226X9020X	20	22	X	1.43	1.19	1.07	.86
74-173D20V100	173D107X9020Y	20	100	Y	6.99	5.83	5.24	4.19
74-173D25V1.0	173D105X9025U	25	1.0	U	.50	.42	.38	.30
74-173D25V2.2	173D225X9025V	25	2.2	V	.62	.52	.47	.37
74-173D25V3.3	173D335X9025V	25	3.3	V	.62	.52	.47	.37
74-173D25V6.8	173D685X9025W	25	6.8	W	1.08	.90	.81	.65
74-173D25V10	173D106X9025W	25	10	W	1.08	.90	.81	.65
74-173D25V12	173D126X9025X	25	12	X	1.43	1.19	1.07	.86
74-173D25V15	173D156X9025X	25	15	X	1.43	1.19	1.07	.86
74-173D25V47	173D476X9025Y	25	47	Y	4.92	4.10	3.69	2.95
74-173D35V0.1	173D104X9035U	35	0.1	U	.50	.42	.38	.30
74-173D35V0.33	173D334X9035U	35	0.33	U	.50	.42	.38	.30
74-173D35V0.47	173D474X9035U	35	0.47	U	.50	.42	.38	.30
74-173D35V1.0	173D105X9035V	35	1.0	V	.56	.46	.42	.33
74-173D35V1.5	173D155X9035V	35	1.5	V	.62	.52	.47	.37
74-173D35V2.2	173D225X9035W	35	2.2	W	1.08	.90	.81	.65
74-173D35V3.3	173D335X9035W	35	3.3	W	1.08	.90	.81	.65
74-173D35V4.7	173D475X9035W	35	4.7	W	1.08	.90	.81	.65
74-173D35V6.8	173D685X9035X	35	6.8	X	1.26	1.05	.94	.75
74-173D35V10	173D106X9035X	35	10	X	1.43	1.19	1.07	.86
74-173D35V22	173D226X9035Y	35	22	Y	3.69	3.08	2.77	2.21
74-173D35V47	173D476X9035Y	35	47	Y	6.99	5.83	5.24	4.19
74-173D50V0.1	173D104X9050U	50	0.10	U	.57	.47	.43	.34
74-173D50V0.22	173D224X9050U	50	0.22	U	.57	.47	.43	.34
74-173D50V0.47	173D474X9050V	50	0.47	V	.65	.55	.49	.39
74-173D50V1.0	173D105X9050V	50	1.0	V	.76	.63	.57	.46
74-173D50V2.2	173D225X9050W	50	2.2	W	1.22	1.02	.92	.73
74-173D50V4.7	173D475X9050X	50	4.7	X	1.73	1.44	1.29	1.04

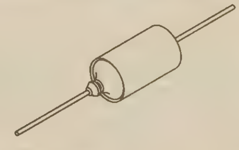
For quantities greater than listed, call for quote

VISHAY TYPE 150D SOLID TANTALUM CAPACITORS

High performance, hermetically-sealed Type 150D TANTALEX capacitors are furnished in four case codes and are supplied with plastic-film insulation. Terminals are axial solid tinned nickel wire leads. The Military equivalent to the 150D is the CSR13 which is qualified to MIL-C-39003/01.

- Operating temperature: -55°C to +85°C
- Capacitance tolerance: ±10%
- Dissipation factor: @120Hz, +25°C
- Life test: 2000 hours @ 85°C





DIMENSIONS (IN.)

Case Size	With Insulating Sleeve D	L	J (Max.)	Lead Size
A	.135 ± .016	.286 ± .031	.422	24AWG
B	.185 ± .016	.474 ± .031	.610	24AWG
R	.289 ± .016	.686 ± .031	.822	22AWG
S	.351 ± .016	.786 ± .031	.922	22AWG

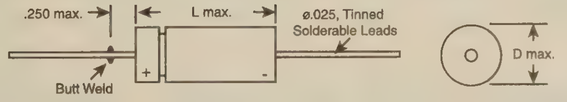
MOUSER STOCK NO.	Manufacturer's Type	WVDC	Value (µF)	Case Size	Price Each 1	25	50	100
74-150D6V47	150D476X9006B2	6	47	B	1.73	1.55	1.38	1.21
74-150D10V4.7	150D475X9010A2	10	4.7	A	1.38	1.24	1.10	.96
74-150D10V33	150D336X9010B2	10	33	B	1.73	1.55	1.38	1.21
74-150D10V39	150D396X9010B2	10	39	B	1.73	1.55	1.38	1.21
74-150D10V100	150D107X9010R2	10	100	R	3.95	3.56	3.16	2.77
74-150D15V3.3	150D335X9015A2	15	3.3	A	1.38	1.24	1.10	.96
74-150D15V22	150D226X9015B2	15	22	B	1.73	1.55	1.38	1.21
74-150D15V150	150D157X9015S2	15	150	S	9.75	8.78	7.80	6.83
74-150D20V2.2	150D225X9020A2	20	2.2	A	1.38	1.24	1.10	.96
74-150D20V10	150D106X9020B2	20	10	B	1.73	1.55	1.38	1.21
74-150D20V15	150D156X9020B2	20	15	B	1.73	1.55	1.38	1.21
74-150D20V39	150D396X9020R2	20	39	R	3.95	3.56	3.16	2.77
74-150D20V47	150D476X9020R2	20	47	R	3.95	3.56	3.16	2.77
74-150D20V68	150D686X9020S2	20	68	S	9.75	8.78	7.80	6.83
74-150D20V100	150D107X9020S2	20	100	S	9.75	8.78	7.80	6.83
74-150D35V0.01	150D103X9035A2	35	0.01	A	8.75	7.88	7.00	6.13
74-150D35V0.1	150D104X9035A2	35	0.1	A	8.75	7.88	7.00	6.13
74-150D35V0.22	150D224X9035A2	35	0.22	A	1.38	1.24	1.10	.96
74-150D35V0.33	150D334X9035A2	35	0.33	A	1.38	1.24	1.10	.96
74-150D35V0.47	150D474X9035A2	35	0.47	A	1.38	1.24	1.10	.96
74-150D35V1.0	150D105X9035A2	35	1.0	A	1.38	1.24	1.10	.96
74-150D35V2.2	150D225X9035B2	35	2.2	B	1.78	1.55	1.38	1.21
74-150D35V3.3	150D335X9035B2	35	3.3	B	1.78	1.55	1.38	1.21
74-150D35V4.7	150D475X9035B2	35	4.7	B	1.73	1.55	1.38	1.21
74-150D35V6.8	150D685X9035B2	35	6.8	B	1.73	1.55	1.38	1.21
74-150D35V10	150D106X9035R2	35	10	R	3.95	3.56	3.16	2.77
74-150D35V15	150D156X9035R2	35	15	R	3.95	3.56	3.16	2.77
74-150D35V22	150D226X9035R2	35	22	R	3.95	3.56	3.16	2.77
74-150D35V33	150D336X9035S2	35	33	S	9.75	8.78	7.80	6.83
74-150D35V39	150D396X9035S2	35	39	S	9.75	8.78	7.80	6.83
74-150D35V47	150D476X9035S2	35	47	S	9.75	8.78	7.80	6.83
74-150D50V0.1	150D104X9050A2	50	0.1	A	1.45	1.31	1.16	1.02
74-150D50V0.47	150D474X9050A2	50	0.47	A	1.45	1.31	1.16	1.02
74-150D50V1.0	150D105X9050A2	50	1.0	A	1.45	1.31	1.16	1.02
74-150D50V3.3	150D335X9050B2	50	3.3	B	1.80	1.62	1.44	1.26
74-150D50V4.7	150D475X9050B2	50	4.7	B	1.80	1.62	1.44	1.26
74-150D50V10	150D106X9050R2	50	10	R	4.13	3.71	3.30	2.89
74-150D50V15	150D156X9050R2	50	15	R	4.13	3.71	3.30	2.89
74-150D50V22	150D226X9050S2	50	22	S	10.25	9.23	8.20	7.18

VISHAY TYPE 109D WET TANTALUM CAPACITORS

109D series fills the basic requirements for applications in the industrial, automotive, and telecommunications design field. Meets the requirements of Military Specification, MIL-C 39006, Style CLR65 (E Seal).

- Operating temperature: -55°C to +85°C
- Capacitance tolerance: ±10%

DIMENSIONS (IN.)



Case Size	Bare Tube D ± 0.016 (Max.)	L ± 0.016 (Max.)	With Plastic-Film Insulating Sleeve D ± 0.016 (Max.)	L (Max.)	Lead Length ± .250
C	.187	.453	.203 + .031	.515	1.500
F	.281	.640	.296 + .031	.703	2.250
T	.375	.765	.390 + .031	.828	2.250

For quantities greater than listed, call for quote.

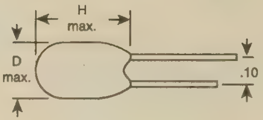
MOUSER STOCK NO.	Manufacturer's Type	WVDC	Value (µF)	Case Size	Price Each 1	20	100	200
74-109D10V120	109D127X9010C2	10	120	C	21.28	20.67	20.06	19.46
74-109D10V470	109D477X9010F2	10	470	F	26.83	26.06	25.29	24.53
74-109D15V100	109D107X9015C2	15	100	C	18.01	17.49	16.98	16.46
74-109D15V390	109D397X9015F2	15	390	F	37.07	36.01	34.95	33.89
74-109D15V820	109D827X9015F2	15	820	T	26.83	26.06	25.29	24.53
74-109D25V560	109D567X9025T2	25	560	T	37.07	36.01	34.95	33.89
74-109D50V33	109D366X9050C2	50	33	C	18.01	17.49	16.98	16.46
74-109D50V120	109D127X9050F2	50	120	F	26.83	26.06	25.29	24.53
74-109D75V15	109D156X9075C2	75	15	C	18.01	17.49	16.98	16.46
74-109D75V47	109D476X9075F2	75	47	F	21.28	20.67	20.06	19.46
74-109D75V82	109D826X9075F2	75	82	F	21.28	20.67	20.06	19.46
74-109D75V180	109D187X9075T2	75	180	T	26.83	26.06	25.29	24.53
74-109D100V10	109D106X9100C2	100	10	C	18.01	17.49	16.98	16.46
74-109D100V39	109D369X9100F2	100	39	F	21.28	20.67	20.06	19.46
74-109D100V68	109D686X9100T2	100	68	T	21.28	20.67	20.06	19.46

Tantalum Capacitors

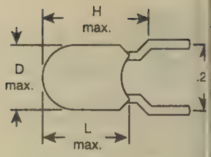
VISHAY TYPE 199D SOLID TANTALUM CAPACITORS

DIMENSIONS (IN.)

Lead Style "A1"
"Long/Short"



Lead Style "E2"
"Outside Hockeystick"



- Operating temperature: -55°C to +85°C
- Capacitance tolerance: ±10%
- Lead size: 24AWG, .010 nom. dia.

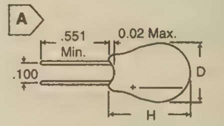
MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	25	100
6.3 Volt (8V Surge)							
74-199D6.3V10	A1	10	.196	.300	.51	.46	.42
74-199D6.3V33	A1	33	.216	.360	.83	.75	.68
74-199D6.3V47	A1	47	.236	.400	.99	.90	.81
74-199D6.3V68	A1	68	.236	.400	1.32	1.20	1.08
74-199D6.3V100	A1	100	.236	.400	2.20	2.00	1.80
74-199D6.3V150	E2	150	.340	.552	2.89	2.63	2.36
10 Volt (13V Surge)							
74-199D10V10	A1	10	.196	.300	.55	.50	.45
74-199D10V22	A1	22	.216	.360	.83	.75	.68
74-199D10V33	A1	33	.236	.400	.99	.90	.81
74-199D10V100	E2	100	.340	.552	2.89	2.63	2.36
74-199D10V220	E2	220	.380	.710	6.33	5.75	5.18
16 Volt (20V Surge)							
74-199D16V3.3	A1	3.3	.177	.280	.45	.41	.37
74-199D16V6.8	A1	6.8	.196	.300	.58	.53	.47
74-199D16V10	A1	10	.216	.360	.61	.55	.50
74-199D16V15	A1	15	.216	.360	.80	.73	.65
74-199D16V22	A1	22	.236	.400	1.05	.95	.86
74-199D16V33	A1	33	.236	.400	1.40	1.28	1.15
74-199D16V47	E2	47	.340	.552	2.06	1.88	1.69

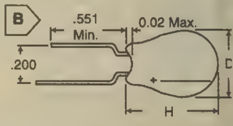
MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	25	100
16 Volt (20V Surge) cont.							
74-199D16V68	E2	68	.340	.552	2.89	2.63	2.36
74-199D16V100	E2	100	.380	.710	4.54	4.13	3.71
20 Volt (25V Surge)							
74-199D20V2.2	A1	2.2	.177	.280	.44	.40	.36
74-199D20V10	A1	10	.216	.360	.72	.65	.59
74-199D20V15	A1	15	.236	.400	1.05	.95	.86
74-199D20V22	A1	22	.236	.400	1.40	1.28	1.15
25 Volt (32V Surge)							
74-199D25V1.5	A1	1.5	.177	.280	.39	.35	.32
74-199D25V2.2	A1	2.2	.177	.280	.44	.40	.36
74-199D25V3.3	A1	3.3	.196	.300	.52	.48	.43
74-199D25V4.7	A1	4.7	.196	.300	.58	.53	.47
74-199D25V6.8	A1	6.8	.216	.360	.69	.63	.56
74-199D25V10	A1	10	.216	.360	.72	.65	.59
74-199D25V15	A1	15	.236	.400	1.16	1.05	.95
74-199D25V22	A1	22	.236	.400	1.51	1.38	1.24
74-199D25V33	E2	33	.340	.552	1.93	1.75	1.58
74-199D25V68	E2	68	.380	.710	6.33	5.75	5.18
35 Volt (44V Surge)							
74-199D35V0.1	A1	0.1	.177	.280	.39	.35	.32

MOUSER STOCK NO.	Fig.	Value (µF)	Dimen. (In.)		Price Each		
			D Max.	H Max.	1	25	100
35 Volt (44V Surge) cont.							
74-199D35V0.15	A1	0.15	.177	.280	.39	.35	.32
74-199D35V0.22	A1	0.22	.177	.280	.39	.35	.32
74-199D35V0.47	A1	0.47	.177	.280	.39	.35	.32
74-199D35V0.68	A1	0.68	.177	.280	.39	.35	.32
74-199D35V1.0	A1	1.0	.177	.280	.39	.35	.32
74-199D35V1.5	A1	1.5	.177	.280	.47	.43	.38
74-199D35V2.2	A1	2.2	.196	.300	.54	.49	.44
74-199D35V3.3	A1	3.3	.196	.300	.61	.55	.50
74-199D35V4.7	A1	4.7	.216	.360	.77	.70	.63
74-199D35V10	A1	10	.236	.400	1.05	.95	.86
74-199D35V15	E2	15	.340	.492	2.20	2.00	1.80
74-199D35V22	E2	22	.340	.492	2.89	2.63	2.36
74-199D35V33	E2	33	.380	.650	4.54	4.13	3.71
50 Volt (63V Surge)							
74-199D50V0.1	A1	0.1	.177	.280	.43	.39	.35
74-199D50V0.22	A1	0.22	.177	.280	.43	.39	.35
74-199D50V0.33	A1	0.33	.177	.280	.43	.39	.35
74-199D50V1.0	A1	1.0	.196	.300	.44	.40	.36
74-199D50V2.2	A1	2.2	.216	.360	.83	.75	.68
74-199D50V10	E2	10	.380	.650	3.16	2.88	2.59

AVX TAP SERIES EPOXY DIPPED RADIAL TANTALUM CAPACITORS

TAP is a professional grade device manufactured with a flame retardant coating and featuring low "leakage current and impedance, very small physical sizes and exceptional temperature stability." It is designed and conditioned to operate to +125C° and is available loose or taped and reeled for auto insertion. The 15 case sizes with wide capacitance and working voltage ranges means the TAP can accommodate almost any application.





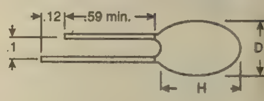
MOUSER STOCK NO.	Fig.	Value (mF)	Dimen. (In.)		Price Each		
			D	H	1	10	100
6.3 Volt (8V Surge) Tolerance ±10%							
581-TAP685K006	A	6.8	.18	.28	.59	.53	.40
581-TAP106K006	A	10	.18	.30	.74	.66	.50
581-TAP226K006	A	22	.20	.35	.99	.88	.66
581-TAP336K006	A	33	.22	.35	1.06	.94	.71
581-TAP476K006	A	47	.24	.39	1.17	1.04	.78
581-TAP686K006	A	68	.26	.39	1.40	1.24	.93
581-TAP107K006	A	100	.28	.41	3.33	2.96	2.22
581-TAP157K006	A	150	.33	.49	4.28	3.80	2.85
10 Volt (13V Surge) Tolerance ±10%							
581-TAP335K010	A	3.3	.18	.28	.59	.53	.40
581-TAP475K010	A	4.7	.18	.28	.59	.53	.40
581-TAP685K010	A	6.8	.18	.30	.83	.74	.56
581-TAP106K010	A	10	.20	.33	.83	.74	.56
581-TAP156K010	A	15	.20	.35	.99	.88	.66
581-TAP226K010	A	22	.22	.35	1.13	1.00	.75
581-TAP336K010	A	33	.24	.39	1.31	1.16	.87
581-TAP476K010	A	47	.26	.39	2.30	2.04	1.53
581-TAP686K010	A	68	.28	.41	3.33	2.96	2.22
581-TAP107K010	B	100	.33	.55	4.28	3.80	2.85
581-TAP157K010	B	150	.35	.63	8.46	7.52	5.64
581-TAP227K010	B	220	.39	.67	10.44	9.28	6.96
16 Volt (20V Surge) Tolerance ±10%							
581-TAP225K016	A	2.2	.18	.28	.59	.53	.40
581-TAP335K016	A	3.3	.18	.28	.59	.53	.40

MOUSER STOCK NO.	Fig.	Value (mF)	Dimen. (In.)		Price Each		
			D	H	1	10	100
16 Volt (20V Surge) Tolerance ±10%							
581-TAP475K016	A	4.7	.18	.30	.74	.66	.50
581-TAP685K016	A	6.8	.20	.33	.88	.78	.59
581-TAP106K016	A	10	.20	.35	.90	.80	.60
581-TAP156K016	A	15	.22	.35	1.19	1.06	.80
581-TAP226K016	A	22	.24	.39	1.19	1.06	.80
581-TAP336K016	A	33	.24	.39	2.30	2.04	1.53
581-TAP476K016	A	47	.31	.45	3.53	3.14	2.36
581-TAP686K016	A	68	.35	.49	4.28	3.80	2.85
581-TAP107K016	B	100	.35	.63	9.09	8.08	6.06
20 Volt (25V Surge) Tolerance ±10%							
581-TAP225K020	A	2.2	.18	.28	.68	.61	.46
581-TAP106K020	A	10	.22	.35	1.13	1.00	.75
581-TAP156K020	A	15	.24	.39	1.22	1.08	.81
581-TAP226K020	A	22	.28	.41	2.25	2.00	1.50
581-TAP336K020	A	33	.31	.45	3.24	2.88	2.16
581-TAP476K020	B	47	.33	.55	4.01	3.56	2.67
581-TAP686K020	B	68	.35	.63	9.00	8.00	6.00
581-TAP107K020	B	100	.35	.63	10.44	9.28	6.96
25 Volt (32V Surge) Tolerance ±10%							
581-TAP105K025	A	1.0	.18	.28	.59	.53	.40
581-TAP155K025	A	1.5	.18	.28	.59	.53	.40
581-TAP225K025	A	2.2	.18	.28	.74	.66	.50
581-TAP335K025	A	3.3	.18	.30	.74	.66	.50
581-TAP475K025	A	4.7	.20	.33	.88	.78	.59
581-TAP685K025	A	6.8	.20	.35	1.19	1.06	.80
581-TAP106K025	A	10	.22	.35	1.19	1.06	.80
581-TAP156K025	A	15	.24	.39	2.54	2.26	1.70
581-TAP226K025	A	22	.28	.41	3.33	2.96	2.22
581-TAP336K025	A	33	.31	.45	4.25	3.78	2.84
581-TAP476K025	B	47	.35	.57	6.44	5.72	4.29

MOUSER STOCK NO.	Fig.	Value (mF)	Dimen. (In.)		Price Each		
			D	H	1	10	100
35 Volt (44V Surge) Tolerance ±10%							
581-TAP104K035	A	0.1	.18	.28	.72	.64	.48
581-TAP154K035	A	0.15	.18	.28	.59	.53	.40
581-TAP224K035	A	0.22	.18	.28	.59	.53	.40
581-TAP334K035	A	0.33	.18	.28	.59	.53	.40
581-TAP474K035	A	0.47	.18	.28	.59	.53	.40
581-TAP684K035	A	0.68	.18	.28	.59	.53	.40
581-TAP105K035	A	1.0	.18	.28	.59	.53	.40
581-TAP155K035	A	1.5	.18	.28	.68	.61	.46
581-TAP225K035	A	2.2	.18	.30	.77	.69	.52
581-TAP335K035	A	3.3	.20	.33	.92	.82	.62
581-TAP475K035	A	4.7	.22	.35	.99	.88	.66
581-TAP685K035	A	6.8	.24	.39	1.15	1.02	.77
581-TAP106K035	A	10	.24	.39	1.91	1.70	1.28
581-TAP156K035	A	15	.28	.41	4.01	3.56	2.67
581-TAP226K035	A	22	.33	.49	4.01	3.56	2.67
581-TAP336K035	B	33	.35	.57	7.02	6.24	4.68
581-TAP476K035	B	47	.35	.63	10.44	9.28	6.96
50 Volt (63V Surge) Tolerance ±10%							
581-TAP104K050	A	0.1	0.18	0.28	.67	.59	.44
581-TAP224K050	A	0.22	0.18	0.28	.50	.44	.33
581-TAP334K050	A	0.33	0.18	0.28	.47	.42	.32
581-TAP474K050	A	0.47	0.18	0.28	.53	.47	.35
581-TAP684K050	A	0.68	0.18	0.30	.52	.47	.35
581-TAP105K050	A	1.0	0.20	0.33	.62	.55	.41
581-TAP225K050	A	2.2	0.22	0.35	.62	.55	.41
581-TAP335K050	A	3.3	0.24	0.39	1.05	.93	.70
581-TAP475K050	A	4.7	0.26	0.39	1.19	1.06	.79

MATSUO 202 SERIES DIPPED SOLID TANTALUM CAPACITORS ±10%

- DC leakage: 0.01 CV or 0.5µA, whichever is greater
- Oper. temp. range: -55°C to +85°C
- Failure rate: Less than 2% per 1000 hrs



DIMENSIONS (IN.)

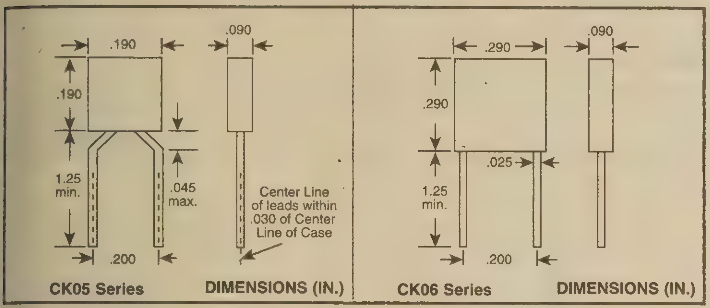
MOUSER STOCK NO.	WVDC	Value (µF)	Dimen. (In.)		Price Each		
			D	H	1	100	500
540-10M06	6.3	10	.150	.256	.44	.24	.20
540-47M06	6.3	47	.217	.335	.98	.52	.41
540-100M06	6.3	100	.256	.453	1.89	1.46	1.13
540-4.7M10	10	4.7	.142	.236	.33	.20	.15
540-10M10	10	10	.157	.276	.53	.29	.23
540-22M10	10	22	.197	.315	.75	.41	.33
540-33M10	10	33	.217	.335	.85	.45	.36
540-47M10	10	47	.217	.374	1.17	.73	.57
540-68M10	10	68	.256	.453	2.38	1.79	1.35
540-3.3M16	16	3.3	.142	.236	.33	.20	.15
540-4.7M16	16	4.7	.150	.256	.44	.24	.20
540-6.8M16	16	6.8	.157	.276	.53	.29	.23
540-10M16	16	10	.189	.295	.61	.33	.26
540-15M16	16	15	.197	.315	.75	.41	.33
540-33M16	16	33	.217	.374	1.17	.73	.57

MOUSER STOCK NO.	WVDC	Value (µF)	Dimen. (In.)		Price Each		
			D	H	1	100	500
540-47M16	16	47	.256	.453	2.38	1.79	1.35
540-68M16	16	68	.295	.512	2.86	2.20	1.72
540-2.2M20	20	2.2	.142	.236	.33	.20	.15
540-4.7M20	20	4.7	.157	.276	.53	.29	.23
540-10M20	20	10	.197	.315	.75	.41	.33
540-15M20	20	15	.217	.335	.94	.50	.40
540-22M20	20	22	.217	.374	1.17	.73	.57
540-1.5M25	25	1.5	.142	.236	.33	.20	.15
540-2.2M25	25	2.2	.150	.256	.44	.24	.20
540-3.3M25	25	3.3	.157	.276	.53	.29	.23
540-4.7M25	25	4.7	.189	.295	.61	.33	.26
540-10M25	25	10	.217	.335	.85	.45	.36
540-15M25	25	15	.217	.374	1.17	.73	.57
540-22M25	25	22	.256	.453	2.86	2.20	1.72
540-47M25	25	47	.315	.551	4.35	3.66	2.87

MOUSER STOCK NO.	WVDC	Value (µF)	Dimen. (In.)		Price Each		
			D	H	1	100	500
540-0.1M35	35	0.1	.142	.236	.33	.20	.15
540-0.15M35	35	0.1	.142	.236	.33	.20	.15
540-0.22M35	35	0.22	.142	.236	.33	.20	.15
540-0.33M35	35	0.33	.142	.236	.33	.20	.15
540-0.47M35	35	0.47	.142	.236	.33	.20	.15
540-1.0M35	35	1.0	.142	.236	.33	.20	.15
540-1.5M35	35	1.5	.150	.256	.44	.24	.20
540-2.2M35	35	2.2	.157	.276	.53	.29	.23
540-4.7M35	35	4.7	.197	.315	.75	.41	.33
540-6.8M35	35	6.8	.217	.335	.94	.50	.40
540-10M35	35	10	.217	.374	1.17	.73	.57
540-15M35	35	15	.256	.453	2.38	1.79	1.35
540-22M35	35	22	.295	.512	2.60	2.20	1.72

KEMET Multilayer Ceramic Capacitors

CK SERIES, CERAMIC MOLDED RADIALS, 10% TOLERANCE



CK05 Series

For quantities greater than listed, call for quote.

MOUSER STOCKNO.	KEMET Part Number	Value (pF)	Volt	PriceEach			
				1	10	100	200
80-CK05BX100K	C052K100K2X5CA	10	200	.30	.24	.19	.15
80-CK05BX120K	C052K120K2X5CA	12	200	.30	.24	.19	.15
80-CK05BX150K	C052K150K2X5CA	15	200	.30	.24	.19	.15
80-CK05BX180K	C052K180K2X5CA	18	200	.30	.24	.19	.15
80-CK05BX220K	C052K220K2X5CA	22	200	.30	.24	.19	.15
80-CK05BX270K	C052K270K2X5CA	27	200	.30	.24	.19	.15
80-CK05BX330K	C052K330K2X5CA	33	200	.30	.24	.19	.15
80-CK05BX390K	C052K390K2X5CA	39	200	.30	.24	.19	.15
80-CK05BX470K	C052K470K2X5CA	47	200	.30	.24	.19	.15
80-CK05BX560K	C052K560K2X5CA	56	200	.30	.24	.19	.15
80-CK05BX680K	C052K680K2X5CA	68	200	.30	.24	.19	.15
80-CK05BX820K	C052K820K2X5CA	82	200	.30	.24	.19	.15
80-CK05BX101K	C052K101K2X5CA	100	200	.30	.24	.19	.15
80-CK05BX121K	C052K121K2X5CA	120	200	.30	.24	.19	.15
80-CK05BX151K	C052K151K2X5CA	150	200	.30	.24	.19	.15
80-CK05BX181K	C052K181K2X5CA	180	200	.30	.24	.19	.15
80-CK05BX221K	C052K221K2X5CA	220	200	.30	.24	.19	.15
80-CK05BX271K	C052K271K2X5CA	270	200	.30	.24	.19	.15
80-CK05BX331K	C052K331K2X5CA	330	200	.30	.24	.19	.15
80-CK05BX391K	C052K391K2X5CA	390	200	.30	.24	.19	.15
80-CK05BX471K	C052K471K2X5CA	470	200	.30	.24	.19	.15
80-CK05BX561K	C052K561K2X5CA	560	200	.30	.24	.19	.15
80-CK05BX681K	C052K681K2X5CA	680	200	.30	.24	.19	.15
80-CK05BX821K	C052K821K2X5CA	820	200	.30	.24	.19	.15
80-CK05BX102K	C052K102K2X5CA	1000	200	.30	.24	.19	.15
80-CK05BX122K	C052K122K1X5CA	1200	100	.30	.24	.19	.15
80-CK05BX152K	C052K152K1X5CA	1500	100	.30	.24	.19	.15

CK05 Series (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCKNO.	KEMET Part Number	Value (pF)	Volt	PriceEach			
				1	10	100	200
80-CK05BX182K	C052K182K1X5CA	1800	100	.30	.24	.19	.15
80-CK05BX222K	C052K222K1X5CA	2200	100	.30	.24	.19	.15
80-CK05BX272K	C052K272K1X5CA	2700	100	.30	.24	.19	.15
80-CK05BX332K	C052K332K1X5CA	3300	100	.30	.24	.19	.15
80-CK05BX392K	C052K392K1X5CA	3900	100	.30	.24	.19	.15
80-CK05BX472K	C052K472K1X5CA	4700	100	.30	.24	.19	.15
80-CK05BX562K	C052K562K1X5CA	5600	100	.30	.24	.19	.15
80-CK05BX682K	C052K682K1X5CA	6800	100	.32	.26	.20	.16
80-CK05BX822K	C052K822K1X5CA	8200	100	.32	.26	.20	.16
80-CK05BX103K	C052K103K1X5CA	10,000	100	.32	.26	.20	.16
80-CK05BX123K	C052K123K5X5CA	12,000	50	.38	.31	.24	.19
80-CK05BX153K	C052K153K5X5CA	15,000	50	.38	.31	.24	.19
80-CK05BX223K	C052K223K5X5CA	22,000	50	.38	.31	.24	.19
80-CK05BX273K	C052K273K5X5CA	27,000	50	.38	.31	.24	.19
80-CK05BX333K	C052K333K5X5CA	33,000	50	.42	.34	.26	.21
80-CK05BX393K	C052K393K5X5CA	39,000	50	.42	.34	.26	.21
80-CK05BX473K	C052K473K5X5CA	47,000	50	.42	.34	.26	.21
80-CK05BX563K	C052K563K5X5CA	56,000	50	.42	.34	.26	.21
80-CK05BX683K	C052K683K5X5CA	68,000	50	.42	.34	.26	.21
80-CK05BX104K	C052K104K5X5CA	0.1uF	50	.42	.34	.26	.21

CK06 Series

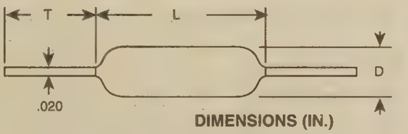
For quantities greater than listed, call for quote.

80-CK06BX152K	C062K152K2X5CA	1500	200	.34	.28	.21	.17
80-CK06BX222K	C062K222K2X5CA	2200	200	.34	.28	.21	.17
80-CK06BX332K	C062K332K2X5CA	3300	200	.34	.28	.21	.17
80-CK06BX392K	C062K392K2X5CA	3900	200	.34	.28	.21	.17
80-CK06BX472K	C062K472K2X5CA	4700	200	.34	.28	.21	.17
80-CK06BX682K	C062K682K2X5CA	6800	200	.34	.28	.21	.17
80-CK06BX103K	C062K103K2X5CA	10,000	200	.34	.28	.21	.17
80-CK06BX223K	C062K223K1X5CA	22,000	100	.40	.33	.25	.20
80-CK06BX333K	C062K333K1X5CA	33,000	100	.44	.36	.28	.22
80-CK06BX473K	C062K473K1X5CA	47,000	100	.44	.36	.28	.22
80-CK06BX683K	C062K683K1X5CA	68,000	100	.44	.36	.28	.22
80-CK06BX104K	C062K104K1X5CA	0.1µF	100	.44	.36	.28	.22
80-CK06BX154K	C062K154K5X5CA	.15µF	50	.98	.80	.61	.49
80-CK06BX224K	C062K224K5X5CA	.22µF	50	1.02	.83	.64	.51
80-CK06BX274K	C062K274K5X5CA	.27µF	50	1.52	1.24	.95	.76
80-CK06BX334K	C062K334K5X5CA	.33µF	50	1.52	1.24	.95	.76
80-CK06BX394K	C062K394K5X5CA	.39µF	50	1.90	1.54	1.19	.95
80-CK06BX474K	C062K474K5X5CA	.47µF	50	1.90	1.54	1.19	.95
80-CK06BX564K	C062K564K5X5CA	.56µF	50	2.52	2.05	1.58	1.26
80-CK06BX684K	C062K684K5X5CA	.68µF	50	2.52	2.05	1.58	1.26
80-CK06BX824K	C114K824K5X5CA	.82µF	50	2.52	2.05	1.58	1.26
80-CK06BX105K	C062K105K5X5CA	1.0µF	50	2.52	2.05	1.58	1.26

C4XX SERIES, "AXIMAX" CONFORMALLY COATED AXIALS

Temperature Characteristics:

- COG: 0 ±30ppm/°C from -55°C to +125°C
- X7R: ±15% from -55°C to +125°C
- Z5U: +22% from; -56% from +10°C to +85°C



Specifications:

- Solder coated copper clad steel leads
- Epoxy encapsulated - meets flame test requirements of UL Standard 94V-0
- High-temperature solder - meets EIA RS-198D, Method 302, Condition B (260°C for 10 sec.)

Temp Coef: C0G, 5% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions (In.)			Price Each		
			L	D	T	1	10	100
100 Volt								
80-C410C100J1G	C410C100J1G5CA	10	.170	.100	1.00	.22	.17	.14
80-C410C150J1G	C410C150J1G5CA	15	.170	.100	1.00	.22	.17	.14
80-C410C180J1G	C410C180J1G5CA	18	.170	.100	1.00	.22	.17	.14
80-C410C220J1G	C410C220J1G5CA	22	.170	.100	1.00	.22	.17	.14
80-C410C270J1G	C410C270J1G5CA	27	.170	.100	1.00	.22	.17	.14
80-C410C330J1G	C410C330J1G5CA	33	.170	.100	1.00	.22	.17	.14
80-C410C470J1G	C410C470J1G5CA	47	.170	.100	1.00	.22	.17	.14
80-C410C820J1G	C410C820J1G5CA	82	.170	.100	1.00	.22	.17	.14
80-C410C101J1G	C410C101J1G5CA	100	.170	.100	1.00	.20	.15	.12
80-C410C151J1G	C410C151J1G5CA	150	.170	.100	1.00	.22	.17	.14
80-C410C221J1G	C410C221J1G5CA	220	.170	.100	1.00	.22	.17	.14
80-C410C331J1G	C410C331J1G5CA	330	.170	.100	1.00	.22	.17	.14
80-C410C471J1G	C410C471J1G5CA	470	.170	.100	1.00	.22	.17	.14
80-C410C102J1G	C410C102J1G5CA	1000	.170	.100	1.00	.21	.16	.13
80-C430C332J1G	C430C332J1G5CA	3300	.290	.150	1.00	.55	.41	.35
80-C430C472J1G	C430C472J1G5CA	4700	.290	.150	1.00	.55	.41	.35
200 Volt								
80-C410C220J2G	C410C220J2G5CA	22	.170	.100	1.00	.22	.17	.14
80-C410C330J2G	C410C330J2G5CA	33	.170	.100	1.00	.22	.17	.14
80-C410C101J2G	C410C101J2G5CA	100	.170	.100	1.00	.20	.15	.12

Temp Coef: X7R, 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions (In.)			Price Each		
			L	D	T	1	10	100
50 Volt								
80-C410C102K5R	C410C102K5R5CA	1000	.170	.100	1.00	.15	.11	.10
80-C410C103K5R	C410C103K5R5CA	10,000	.170	.100	1.00	.13	.10	.08
80-C410C223K5R	C410C223K5R5CA	22,000	.170	.100	1.00	.22	.17	.14
80-C410C333K5R	C410C333K5R5CA	33,000	.170	.100	1.00	.22	.17	.14
80-C410C473K5R	C410C473K5R5CA	47,000	.170	.100	1.00	.24	.18	.15
80-C412C104K5R	C412C104K5R5CA	0.1µF	.170	.120	1.00	.15	.11	.10
80-C430C154K5R	C430C154K5R5CA	.15µF	.290	.150	1.00	.50	.37	.31
80-C430C224K5R	C430C224K5R5CA	.22µF	.290	.150	1.00	.74	.55	.46
80-C440C474K5R	C440C474K5R5CA	.47µF	.400	.150	1.00	1.20	.90	.75
100 Volt								
80-C410C821K1R	C410C821K1R5CA	820	.170	.100	1.00	.17	.13	.11
80-C410C102K1R	C410C102K1R5CA	1000	.170	.100	1.00	.15	.11	.10
80-C410C152K1R	C410C152K1R5CA	1500	.170	.100	1.00	.17	.13	.11
80-C410C222K1R	C410C222K1R5CA	2200	.170	.100	1.00	.17	.13	.11
80-C410C472K1R	C410C472K1R5CA	4700	.170	.100	1.00	.17	.13	.11
80-C410C103K1R	C410C103K1R5CA	10,000	.170	.100	1.00	.14	.10	.09
80-C430C473K1R	C430C473K1R5CA	47,000	.290	.150	1.00	.36	.27	.23
80-C430C104K1R	C430C104K1R5CA	0.1µF	.290	.150	1.00	.40	.30	.25

Temp Coef: Z5U, 20% Tolerance

For quantities greater than listed, call for quote.

50 Volt								
80-C410C103M5U	C410C103M5U5CA	10,000	.170	.100	1.00	.10	.08	.06
80-C410C104M5U	C410C104M5U5CA	0.1µF	.170	.100	1.00	.10	.08	.06
80-C412C334M5U	C412C334M5U5CA	.22µF	.170	.120	1.00	.31	.23	.19
80-C420C334M5U	C420C334M5U5CA	.33µF	.260	.100	1.00	.31	.23	.19
80-C430C474M5U	C430C474M5U5CA	.47µF	.290	.150	1.00	.50	.38	.31
80-C430C105M5U	C430C105M5U5CA	1.0µF	.290	.150	1.00	.64	.48	.40
80-C440C105M5U	C440C105M5U5CA	1.0µF	.400	.150	1.00	.64	.48	.40
100 Volt								
80-C410C103M1U	C410C103M1U5CA	10,000	.170	.100	1.00	.10	.08	.06
80-C430C104M1U	430C104M1U5CA	0.1µF	.290	.150	1.00	.26	.20	.16
80-C440C224M1U	C440C224M1U5CA	.22µF	.400	.150	1.00	.46	.35	.29

CERAMIC "GOLDEN MAX" CONFORMAL COATED, RADIALS, COG (NPO)

- Temperature characteristics: 0 ±30ppm/°C from -55°C to +125°C
- Epoxy encapsulated
- Meets flame test requirements of UL Standard 94V-0

Also available in various lead formations, tolerances and packaging. Please contact a Mouser Sales Representative for information.

C315 Series, 5% Tolerance, Straight Leads, COG (NPO)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions (In.)				Price Each		
			D	H	T	LS	1	25	100
100 Volt									
80-C315C150J1G	C315C150J1G5CA	15	.150	.210	.100	.100	.22	.19	.15
80-C315C220J1G	C315C220J1G5CA	22	.150	.210	.100	.100	.22	.19	.15
80-C315C330J1G	C315C330J1G5CA	33	.150	.210	.100	.100	.22	.19	.15
80-C315C390J1G	C315C390J1G5CA	39	.150	.210	.100	.100	.22	.19	.15
80-C315C470J1G	C315C470J1G5CA	47	.150	.210	.100	.100	.22	.19	.15
80-C315C101J1G	C315C101J1G5CA	100	.150	.210	.100	.100	.22	.19	.15
80-C315C121J1G	C315C121J1G5CA	120	.150	.210	.100	.100	.20	.18	.14
80-C315C151J1G	C315C151J1G5CA	150	.150	.210	.100	.100	.20	.18	.14
80-C315C181J1G	C315C181J1G5CA	180	.150	.210	.100	.100	.20	.18	.14
80-C315C221J1G	C315C221J1G5CA	220	.150	.210	.100	.100	.20	.18	.14
80-C315C331J1G	C315C331J1G5CA	330	.150	.210	.100	.100	.20	.18	.14
80-C315C391J1G	C315C391J1G5CA	390	.150	.210	.100	.100	.20	.18	.14
80-C315C471J1G	C315C471J1G5CA	470	.150	.210	.100	.100	.20	.18	.14
80-C315C561J1G	C315C561J1G5CA	560	.150	.210	.100	.100	.20	.18	.14
80-C315C681J1G	C315C681J1G5CA	680	.150	.210	.100	.100	.29	.25	.19
80-C315C821J1G	C315C821J1G5CA	820	.150	.210	.100	.100	.29	.25	.19
80-C315C102J1G	C315C102J1G5CA	1000	.150	.210	.100	.100	.23	.20	.16
200 Volt									
80-C315C100J2G	C315C100J2G5CA	10	.150	.210	.100	.100	.20	.18	.14
80-C315C150J2G	C315C150J2G5CA	15	.150	.210	.100	.100	.22	.19	.15
80-C315C180J2G	C315C180J2G5CA	18	.150	.210	.100	.100	.22	.19	.15
80-C315C270J2G	C315C270J2G5CA	27	.150	.210	.100	.100	.22	.19	.15
80-C315C330J2G	C315C330J2G5CA	33	.150	.210	.100	.100	.22	.19	.15
80-C315C390J2G	C315C390J2G5CA	39	.150	.210	.100	.100	.22	.19	.15
80-C315C470J2G	C315C470J2G5CA	47	.150	.210	.100	.100	.22	.19	.15
80-C315C560J2G	C315C560J2G5CA	56	.150	.210	.100	.100	.22	.19	.15
80-C315C680J2G	C315C680J2G5CA	68	.150	.210	.100	.100	.22	.19	.15
80-C315C101J2G	C315C101J2G5CA	100	.150	.210	.100	.100	.22	.19	.15
80-C315C151J2G	C315C151J2G5CA	150	.150	.210	.100	.100	.24	.21	.17
80-C315C181J2G	C315C181J2G5CA	180	.150	.210	.100	.100	.24	.21	.17
80-C315C221J2G	C315C221J2G5CA	220	.150	.210	.100	.100	.24	.21	.17
80-C315C331J2G	C315C331J2G5CA	330	.150	.210	.100	.100	.29	.25	.19
80-C315C471J2G	C315C471J2G5CA	470	.150	.210	.100	.100	.29	.25	.19

C320 Series, 5% Tolerance, Straight Leads, COG (NPO)

100 Volt									
80-C320C152J1G	C320C152J1G5CA	1500	.200	.260	.125	.100	.29	.25	.19
80-C320C182J1G	C320C182J1G5CA	1800	.200	.260	.125	.100	.29	.25	.19
80-C320C222J1G	C320C222J1G5CA	2200	.200	.260	.125	.100	.29	.25	.19
80-C320C272J1G	C320C272J1G5CA	2700	.200	.260	.125	.100	.29	.25	.19
80-C320C332J1G	C320C332J1G5CA	3300	.200	.260	.125	.100	.33	.29	.22
80-C320C472J1G	C320C472J1G5CA	4700	.200	.260	.125	.100	.35	.31	.24
200 Volt									
80-C320C561J2G	C320C561J2G5CA	560	.200	.260	.125	.100	.29	.25	.19
80-C320C102J2G	C320C102J2G5CA	1000	.200	.260	.125	.100	.30	.26	.20
80-C320C122J2G	C320C122J2G5CA	1200	.200	.260	.125	.100	.33	.29	.22
80-C320C152J2G	C320C152J2G5CA	1500	.200	.260	.125	.100	.33	.29	.22
80-C320C222J2G	C320C222J2G5CA	2200	.200	.260	.125	.100	.33	.29	.22

C330 Series, 5% Tolerance, Straight Leads, COG (NPO)

100 Volt									
80-C330C682J1G	C330C682J1G5CA	6800	.300	.360	.150	.200	.66	.58	.45
80-C330C822J1G	C330C822J1G5CA	8200	.300	.360	.150	.200	.66	.58	.45
80-C330C103J1G	C330C103J1G5CA	10,000	.300	.360	.150	.200	.82	.71	.55
80-C330C123J1G	C330C123J1G5CA	12,000	.300	.360	.150	.200	1.03	.90	.70
80-C330C153J1G	C330C153J1G5CA	15,000	.300	.360	.150	.200	1.03	.90	.70
80-C330C223J1G	C330C223J1G5CA	22,000	.300	.360	.150	.200	1.54	1.34	1.04
80-C330C273J1G	C330C273J1G5CA	27,000	.300	.360	.150	.200	1.66	1.45	1.12
200 Volt									
80-C330C103J2G	C330C103J2G5CA	10,000	.300	.360	.150	.200	.92	.81	.62

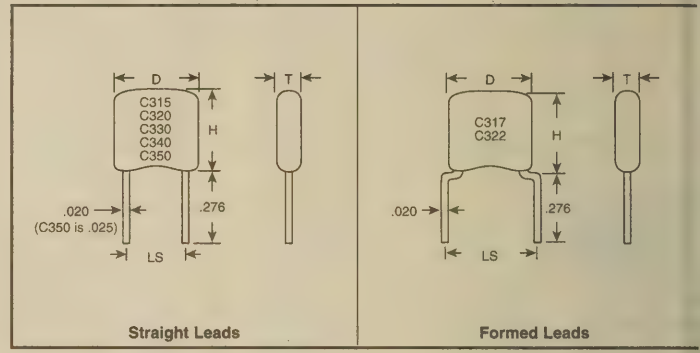
C340 Series, 5% Tolerance, Straight Leads, COG (NPO)

100 Volt									
80-C340C333J1G	C340C333J1G5CA	33,000	.400	.460	.150	.200	3.18	2.78	2.15
80-C340C473J1G	C340C473J1G5CA	47,000	.400	.460	.150	.200	3.55	3.10	2.39
80-C340C563J1G	C340C563J1G5CA	56,000	.400	.460	.150	.200	3.55	3.10	2.39
80-C340C683J1G	C340C683J1G5CA	68,000	.400	.460	.150	.200	3.98	3.48	2.68

C350 Series, 5% Tolerance, Straight Leads, COG (NPO)

100 Volt									
80-C350C104J1G	C350C104J1G5CA	0.1µF	.500	.560	.200	.400	5.88	5.15	3.97
80-C350C473J2G	C350C473J2G5CA	47,000	.500	.560	.200	.200	4.88	4.27	3.29

DIMENSIONS (IN.)



Straight Leads

Formed Leads

C317 Series, 5% Tolerance, Formed Leads, COG (NPO)

For quantities greater than listed, call for quot

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions (In.)				Price Each		
			D	H	T	LS	1	25	100
100 Volt									
80-C317C181J1G	C317C181J1G5CA	180	.150	.230	.100	.200	.21	.18	.14
80-C317C221J1G	C317C221J1G5CA	220	.150	.230	.100	.200	.21	.18	.14
80-C317C331J1G	C317C331J1G5CA	330	.150	.230	.100	.200	.21	.18	.14
80-C317C102J1G	C317C102J1G5CA	1000	.150	.230	.100	.200	.25	.20	.16
200 Volt									
80-C317C100J2G	C317C100J2G5CA	10	.150	.230	.100	.200	.21	.18	.14
80-C317C150J2G	C317C150J2G5CA	15	.150	.230	.100	.200	.23	.19	.15
80-C317C180J2G	C317C180J2G5CA	18	.150	.230	.100	.200	.23	.19	.15
80-C317C220J2G	C317C220J2G5CA	22	.150	.230	.100	.200	.23	.19	.15
80-C317C270J2G	C317C270J2G5CA	27	.150	.230	.100	.200	.23	.19	.15
80-C317C330J2G	C317C330J2G5CA	33	.150	.230	.100	.200	.23	.19	.15
80-C317C560J2G	C317C560J2G5CA	56	.150	.230	.100	.200	.23	.19	.15
80-C317C101J2G	C317C101J2G5CA	100	.150	.230	.100	.200	.23	.19	.15
80-C317C471J2G	C317C471J2G5CA	470	.150	.230	.100	.200	.31	.25	.19

C322 Series, 5% Tolerance, Formed Leads, COG (NPO)

For quantities greater than listed, call for quot

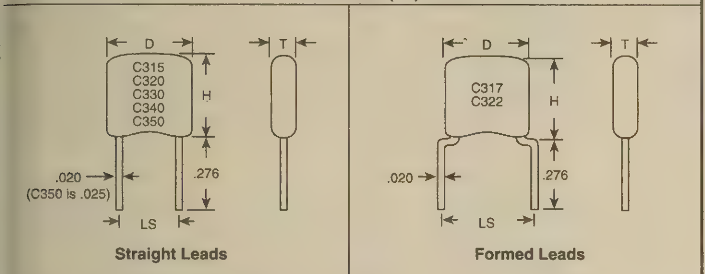
MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions (In.)				Price Each		
			D	H	T	LS	1	25	100
100 Volt									
80-C322C821J1G	C322C821J1G5CA	820	.200	.260	.125	.200	.29	.25	.19
80-C322C102J1G	C322C102J1G5CA	1000	.200	.260	.125	.200	.23	.20	.16
80-C322C122J1G	C322C122J1G5CA	1200	.200	.260	.125	.200	.29	.25	.19
80-C322C152J1G	C322C152J1G5CA	1500	.200	.260	.125	.200	.29	.25	.19
80-C322C182J1G	C322C182J1G5CA	1800	.200	.260	.125	.200	.29	.25	.19
80-C322C222J1G	C322C222J1G5CA	2200	.200	.260	.125	.200	.29	.25	.19
80-C322C272J1G	C322C272J1G5CA	2700	.200	.260	.125	.200	.29	.25	.19
80-C322C332J1G	C322C332J1G5CA	3300	.200	.260	.125	.200	.33	.29	.22
80-C322C392J1G	C322C392J1G5CA	3900	.200	.260	.125	.200	.35	.31	.24
80-C322C472J1G	C322C472J1G5CA	4700	.200	.260	.125	.200	.35	.31	.24
80-C322C562J1G	C322C562J1G5CA	5600	.200	.260	.125	.200	.40	.35	.27
200 Volt									
80-C322C100J2G	C322C100J2G5CA	10	.200	.260	.125	.200	.20	.18	.14
80-C322C220J2G	C322C220J2G5CA	22	.200	.260	.125	.200	.22	.19	.15
80-C322C270J2G	C322C270J2G5CA	27	.200	.260	.125	.200	.22	.19	.15
80-C322C330J2G	C322C330J2G5CA	33	.200	.260	.125	.200	.22	.19	.15
80-C322C390J2G	C322C390J2G5CA	39	.200	.260	.125	.200	.22	.19	.15
80-C322C470J2G	C322C470J2G5CA	47	.200	.260	.125	.200	.22	.19	.15
80-C322C101J2G	C322C101J2G5CA	100	.200	.260	.125	.200	.22	.19	.15
80-C322C151J2G	C322C151J2G5CA	150	.200	.260	.125	.200	.24	.21	.16
80-C322C181J2G	C322C181J2G5CA	180	.200	.260	.125	.200	.24	.21	.16
80-C322C221J2G	C322C221J2G5CA	120	.200	.260	.125	.200	.24	.21	.16
80-C322C271J2G	C322C271J2G5CA	270	.200	.260	.125	.200	.24	.21	.16
80-C322C331J2G	C322C331J2G5CA	330	.200	.260	.125	.200	.29	.25	.19
80-C322C471J2G	C322C471J2G5CA	470	.200	.260	.125	.200	.29	.25	.19
80-C322C681J2G	C322C681J2G5CA	680	.200	.260	.125	.200	.31	.27	.21
80-C322C102J2G	C322C102J2G5CA	1000	.200	.260	.125	.200	.30	.26	.20
80-C322C152J2G	C322C152J2G5CA	1500	.200	.260	.125	.200	.33	.29	.22
80-C322C222J2G	C322C222J2G5CA	2200	.200	.260	.125	.200	.33	.29	.22
80-C322C332J2G	C322C332J2G5CA	3300	.200	.260	.125	.200	.40	.35	.27

CERAMIC "GOLDEN MAX" CONFORMAL COATED, X7R AND Z5U

- Temperature Characteristics: X7R: ±15% from -55°C to +125°C, Z5U: +22%, -56% from +10°C to +85°C
- Meets flame test requirements of UL Standard 94V-0.
- Epoxy Encapsulated

Also available in various lead formations, tolerances and packing. Please contact a Mouser Sales Representative for information.

DIMENSIONS (IN.)



Straight Leads

Formed Leads

X7R, Straight Leads, 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Volt	Dimensions (In.)				Price Each		
				D	H	T	LS	1	25	100
C315 Series, X7R										
80-C315C102K5R	C315C102K5R5CA	1000	50	.150	.210	.100	.100	.13	.12	.09
80-C315C332K5R	C315C332K5R5CA	3300	50	.150	.210	.100	.100	.14	.13	.10
80-C315C472K5R	C315C472K5R5CA	4700	50	.150	.210	.100	.100	.16	.14	.11
80-C315C103K5R	C315C103K5R5CA	10,000	50	.150	.210	.100	.100	.13	.12	.09
80-C315C153K5R	C315C153K5R5CA	15,000	50	.150	.210	.100	.100	.16	.14	.11
80-C315C223K5R	C315C223K5R5CA	22,000	50	.150	.210	.100	.100	.17	.15	.12
80-C315C333K5R	C315C333K5R5CA	33,000	50	.150	.210	.100	.100	.17	.15	.12
80-C315C331K1R	C315C331K1R5CA	330	100	.150	.210	.100	.100	.14	.13	.10
80-C315C471K1R	C315C471K1R5CA	470	100	.150	.210	.100	.100	.14	.13	.10
80-C315C102K1R	C315C102K1R5CA	1000	100	.150	.210	.100	.100	.13	.12	.09
80-C315C152K1R	C315C152K1R5CA	1500	100	.150	.210	.100	.100	.14	.13	.10
80-C315C222K1R	C315C222K1R5CA	2200	100	.150	.210	.100	.100	.14	.13	.10
80-C315C332K1R	C315C332K1R5CA	3300	100	.150	.210	.100	.100	.14	.13	.10
80-C315C472K1R	C315C472K1R5CA	4700	100	.150	.210	.100	.100	.16	.14	.11
80-C315C682K1R	C315C682K1R5CA	6800	100	.150	.210	.100	.100	.16	.14	.11
80-C315C103K1R	C315C103K1R5CA	10,000	100	.150	.210	.100	.100	.14	.13	.10
80-C315C101K2R	C315C101K2R5CA	100	200	.150	.210	.100	.100	.17	.15	.11
80-C315C221K2R	C315C221K2R5CA	220	200	.150	.210	.100	.100	.18	.16	.12
80-C315C471K2R	C315C471K2R5CA	470	200	.150	.210	.100	.100	.18	.16	.12
80-C315C102K2R	C315C102K2R5CA	1000	200	.150	.210	.100	.100	.17	.15	.11
C320 Series, X7R										
80-C320C473K5R	C320C473K5R5CA	47,000	50	.200	.260	.125	.100	.20	.17	.13
80-C320C683K5R	C320C683K5R5CA	68,000	50	.200	.260	.125	.100	.20	.17	.13
80-C320C104K5R	C320C104K5R5CA	0.1µF	50	.200	.260	.125	.100	.16	.14	.11
80-C320C154K5R	C320C154K5R5CA	.15µF	50	.200	.260	.125	.100	.28	.24	.19
80-C320C224K5R	C320C224K5R5CA	.22µF	50	.200	.260	.125	.100	.40	.35	.27
80-C320C153K1R	C320C153K1R5CA	15,000	100	.200	.260	.125	.100	.18	.15	.12
80-C320C223K1R	C320C223K1R5CA	22,000	100	.200	.260	.125	.100	.20	.18	.14
80-C320C333K1R	C320C333K1R5CA	33,000	100	.200	.260	.125	.100	.20	.18	.14
80-C320C473K1R	C320C473K1R5CA	47,000	100	.200	.260	.125	.100	.25	.22	.17
80-C320C222K2R	C320C222K2R5CA	2200	200	.200	.260	.125	.100	.18	.16	.12
80-C320C472K2R	C320C472K2R5CA	4700	200	.200	.260	.125	.100	.20	.18	.14
80-C320C103K2R	C320C103K2R5CA	10,000	200	.200	.260	.125	.100	.18	.16	.12
C330 Series, X7R										
80-C330C224K5R	C330C224K5R5CA	.22µF	50	.300	.360	.150	.200	.58	.51	.39
80-C330C274K5R	C330C274K5R5CA	.27µF	50	.300	.360	.150	.200	.62	.55	.42
80-C330C334K5R	C330C334K5R5CA	.33µF	50	.300	.360	.150	.200	.62	.55	.42
80-C330C474K5R	C330C474K5R5CA	.47µF	50	.300	.360	.150	.200	.62	.55	.42
80-C330C684K5R	C330C684K5R5CA	.68µF	50	.300	.360	.150	.200	1.30	1.14	.88
80-C330C105K5R	C330C105K5R5CA	1.0µF	50	.300	.360	.150	.200	1.05	.92	.71
80-C330C104K1R	C330C104K1R5CA	0.1µF	100	.300	.360	.150	.200	.30	.26	.20
80-C330C224K1R	C330C224K1R5CA	.22µF	100	.300	.360	.150	.200	.68	.60	.46
80-C330C334K1R	C330C334K1R5CA	.33µF	100	.300	.360	.150	.200	.84	.74	.57
80-C330C474K1R	C330C474K1R5CA	.47µF	100	.300	.360	.150	.200	1.40	1.23	.95
80-C330C333K2R	C330C333K2R5CA	33,000	200	.300	.360	.150	.200	.34	.30	.23
80-C330C473K2R	C330C473K2R5CA	47,000	200	.300	.360	.150	.200	.34	.30	.23
80-C330C104K2R	C330C104K2R5CA	0.1µF	200	.300	.360	.150	.200	.70	.61	.47
C340 Series, X7R										
80-C340C105K5R	C340C105K5R5CA	1.0µF	50	.400	.460	.150	.200	1.05	.92	.71
80-C340C155K5R	C340C155K5R5CA	1.5µF	50	.400	.460	.150	.200	2.68	2.35	1.81
80-C340C225K5R	C340C225K5R5CA	2.2µF	50	.400	.460	.150	.200	3.25	2.85	2.20
80-C340C474K1R	C340C474K1R5CA	.47µF	100	.400	.460	.150	.200	1.30	1.14	.88
80-C340C105K1R	C340C105K1R5CA	1.0µF	100	.400	.460	.150	.200	3.25	2.85	2.20
80-C340C224K2R	C340C224K2R5CA	.22µF	200	.400	.460	.150	.200	3.25	2.85	2.20
C350 Series, X7R										
80-C350C225K5R	C350C225K5R5CA	2.2µF	50	.500	.560	.200	.400	6.68	5.85	4.51
80-C350C335K5R	C350C335K5R5CA	3.3µF	50	.500	.560	.200	.400	7.44	6.51	5.02
80-C350C475K5R	C350C475K5R5CA	4.7µF	50	.500	.560	.200	.400	9.16	8.02	6.18
80-C350C105K1R	C350C105K1R5CA	1.0µF	100	.500	.560	.200	.400	6.24	5.46	4.21
80-C350C474K2R	C350C474K2R5CA	.47µF	200	.500	.560	.200	.400	7.00	6.13	4.73

X7R, Formed Leads, 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Volt	Dimensions (In.)				Price Each		
				D	H	T	LS	1	25	100
C317 Series										
80-C317C103K5R	C317C103K5R5CA	10,000	50	.150	.230	.100	.200	.14	.12	.09
80-C317C102K1R	C317C102K1R5CA	1000	100	.150	.230	.100	.200	.14	.12	.09
80-C317C222K1R	C317C222K1R5CA	2200	100	.150	.230	.100	.200	.15	.13	.10
80-C317C332K1R	C317C332K1R5CA	3300	100	.150	.230	.100	.200	.15	.13	.10
80-C317C472K1R	C317C472K1R5CA	4700	100	.150	.230	.100	.200	.17	.14	.11
80-C317C103K1R	C317C103K1R5CA	10,000	100	.150	.230	.100	.200	.15	.13	.10
80-C317C101K2R	C317C101K2R5CA	100	200	.150	.230	.100	.200	.18	.15	.11
80-C317C102K2R	C317C102K2R5CA	1000	200	.150	.230	.100	.200	.18	.15	.11
C322 Series										
80-C322C103K5R	C322C103K5R5CA	10,000	50	.200	.260	.125	.200	.13	.12	.09
80-C322C223K5R	C322C223K5R5CA	22,000	50	.200	.260	.125	.200	.17	.15	.12
80-C322C333K5R	C322C333K5R5CA	33,000	50	.200	.260	.125	.200	.17	.15	.12
80-C322C473K5R	C322C473K5R5CA	47,000	50	.200	.260	.125	.200	.20	.17	.13
80-C322C683K5R	C322C683K5R5CA	68,000	50	.200	.260	.125	.200	.20	.17	.13
80-C322C104K5R	C322C104K5R5CA	0.1µF	50	.200	.260	.125	.200	.16	.14	.11
80-C322C154K5R	C322C154K5R5CA	.15µF	50	.200	.260	.125	.200	.28	.24	.19
80-C322C224K5R	C322C224K5R5CA	.22µF	50	.200	.260	.125	.200	.40	.35	.27
80-C322C274K5R	C322C274K5R5CA	.27µF	50	.200	.260	.125	.200	.42	.37	.29
80-C322C472K1R	C322C472K1R5CA	4700	100	.200	.260	.125	.200	.16	.14	.11
80-C322C103K1R	C322C103K1R5CA	10,000	100	.200	.260	.125	.200	.14	.13	.10
80-C322C473K1R	C322C473K1R5CA	47,000	100	.200	.260	.125	.200	.25	.22	.17
80-C322C104K1R	C322C104K1R5CA	0.1µF	100	.200	.260	.125	.200	.25	.22	.17
80-C322C102K2R	C322C102K2R5CA	1000	200	.200	.260	.125	.200	.17	.15	.11
80-C322C222K2R	C322C222K2R5CA	2200	200	.200	.260	.125	.200	.18	.16	.12
80-C322C472K2R	C322C472K2R5CA	4700	200	.200	.260	.125	.200	.20	.18	.14
80-C322C103K2R	C322C103K2R5CA	10,000	200	.200	.260	.125	.200	.18	.16	.12

Z5U, Straight Leads, 20% Tolerance

For quantities greater than listed, call for quote.

C315 Series										
80-C315C473M5U	C315C473M5U5CA	47,000	50	.150	.210	.100	.100	.13	.12	.09
80-C315C104M5U	C315C104M5U5CA	0.1µF	50	.150	.210	.100	.100	.12	.11	.08
80-C315C102M1U	C315C102M1U5CA	1000	100	.150	.210	.100	.100	.12	.11	.08
80-C315C222M1U	C315C222M1U5CA	2200	100	.150	.210	.100	.100	.14	.12	.09
80-C315C103M1U	C315C103M1U5CA	10,000	100	.150	.210	.100	.100	.12	.11	.08
C320 Series										
80-C320C103M5U	C320C103M5U5CA	10,000	50	.200	.260	.125	.100	.12	.11	.08
80-C320C224M5U	C320C224M5U5CA	.22µF	50	.200	.260	.125	.100	.23	.20	.16
80-C320C334M5U	C320C334M5U5CA	.33µF	50	.200	.260	.125	.100	.23	.20	.16
80-C320C474M5U	C320C474M5U5CA	.47µF	50	.200	.260	.125	.100	.29	.26	.20
80-C320C104M1U	C320C104M1U5CA	0.1µF	100	.200	.260	.125	.100	.15	.13	.10
80-C330C104M1U	C330C104M1U5CA	0.1µF	100	.300	.360	.125	.200	.30	.26	.20
C330 Series										
80-C330C104M5U	C330C104M5U5CA	0.1µF	50	.300	.360	.150	.200	.30	.26	.20
80-C330C334M5U	C330C334M5U5CA	.33µF	50	.300	.360	.150	.200	.57	.50	.38
80-C330C474M5U	C330C474M5U5CA	.47µF	50	.300	.360	.150	.200	.38	.33	.26
80-C330C684M5U	C330C684M5U5CA	.68µF	50	.300	.360	.150	.200	.52	.46	.35
80-C330C105M5U	C330C105M5U5CA	1.0µF	50	.300	.360	.150	.200	.48	.42	.32
80-C330C155M5U	C330C155M5U5CA	1.5µF	50	.300	.360	.150	.200	.78	.68	.52
80-C330C224M1U	C330C224M1U5CA	.22µF	100	.300	.360	.150	.200	.40	.35	.27
80-C330C334M1U	C330C334M1U5CA	.33µF	100	.300	.360	.150	.200	.40	.35	.27
80-C330C474M1U	C330C474M1U5CA	.47µF	100	.300	.360	.150	.200	.48	.42	.32
C340 Series										
80-C340C225M5U	C340C225M5U5CA	2.2µF	50	.400	.460	.150	.200	2.32	2.03	1.57
80-C340C335M5U	C340C335M5U5CA	3.3µF	50	.400	.460	.150	.200	2.90	2.54	1.96
80-C340C475M5U	C340C475M5U5CA	4.7µF	50	.400	.460	.150	.200	3.50	3.06	2.36
80-C340C105M1U	C340C105M1U5CA	1.0µF	100	.400	.460	.150	.200	2.30	2.01	1.55
C350 Series										
80-C350C335M5U	C350C335M5U5CA	3.3µF	50	.500	.560	.200	.400	7.80	6.83	5.27
80-C350C395M5U	C350C395M5U5CA	3.9µF	50	.500	.560	.200	.400	6.00	5.25	4.05
80-C350C475M5U	C350C475M5U5CA	4.7µF	50	.500	.560	.200	.400	6.00	5.25	4.05
80-C350C225M1U	C350C225M1U5CA	2.2µF	100	.500	.560	.200	.400	8.20	7.18	5.54

Z5U, Formed Leads, 20% Tolerance

For quantities greater than listed, call for quote.

C317 Series										
80-C317C103M5U	C317C103M5U5CA	10,000	50	.150	.230	.100	.200	.12	.11	.08
80-C317C104M5U	C317C104M5U5CA	0.1µF	50	.150	.230	.100	.200	.12	.11	.08
C322 Series										
80-C322C103M5U	C322C103M5U5CA	10,000	50	.200	.260	.125	.200	.12	.11	.08
80-C322C104M5U	C322C104M5U5CA	0.1µF	50	.200	.260	.125	.200	.12	.11	.08
80-C322C224M5U	C322C224M5U5CA	.22µF	50	.200	.260	.125	.200	.23	.20	.16
80-C322C334M5U	C322C334M5U5CA	.33µF	50	.200	.260	.125	.200	.23	.20	.16
80-C322C474M5U	C322C474M5U5CA	.47µF	50	.200	.260	.125	.200	.29	.26	.20
80-C322C103M1U	C322C103M1U5CA	10000	100	.200	.260	.125	.200	.12	.11	.08
80-C322C104M1U	C322C104M1U5CA	0.1µF	100	.200	.260	.125	.200	.15	.13	.10

Surface Mount Multi-Layer Ceramic Capacitors

0805 SMD CASE 50 VOLT

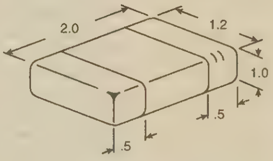
T.C.: NPO Temperature Stable

To order reels: add "/REEL" to Mouser Stock No.
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC501N0.5C	0.5pF	.25pF	.096	.052	.044	.034	112.32	105.60
140-CC501N1.0C	1.0pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N1.5C	1.5pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N2.0C	2.0pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N2.2C	2.2pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N3.0C	3.0pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N3.3C	3.3pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N3.9C	3.9pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N4.0C	4.0pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N4.7C	4.7pF	.25pF	.084	.052	.044	.034	112.32	105.60
140-CC501N5.0D	5.0pF	.5pF	.084	.052	.044	.034	112.32	105.60
140-CC501N6.0D	6.0pF	.5pF	.084	.052	.044	.034	112.32	105.60
140-CC501N6.8D	6.8pF	.5pF	.084	.052	.044	.034	112.32	105.60
140-CC501N7.0D	7.0pF	.5pF	.084	.052	.044	.034	112.32	105.60
140-CC501N8.0D	8.0pF	.5pF	.084	.052	.044	.034	112.32	105.60
140-CC501N9.0D	9.0pF	.5pF	.084	.052	.044	.034	112.32	105.60
140-CC501N100D	10pF	.5pF	.084	.052	.044	.034	112.32	105.60
140-CC501N120J	12pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N150J	15pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N180J	18pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N220J	22pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N270J	27pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N330J	33pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N390J	39pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N470J	47pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N560J	56pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N680J	68pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N820J	82pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N101J	100pF	5%	.084	.052	.044	.034	112.32	105.60
140-CC501N121J	120pF	5%	.096	.052	.044	.034	112.32	105.60
140-CC501N151J	150pF	5%	.096	.052	.044	.034	112.32	105.60
140-CC501N181J	180pF	5%	.096	.052	.044	.034	112.32	105.60
140-CC501N221J	220pF	5%	.096	.052	.044	.034	112.32	105.60
140-CC501N271J	270pF	5%	.096	.052	.044	.034	120.10	109.19
140-CC501N331J	330pF	5%	.096	.052	.044	.034	120.10	109.19
140-CC501N391J	390pF	5%	.11	.056	.049	.038	140.56	127.78
140-CC501N471J	470pF	5%	.11	.056	.049	.038	140.56	127.78
140-CC501N561J	560pF	5%	.12	.057	.05	.039	145.67	132.42
140-CC501N681J	680pF	5%	.13	.063	.056	.045	171.22	155.65
140-CC501N821J	820pF	5%	.15	.07	.063	.052	198.05	180.05
140-CC501N102J	1000pF	5%	.17	.09	.07	.06	233.83	212.57

Features:

- Miniature in size, high capacitance to volume ratio
- Non-polar design
- High mounting density
- Standard tape and reel
- 50 volt rating



0805 SMD Case

DIMENSIONS (mm)

**To Order Reels:
Add "/REEL" to
MOUSER STOCK NO.**

T.C.: X7R Temperature Stable

To order reels: add "/REEL" to Mouser Stock No
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Ree of 4000	
			1	100	500	1000	1	2
140-CC501B221K	220pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B271K	270pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B331K	330pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B391K	390pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B471K	470pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B561K	560pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B681K	680pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B821K	820pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B102K	1000pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B122K	1200pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B152K	1500pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B182K	1800pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B222K	2200pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B272K	2700pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B332K	3300pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B392K	3900pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B472K	4700pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B562K	5600pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B682K	6800pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B822K	8200pF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B103K	.01μF	10%	.072	.036	.031	.023	81.60	76.80
140-CC501B123K	.012μF	10%	.08	.039	.033	.024	90.72	82.48
140-CC501B153K	.015μF	10%	.08	.039	.033	.024	90.72	82.48
140-CC501B183K	.018μF	10%	.09	.047	.039	.032	117.56	106.87
140-CC501B223K	.022μF	10%	.09	.047	.039	.032	117.56	106.87
140-CC501B273K	.027μF	10%	.11	.052	.045	.036	125.22	113.83
140-CC501B104K	.1μF	10%	.14	.09	.07	.05	191.66	174.24

T.C.: Z5U Temperature Stable

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC501Z103M	.01μF	20%	.08	.039	.033	.024	90.72	82.48
140-CC501Z153M	.015μF	20%	.08	.039	.033	.027	94.56	85.96
140-CC501Z223M	.022μF	20%	.10	.045	.039	.03	104.77	95.26
140-CC501Z333M	.033μF	20%	.10	.045	.039	.03	104.77	95.26
140-CC501Z393M	.039μF	20%	.10	.045	.039	.03	104.77	95.26
140-CC501Z473M	.047μF	20%	.10	.045	.039	.03	104.77	95.26
140-CC501Z104M	.1μF	20%	.12	.052	.044	.035	136.72	124.30

1206 SMD CASE 50 VOLT

Features:

- Miniature in size, high capacitance to volume ratio
- Non-polar design
- High mounting density
- Standard tape and reel
- 50 volt rating

T.C.: NPO Temperature Stable

To order reels: add "/REEL" to Mouser Stock No.
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC502N1.8C	1.8pF	.25pF	.11	.064	.055	.042	139.20	134.40
140-CC502N2.7C	2.7pF	.25pF	.11	.064	.055	.042	139.20	134.40
140-CC502N3.9C	3.9pF	.25pF	.11	.064	.055	.042	139.20	134.40
140-CC502N5.1D	5.1pF	.5pF	.11	.064	.055	.042	139.20	134.40
140-CC502N5.6D	5.6pF	.5pF	.11	.064	.055	.042	139.20	134.40
140-CC502N8.2D	8.2pF	.5pF	.11	.064	.055	.042	139.20	134.40
140-CC502N9.1D	9.1pF	.5pF	.11	.064	.055	.042	139.20	134.40
140-CC502N180J	18pF	5%	.11	.064	.055	.042	139.20	134.40
140-CC502N510J	51pF	5%	.11	.064	.055	.042	139.20	134.40
140-CC502N680J	68pF	5%	.11	.064	.055	.042	139.20	134.40
140-CC502N391J	390pF	5%	.12	.10	.08	.06	210.00	194.26

T.C.: X7R Temperature Stable

To order reels: add "/REEL" to Mouser Stock No.
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC502B391K	390pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B471K	470pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B561K	560pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B681K	680pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B821K	820pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B102K	1000pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B122K	1200pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B152K	1500pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B182K	1800pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B222K	2200pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B272K	2700pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B332K	3300pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B392K	3900pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B472K	4700pF	10%	.072	.055	.048	.037	130.33	118.49

New Expanded Selection

DIMENSIONS (mm)

**To Order Reels:
Add "/REEL" to
MOUSER STOCK NO.**

T.C.: X7R Temperature Stable

To order reels: add "/REEL" to Mouser Stock No
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC502B562K	5600pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B682K	6800pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B822K	8200pF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B103K	.01μF	10%	.072	.055	.048	.037	130.33	118.49
140-CC502B123K	.012μF	10%	.084	.07	.06	.046	155.89	141.72
140-CC502B153K	.015μF	10%	.084	.07	.06	.046	155.89	141.72
140-CC502B183K	.018μF	10%	.09	.076	.065	.051	187.84	170.76
140-CC502B223K	.022μF	10%	.09	.076	.065	.051	187.84	170.76
140-CC502B273K	.027μF	10%	.11	.077	.071	.056	208.27	189.34
140-CC502B333K	.033μF	10%	.11	.077	.071	.056	208.27	189.34
140-CC502B393K	.039μF	10%	.11	.077	.071	.056	208.27	189.34
140-CC502B473K	.047μF	10%	.11	.077	.071	.056	208.27	189.34
140-CC502B683K	.068μF	10%	.15	.10	.08	.06	233.83	212.57
140-CC502B104K	.1μF	10%	.15	.10	.08	.06	233.83	212.57

T.C.: Z5U Temperature Stable

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC502Z683M	.068μF	20%	.11	.07	.051	.046	176.33	160.30
140-CC502Z104M	.1μF	20%	.13	.09	.065	.06	223.60	203.27
140-CC502Z224M	.22μF	20%	.15	.095	.07	.065	249.17	226.52

1210 SMD CASE

T.C.: Z5U Temperature Stable

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC503Z224M	.22μF	20%	.32	.132	.119	.108	- -	- - -

Surface Mount Monolithic Ceramic Capacitors

VISHAY VJ SERIES CERAMIC CHIP CAPACITORS

To order reels: add "/R" to Mouser Stock No.
For quantities greater than listed, call for quote.

Style VJ0603

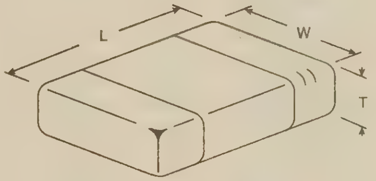
MOUSER STOCK NO.	Manufacturer's Part No.	WVDC	Value (pF)	Tol±	Temp. Coeff.	Price Each				Price Per Reel of 3000	Price Per Reel of 4000
						1	100	500	1000		
77-VJ06A50V101J	VJ0603A101JXAMT	50	100	5%	NPO/COG	.13	.08	.07	.06	- - -	200.64
77-VJ06Y50V102K	VJ0603Y102KXAMT	50	1000	10%	X7R	.08	.06	.05	.04	- - -	116.16
77-VJ06Y50V472K	VJ0603Y472KXAMT	50	4700	10%	X7R	.19	.12	.10	.09	- - -	285.12
77-VJ06Y50V103K	VJ0603Y103KXAMT	50	10000	10%	X7R	.12	.07	.06	.05	- - -	168.96
77-VJ06Y25V473K	VJ0603Y473KXXMT	25	47000	10%	X7R	.13	.08	.07	.06	- - -	200.64
77-VJ06Y25V104K	VJ0603Y104KXXMT	25	100000	10%	X7R	.25	.16	.13	.12	- - -	369.60
77-VJ06U25V104M	VJ0603U104MXXMT	25	100000	20%	Z5U	.11	.07	.06	.05	- - -	158.40

Features:

- Highest capacitance per case sizes
- Low ESR
- Commercial temperature range
  +10°C ~ +85°C
- Termination: Nickel-Barrier
- Temperature coefficient of capacitance (TCC):
  NPO/COG: 0 ± 30PPM/°C from -55°C to +125°C
  X7R: ±15%, from -55°C to +125°C, w/ 0 VDC applied
  Z5U: ±22%, from +10°C to +85°C
  Y5V: +22%, -82% from -30°C to +85°C

Style VJ0805

77-VJ08A100V100J	VJ0805A100JXBMT	100	10	5%	NPO/COG	.11	.07	.06	.05	118.80	- - -
77-VJ08A100V470J	VJ0805A470JXBMT	100	47	5%	NPO/COG	.16	.10	.07	.07	166.32	- - -
77-VJ08A100V820J	VJ0805A820JXBMT	100	82	5%	NPO/COG	.22	.13	.11	.10	237.60	- - -
77-VJ08A100V101J	VJ0805A101JXBMT	100	100	5%	NPO/COG	.16	.10	.07	.07	166.32	- - -
77-VJ08A100V471J	VJ0805A471JXBMT	100	470	5%	NPO/COG	.16	.10	.07	.07	166.32	- - -
77-VJ08A100V102J	VJ0805A102JXBMT	100	1000	5%	NPO/COG	.17	.11	.09	.085	182.16	- - -
77-VJ08Y100V102K	VJ0805Y102KXBMT	100	1000	10%	X7R	.18	.12	.10	.08	205.92	- - -
77-VJ08A50V102J	VJ0805A102JXAMT	50	1000	5%	NPO/COG	.32	.20	.17	.15	356.40	- - -
77-VJ08Y50V102J	VJ0805Y102JXAMT	50	1000	5%	X7R	.35	.22	.18	.16	380.16	- - -
77-VJ08Y50V332K	VJ0805Y332KXAMT	50	3300	10%	X7R	.08	.06	.05	.04	95.04	- - -
77-VJ08Y50V103K	VJ0805Y103KXAMT	50	10000	10%	X7R	.12	.07	.06	.05	118.80	- - -
77-VJ08Y50V223K	VJ0805Y223KXAMT	50	22000	10%	X7R	.28	.18	.14	.13	300.96	- - -
77-VJ08Y50V333K	VJ0805Y333KXAMT	50	33000	10%	X7R	.28	.18	.14	.13	95.04	- - -
77-VJ08Y50V104K	VJ0805Y104KXAMT	50	100000	10%	X7R	.16	.10	.08	.07	174.24	- - -
77-VJ08U50V104M	VJ0805U104MXAMT	50	100000	20%	Z5U	.10	.06	.05	.041	99.00	- - -
77-VJ08Y25V104K	VJ0805Y104KXXMT	25	100000	10%	X7R	.16	.10	.08	.07	158.40	- - -
77-VJ08V16V105Z	VJ0805V105ZXJMT	16	1000000	80,-20%	Y5V	.20	.12	.10	.091	217.80	- - -



Style VJ1206

77-VJ12A100V100J	VJ1206A100JXBMT	100	10	5%	NPO/COG	.22	.13	.11	.10	237.60	- - -
77-VJ12A100V220J	VJ1206A220JXBMT	100	22	5%	NPO/COG	.12	.07	.06	.05	126.72	- - -
77-VJ12A100V470J	VJ1206A470JXBMT	100	47	5%	NPO/COG	.12	.07	.06	.05	126.72	- - -
77-VJ12A100V101J	VJ1206A101JXBMT	100	100	5%	NPO/COG	.13	.08	.07	.06	142.56	- - -
77-VJ12Y100V103K	VJ1206Y103KXBMT	100	10000	10%	X7R	.18	.12	.10	.08	198.00	- - -
77-VJ12Y100V223K	VJ1206Y223KXBMT	100	22000	10%	X7R	.28	.18	.14	.13	300.96	- - -
77-VJ12Y50V102K	VJ1206Y102KXAMT	50	1000	10%	X7R	.13	.08	.07	.06	150.48	- - -
77-VJ12Y50V222K	VJ1206Y222KXAMT	50	2200	10%	X7R	.18	.12	.10	.08	198.00	- - -
77-VJ12Y50V332K	VJ1206Y332KXAMT	50	3300	10%	X7R	.18	.12	.10	.08	198.00	- - -
77-VJ12Y50V103K	VJ1206Y103KXAMT	50	10000	10%	X7R	.13	.08	.07	.06	150.48	- - -
77-VJ12Y50V223K	VJ1206Y223KXAMT	50	22000	10%	X7R	.12	.07	.06	.06	225.72	- - -
77-VJ12Y50V473K	VJ1206Y473KXAMT	50	47000	10%	X7R	.18	.12	.10	.08	225.72	- - -
77-VJ12Y50V104K	VJ1206Y104KXAMT	50	100000	10%	X7R	.22	.17	.12	.11	267.30	- - -
77-VJ12U50V104M	VJ1206U104MXAMT	50	100000	20%	Z5U	.11	.07	.06	.05	158.40	- - -
77-VJ12U50V224M	VJ1206U224MXAMT	50	220000	20%	Z5U	.11	.07	.06	.05	158.40	- - -
77-VJ12V16V105Z	VJ1206V105ZXJMT	16	1000000	80,-20%	Y5V	.39	.24	.20	.18	429.00	- - -

Case Size Dimensions (In.)

Style	L	W	T
VJ0603	.063±.005	.031±.005	.035 Max.
VJ0805	.079±.008	.049±.008	.051 Max.
VJ1206	.126±.008	.063±.008	.059 Max.

To Order Reels: Add "/R" to MOUSER STOCK NO.

XICON™ Passive Components 0603 SMD CASE 50 VOLT

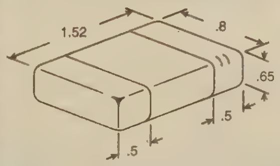
T.C.: NPO Temperature Stable

To order reels: add "/REEL" to Mouser Stock No.
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pFd)	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC504N1.0C	1.0	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N1.5C	1.5	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N2.0C	2.0	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N2.2C	2.2	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N3.0C	3.0	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N3.3C	3.3	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N3.9C	3.9	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N4.0C	4.0	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N4.7C	4.7	.25pf	.096	.054	.047	.038	132.00	110.40
140-CC504N5.0D	5.0	.5pf	.096	.054	.047	.038	132.00	110.40
140-CC504N6.0D	6.0	.5pf	.096	.054	.047	.038	132.00	110.40
140-CC504N6.8D	6.8	.5pf	.096	.054	.047	.038	132.00	110.40
140-CC504N7.0D	7.0	.5pf	.096	.054	.047	.038	132.00	110.40
140-CC504N8.0D	8.0	.5pf	.096	.054	.047	.038	132.00	110.40
140-CC504N9.0D	9.0	.5pf	.096	.054	.047	.038	132.00	110.40
140-CC504N100D	10	.5pf	.096	.054	.047	.038	132.00	110.40
140-CC504N120J	12	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N150J	15	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N180J	18	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N220J	22	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N270J	27	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N330J	33	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N390J	39	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N470J	47	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N560J	56	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N680J	68	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N820J	82	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N151J	150	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N181J	180	5%	.096	.054	.047	.038	132.00	110.40

Features:

- Miniature in size, high capacitance to volume ratio
- Non-polar design
- High mounting density
- Standard tape and reel
- 50 volt rating



0603 SMD Case

DIMENSIONS (mm)

To Order Reels: Add "/REEL" to MOUSER STOCK NO.

T.C.: NPO Temperature Stable (cont.)

To order reels: add "/REEL" to Mouser Stock No.
For quantities greater than listed, call for quote.

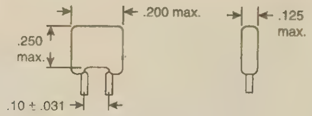
MOUSER STOCK NO.	Value (pFd)	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC504N221J	220	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N101J	100	5%	.096	.054	.047	.038	132.00	110.40
140-CC504N121J	120	5%	.096	.054	.047	.038	132.00	110.40

T.C.: X7R Temperature Stable

MOUSER STOCK NO.	Value (pFd)	Tol±	Price Each				Price Per Reel of 4000	
			1	100	500	1000	1	2
140-CC504B221K	220	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B271K	270	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B331K	330	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B391K	390	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B471K	470	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B561K	560	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B681K	680	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B821K	820	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B102K	1000	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B122K	1200	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B152K	1500	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B182K	1800	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B222K	2200	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B272K	2700	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B332K	3300	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B392K	3900	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B472K	4700	10%	.084	.042	.037	.03	90.00	83.40
140-CC504B562K	5600	10%	.12	.062	.054	.043	150.00	129.60
140-CC504B682K	6800	10%	.12	.062	.054	.043	150.00	129.60
140-CC504B822K	8200	10%	.12	.062	.054	.043	150.00	129.60
140-CC504B103K	10000	10%	.12	.062	.054	.043	150.00	129.60

Ceramic Capacitors

VISHAY MONOLYTHIC CERAMIC RADIAL CAPACITORS



DIMENSIONS (IN.)

Lead length: 1.0" min.

TEMPERATURE CHARACTERISTICS	C0G	X7R	Z5U
Temperature range, °C	-55°C to +125°C	-55°C to +125°C	+10°C to +85
Capacitance change without DC voltage	0±30 PPM/°C*	±15%	+22%, -56%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Price Each			
		1	100	500	1000
50WVDC 5% Tolerance					
75-1C10C0G100J050B	10pF	.21	.18	.15	.12
75-1C10C0G220J050B	22pF	.21	.18	.15	.12
75-1C10C0G330J050B	33pF	.21	.18	.15	.12
75-1C10C0G470J050B	47pF	.21	.18	.15	.12
75-1C10C0G101J050B	100pF	.21	.18	.15	.12
75-1C10C0G331J050B	330pF	.21	.18	.15	.12
75-1C10C0G471J050B	470pF	.21	.18	.15	.12
75-1C10C0G102J050B	1000pF	.21	.18	.15	.12
100WVDC 5% Tolerance					
75-1C10C0G100J100B	10pF	.21	.18	.15	.12
75-1C10C0G220J100B	22pF	.21	.18	.15	.12
75-1C10C0G330J100B	33pF	.21	.18	.15	.12
75-1C10C0G470J100B	47pF	.21	.18	.15	.12
75-1C10C0G101J100B	100pF	.21	.18	.15	.12
75-1C10C0G221J100B	220pF	.21	.18	.15	.12

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Price Each			
		1	100	500	1000
100WVDC 5% Tolerance (cont.)					
75-1C10C0G331J100B	330pF	.21	.18	.15	.12
75-1C10C0G471J100B	470pF	.21	.18	.15	.12
75-1C10C0G102J100B	1000pF	.26	.22	.19	.15
75-1C10C0G222J100B	2200pF	.31	.27	.22	.18
75-1C10C0G332J100B	3300pF	.47	.40	.33	.27
50WVDC 10% Tolerance					
75-1C10X7R102K050B	1000pF	.13	.11	.09	.07
75-1C10X7R103K050B	10000pF	.14	.12	.10	.08
75-1C10X7R473K050B	47000pF	.19	.17	.14	.11
75-1C10X7R104K050B	100000pF	.14	.12	.10	.08
100 WVDC 10% Tolerance					
75-1C10X7R102K100B	1000pF	.18	.16	.13	.10
75-1C10X7R222K100B	2200pF	.19	.17	.14	.11
75-1C10X7R332K100B	3300pF	.19	.17	.14	.11
75-1C10X7R472K100B	4700pF	.20	.17	.15	.12
75-1C10X7R103K100B	10000pF	.15	.13	.11	.09

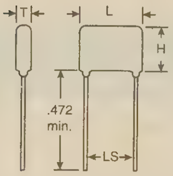
For quantities greater than listed, call for qu

MOUSER STOCK NO.	Value	Price Each			
		1	100	500	10
100 WVDC 10% Tolerance (cont.)					
75-1C10X7R223K100B	22000pF	.20	.17	.15	.1
75-1C10X7R333K100B	33000pF	.20	.17	.15	.1
75-1C10X7R473K100B	47000pF	.20	.17	.15	.1
75-1C10X7R104K100B	100000pF	.23	.20	.17	.1
50WVDC 20% Tolerance					
75-1C10Z5U103M050B	10000pF	.13	.11	.09	.0
75-1C10Z5U333M050B	33000pF	.15	.13	.11	.0
75-1C10Z5U104M050B	100000pF	.10	.08	.07	.0
75-1C10Z5U224M050B	220000pF	.25	.21	.18	.1
75-1C10Z5U334M050B	330000pF	.30	.26	.22	.1
100WVDC 20% Tolerance					
75-1C10Z5U103M100B	10000pF	.16	.14	.12	.0
75-1C10Z5U223M100B	22000pF	.18	.15	.13	.1
75-1C10Z5U333M100B	33000pF	.19	.16	.14	.1
75-1C10Z5U473M100B	47000pF	.16	.14	.11	.0
75-1C10Z5U104M100B	100000pF	.19	.16	.14	.1

AVX SR SERIES RADIAL MONOLITHIC CERAMIC CAPACITORS

Specifications:

- Conformally Coated Radial Leaded MLC
- Temperature Coefficients: COG (NPO), X7R, Z5U
- Case Material: Epoxy
- Lead Material: Solderable



Case Size Dimensions (In.)

Style	W	H	T	LS
SR15	0.15	0.15	0.10	0.10
SR20	0.20	0.20	0.125	0.10
SR30	0.30	0.30	0.15	0.20

NPO

MOUSER STOCK NO.	AVX NO.	Value	Price Each			
			1	100	500	1000
100 WVDC 5% Tolerance						
581-SR151A100J	SR151A101JAA	10pF	.34	.30	.23	.17
581-SR151A120J	SR151A120JAA	12pF	.34	.30	.23	.17
581-SR151A150J	SR151A150JAA	15pF	.34	.30	.23	.17
581-SR151A180J	SR151A180JAA	18pF	.34	.30	.23	.17
581-SR151A220J	SR151A220JAA	22pF	.34	.30	.23	.17
581-SR151A270J	SR151A270JAA	27pF	.34	.30	.23	.17
581-SR151A330J	SR151A330JAA	33pF	.34	.30	.23	.17
581-SR151A390J	SR151A390JAA	39pF	.34	.30	.23	.17
581-SR151A470J	SR151A470JAA	47pF	.34	.30	.23	.17
581-SR151A560J	SR151A560JAA	56pF	.34	.30	.23	.17
581-SR151A680J	SR151A680JAA	68pF	.34	.30	.23	.17
581-SR151A820J	SR151A820JAA	82pF	.34	.30	.23	.17
581-SR151A101J	SR151A101JAA	100pF	.22	.19	.15	.11
581-SR151A121J	SR151A121JAA	120pF	.38	.34	.26	.19
581-SR151A151J	SR151A151JAA	150pF	.38	.34	.26	.19
581-SR151A181J	SR151A181JAA	180pF	.38	.34	.26	.19
581-SR151A221J	SR151A221JAA	220pF	.38	.34	.26	.19
581-SR151A271J	SR151A270JAA	270pF	.40	.35	.27	.20
581-SR151A331J	SR151A331JAA	330pF	.40	.30	.27	.20
581-SR151A391J	SR151A391JAA	390pF	.40	.35	.27	.20
581-SR151A471J	SR151A471JAA	470pF	.43	.39	.29	.22
581-SR151A561J	SR151A561JAA	560pF	.49	.44	.33	.25
581-SR151A681J	SR151A681JAA	680pF	.49	.44	.33	.25
581-SR201A102J	SR201A102JAA	1000pF	.28	.25	.19	.14
581-SR201A122J	SR201A122JAA	1200pF	.60	.53	.40	.30
581-SR201A152J	SR201A152JAA	1500pF	.82	.73	.55	.41
581-SR201A182J	SR201A182JAA	1800pF	.93	.82	.62	.46
581-SR201A222J	SR201A222JAA	2200pF	.98	.87	.66	.49
581-SR201A332J	SR201A332JAA	3300pF	1.09	.97	.72	.54
581-SR201A472J	SR201A472JAA	4700pF	1.14	1.01	.76	.57
581-SR201A562J	SR201A562JAA	5600pF	1.20	1.07	.80	.60

NPO (cont.)

581-SR301A682J	SR301A682JAA	6800pF	1.58	1.41	1.06	.7
581-SR301A822J	SR301A822JAA	8200pF	1.58	1.41	1.06	.7
581-SR301A103J	SR301A103JAA	.01uF	1.19	1.06	.80	.6
581-SR301A183J	SR301A183JAA	.018uF	2.18	1.94	1.46	1.0
581-SR301A223J	SR301A223JAA	.022uF	2.46	2.19	1.64	1.2

X7R

MOUSER STOCK NO.	AVX NO.	Value	Price Each			
			1	100	500	100
200 WVDC 10% Tolerance						
581-SR152C102K	SR152C102KAA	1000pF	.55	.49	.37	.2
100 WVDC 10% Tolerance						
581-SR151C222K	SR151C222KAA	2200pF	.27	.24	.18	.1
581-SR151C472K	SR151C472KAA	4700pF	.30	.27	.20	.1
581-SR151C103K	SR151C103KAA	.01uF	.20	.18	.13	.1
581-SR201C153K	SR201C153KAA	.015uF	.38	.34	.26	.1
581-SR201C223K	SR201C223KAA	.022uF	.38	.34	.26	.1
581-SR201C333K	SR201C333KAA	.033uF	.38	.34	.26	.1
581-SR201C473K	SR201C473KAA	.047uF	.41	.36	.27	.2
581-SR201C683K	SR201C683KAA	.068uF	.45	.40	.30	.2
581-SR201C104K	SR201C104KAA	0.1uF	.27	.24	.18	.1
581-SR301C154K	SR301C154KAA	.15uF	1.09	.97	.72	.5
581-SR301C224K	SR301C224KAA	.22uF	1.23	1.09	.82	.6
581-SR301C334K	SR301C334KAA	.33uF	1.91	1.70	1.27	.9
50 WVDC 10% Tolerance						
581-SR155C223K	SR155C223KAA	.022uF	.27	.24	.18	.1
581-SR205C473K	SR205C473KAA	.047uF	.41	.37	.28	.2
581-SR305C105K	SR305C105KAA	1uF	1.57	1.39	1.05	.7

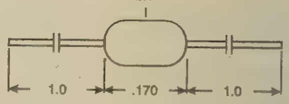
Z5U

100 WVDC 20% Tolerance						
581-SR151E103M	SR151E103MAA	.01uF	.26	.23	.17	.1
581-SR301E105M	SR301E105MAA	1uF	.94	.84	.63	.4
50 WVDC 20% Tolerance						
581-SR205E224M	SR205E224MAA	.22uF	.38	.34	.25	.1
581-SR205E474M	SR205E474MAA	.47uF	.52	.46	.35	.2

AVX SA SERIES AXIAL MONOLITHIC CERAMIC CAPACITORS

Parts packaged on tape. Full 7,500 piece reels available upon request.

DIMENSIONS (IN.)



NPO

MOUSER STOCK NO.	WVDC	Value	Price Each			
			1	100	500	1000
Tolerance 5%						
581-SA102A100J	200	10pF	.19	.17	.13	.10
581-SA102A150J	200	15pF	.28	.25	.19	.14
581-SA102A220J	200	22pF	.19	.17	.13	.10
581-SA102A470J	200	47pF	.28	.25	.19	.14
581-SA102A560J	200	56pF	.28	.25	.19	.14
581-SA102A101J	200	100pF	.19	.17	.13	.10
581-SA101A221J	100	220pF	.29	.26	.20	.15
581-SA101A471J	100	470pF	.20	.18	.14	.11
581-SA101A561J	100	560pF	.30	.26	.20	.15
581-SA101A102J	100	1000pF	.35	.31	.23	.17

X7R

MOUSER STOCK NO.	WVDC	Value	Price Each			
			1	100	500	1000
Tolerance 10%						
581-SA101C102K	100	1000pF	.13	.11	.08	.06
581-SA101C122K	100	1200pF	.27	.24	.18	.13
581-SA101C222K	100	2200pF	.27	.24	.18	.13
581-SA101C332K	100	3300pF	.27	.24	.18	.13
581-SA101C472K	100	4700pF	.14	.13	.09	.07
581-SA101C103K	100	.01μF	.13	.11	.08	.06
581-SA101C223K	100	.022μF	.17	.15	.11	.08
581-SA101C333K	100	.033μF	.35	.31	.23	.17

Z5U

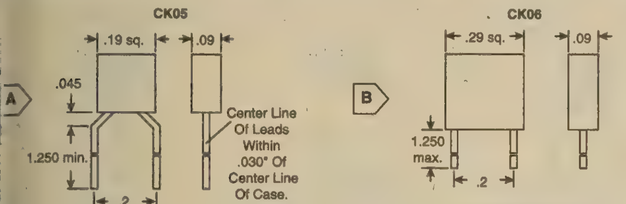
MOUSER STOCK NO.	WVDC	Value	Price Each			
			1	100	500	100
Tolerance 20%						
581-SA105E103M	50	.01μF	.11	.10	.08	.06
581-SA105E223M	50	.022μF	.22	.20	.15	.12
581-SA105E333M	50	.033μF	.22	.20	.15	.12
581-SA105E473M	50	.047μF	.22	.20	.15	.12
581-SA105E563M	50	.056μF	.22	.20	.15	.12
581-SA105E104M	50	.1μF	.12	.11	.09	.07
581-SA105E154M	50	.15μF	.31	.28	.21	.16
581-SA105E224M	50	.22μF	.41	.37	.28	.21

MALLORY MONOLITHIC CERAMIC CAPACITORS

Specifications:

- Tolerance: ±10%
- Operating temperature: -55°C to +125°C
- Molded Case
- MIL spec MIL-C-11015/18 or MIL-C-11015/20

MEETS MIL SPECS™



DIMENSIONS (IN.)

CK05 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	WVDC	Value (pF)	Price Each			
				1	25	50	100
539-CK05100K	A	200	10	.33	.26	.21	.17
539-CK05120K	A	200	12	.33	.26	.21	.17
539-CK05150K	A	200	15	.33	.26	.21	.17
539-CK05180K	A	200	18	.33	.26	.21	.17
539-CK05220K	A	200	22	.33	.26	.21	.17
539-CK05330K	A	200	33	.33	.26	.21	.17
539-CK05390K	A	200	39	.33	.26	.21	.17
539-CK05470K	A	200	47	.33	.26	.21	.17
539-CK05560K	A	200	56	.33	.26	.21	.17
539-CK05680K	A	200	68	.33	.26	.21	.17
539-CK05820K	A	200	82	.33	.26	.21	.17
539-CK05101K	A	200	100	.33	.26	.21	.17
539-CK05121K	A	200	120	.33	.26	.21	.17
539-CK05151K	A	200	150	.33	.26	.21	.17
539-CK05181K	A	200	180	.33	.26	.21	.17
539-CK05221K	A	200	220	.33	.26	.21	.17
539-CK05271K	A	200	270	.33	.26	.21	.17
539-CK05331K	A	200	330	.33	.26	.21	.17

CK05 Series (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	WVDC	Value (pF)	Price Each			
				1	25	50	100
539-CK05391K	A	200	390	.33	.26	.21	.17
539-CK05471K	A	200	470	.33	.26	.21	.17
539-CK05561K	A	200	560	.33	.26	.21	.17
539-CK05681K	A	200	680	.33	.26	.21	.17
539-CK05821K	A	200	820	.33	.26	.21	.17
539-CK05102K	A	200	1,000	.33	.26	.21	.17
539-CK05122K	A	100	1,200	.33	.26	.21	.17
539-CK05152K	A	100	1,500	.33	.26	.21	.17
539-CK05182K	A	100	1,800	.33	.26	.21	.17
539-CK05222K	A	100	2,200	.33	.26	.21	.17
539-CK05272K	A	100	2,700	.33	.26	.21	.17
539-CK05332K	A	100	3,300	.33	.26	.21	.17
539-CK05472K	A	100	4,700	.33	.26	.21	.17
539-CK05562K	A	100	5,600	.33	.26	.21	.17
539-CK05682K	A	100	6,800	.35	.29	.22	.18
539-CK05822K	A	100	8,200	.35	.29	.22	.18
539-CK05103K	A	100	10,000	.35	.29	.22	.18
539-CK05123K	A	50	12,000	.42	.34	.26	.21
539-CK05153K	A	50	15,000	.42	.34	.26	.21
539-CK05183K	A	50	18,000	.42	.34	.26	.21
539-CK05223K	A	50	22,000	.42	.34	.26	.21
539-CK05273K	A	50	27,000	.42	.34	.26	.21
539-CK05333K	A	50	33,000	.46	.37	.29	.23
539-CK05393K	A	50	39,000	.46	.37	.29	.23
539-CK05473K	A	50	47,000	.46	.37	.29	.23
539-CK05683K	A	50	68,000	.47	.37	.29	.23
539-CK05823K	A	50	82,000	.46	.37	.29	.23
539-CK05104K	A	50	100,000	.46	.37	.29	.23

CK06 Series

For quantities greater than listed, call for quote.

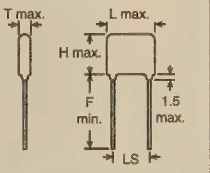
539-CK06473K	B	100	47,000	.48	.40	.31	.24
539-CK06104K	B	100	100,000	.48	.40	.31	.24
539-CK06105K	B	50	1,000,000	2.77	2.26	1.74	1.39

XICON™ Passive Components EPOXY DIPPED MULTI-LAYER CERAMIC CAPACITORS

Specifications:

- Epoxy coated
- Soldered, copper clad steel
- Standard tolerances

DIMENSIONS (mm)



NPO Temperature Stable 50 Volt ±10%

MOUSER STOCK NO.	Value (uF)	Dimensions (mm)					Price Each			
		L	H	T	LS	F	1	100	500	1000
21RD710	10	4.1	3.8	2.5	2.5	5.0	.10	.082	.063	.055
21RD722	22	4.1	3.8	2.5	2.5	5.0	.10	.082	.063	.055
21RD739	39	4.1	3.8	2.5	2.5	5.0	.10	.082	.063	.055
21RD747	47	4.1	3.8	2.5	2.5	5.0	.10	.082	.063	.055
21RD610	100	4.1	3.8	2.5	2.5	5.0	.11	.088	.068	.059
21RR612	120	4.1	3.8	2.5	2.5	5.0	.14	.11	.088	.076
21RD622	220	4.1	3.8	2.5	2.5	5.0	.12	.10	.078	.068
21RR627	270	4.1	3.8	2.5	2.5	5.0	.15	.12	.093	.081
21RR633	330	4.1	3.8	2.5	2.5	5.0	.15	.12	.093	.081
21RD647	470	4.1	3.8	2.5	2.5	5.0	.14	.12	.089	.078
21RR510	1,000	5.1	5.1	3.1	2.5	8.0	.20	.16	.13	.109

NPO Temperature Stable 100 Volt ±10%

21RR612	120	4.1	3.8	2.5	2.5	5.0	.14	.11	.088	.076
21RR627	270	4.1	3.8	2.5	2.5	5.0	.15	.12	.093	.081
21RR633	330	4.1	3.8	2.5	2.5	5.0	.15	.12	.093	.081
21RR510	1,000	5.1	5.1	3.1	2.5	8.0	.20	.16	.13	.109

X7R Temperature Stable 50 Volt ±10%

MOUSER STOCK NO.	Value (uF)	Dimensions (mm)					Price Each			
		L	H	T	LS	F	1	100	500	1000
21RX510	.001	4.1	3.8	2.5	2.5	5.0	.10	.084	.065	.056
21RX410	.01	4.1	3.8	2.5	2.5	5.0	.11	.091	.070	.061
21RX420	.02	5.1	5.1	3.1	2.5	8.0	.13	.11	.085	.074
21RX310	.1	5.1	5.1	3.1	2.5	8.0	.19	.16	.12	.10
21RX320	.2	7.6	7.6	3.8	5.1	26.9	.53	.44	.34	.29

Z5U General Purpose 50 Volt ±20%

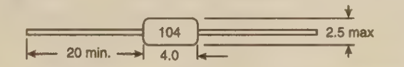
21RZ410	.01	5.1	5.1	3.1	2.5	8.0	.10	.082	.063	.055
21RZ420	.02	4.1	3.8	2.5	2.5	5.0	.10	.082	.063	.055
21RZ450	.05	4.1	3.8	2.5	2.5	5.0	.11	.091	.070	.061
21RZ310	.1	5.1	5.1	3.1	2.5	8.0	.08	.069	.053	.046
21RZ320	.2	7.6	7.6	3.8	5.1	26.9	.17	.14	.11	.094

XICON™ Passive Components 50V CA10 AXIAL CERAMIC CAPACITORS

Offers high capacitance in a 0.1" or smaller diameter case.

Specifications:

- Operating temperature: -55°C to +125°C, C0G & X7R, -25°C to +85°C, Z5U
- Dissipation factors: ≤.001 for C≥50pF, C0G, ≤.0033 for C<50pF, C0G, ≤.025, X7R, ≤.03, Z5U
- Solderability: 235°C±5°C, 2 ±0.5 sec @ 1.5~2.0mm immersion



DIMENSIONS (mm)

To order reels: add "**/REEL**" to Mouser Stock No.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	(pF)	Tolerance ±	Temperature Coefficient	Price Each			Price Per Reel of 5000
				1	100	500	
147-75-100	10	5	C0G	.27	.14	.12	339.30
147-75-120	12	5	C0G	.27	.14	.12	339.30
147-75-150	15	5	C0G	.27	.14	.12	339.30
147-75-180	18	5	C0G	.27	.14	.12	339.30
147-75-220	22	5	C0G	.27	.14	.12	339.30
147-75-270	27	5	C0G	.27	.14	.12	339.30
147-75-330	33	5	C0G	.27	.14	.12	339.30
147-75-390	39	5	C0G	.27	.14	.12	339.30
147-75-470	47	5	C0G	.27	.14	.12	339.30
147-75-680	68	5	C0G	.28	.15	.13	339.30
147-75-820	82	5	C0G	.28	.15	.13	339.30
147-75-101	100	5	C0G	.28	.15	.13	339.30
147-75-121	120	5	C0G	.29	.22	.16	351.90
147-75-151	150	5	C0G	.29	.22	.16	351.90
147-75-221	220	5	C0G	.29	.22	.16	351.90
147-75-271	270	5	C0G	.29	.22	.16	351.90
147-75-331	330	5	C0G	.29	.22	.16	351.90
147-75-471	470	5	C0G	.29	.22	.16	369.00
147-75-102	1000	5	C0G	.33	.25	.18	450.00
147-71-391	390	10	X7R	.26	.19	.14	339.30
147-71-561	560	10	X7R	.26	.19	.14	339.30
147-71-681	680	10	X7R	.26	.19	.14	339.30
147-71-821	820	10	X7R	.26	.19	.14	339.30
147-71-152	1500	10	X7R	.26	.19	.14	351.90
147-71-222	2200	10	X7R	.26	.19	.14	351.90
147-71-472	4700	10	X7R	.26	.20	.14	351.90
147-71-562	5600	10	X7R	.26	.20	.14	351.90
147-71-103	10000	10	X7R	.17	.12	.09	339.30
147-71-223	22000	10	X7R	.33	.25	.18	394.20
147-71-333	33000	10	X7R	.36	.27	.19	432.00
147-71-473	47000	10	X7R	.37	.28	.20	466.20
147-72-103	10000	20	Z5U	.16	.12	.09	275.40
147-72-473	47000	20	Z5U	.21	.15	.10	339.30
147-72-683	68000	20	Z5U	.21	.15	.10	351.90
147-72-104	100000	20	Z5U	.16	.12	.09	216.90
147-72-224	220000	20	Z5U	.42	.32	.23	504.00

Ceramic and Trimmer Capacitors

XICON Passive Components CERAMIC TRIMMER CAPACITORS

4mm Super Miniature, 50WVDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Range (pF)	Q Factor @ 10MHz	Temp. Coeff. ppm/°C	Rotor Color Code	Price Each			
						1	10	100	500
242-1810	A	1.8-10.0	>300	N550±300	None	1.51	1.26	1.15	1.02
242-2820	A	2.8-20.0	>300	N550±300	Blue	1.51	1.26	1.15	1.02
242-4030	A	4.0-30.0	>200	N1200±500	Yellow	1.51	1.26	1.15	1.02

5mm Surface Mount Micro-Miniature, 200WVDC

24AA070	B	1.8-6.0	>300	NPO±250	Red	.97	.81	.74	.65
24AA071	B	2.8-12.5	>300	N600±300	None	.97	.81	.74	.65
24AA072	B	3.5-20	>300	N750±300	Blue	.97	.81	.74	.65
24AA073	B	5.0-30	>200	N1500±300	Yellow	1.04	.86	.79	.70
24AA074	B	9.0-50	>200	N1500±300	Green	1.06	.88	.81	.71

5mm Micro-Miniature, 200WVDC

24AA080	C	1.8-6.0	>300	NPO±250	Red	1.06	.88	.81	.71
24AA081	C	2.8-12.5	>300	N600±300	None	1.06	.88	.81	.71
24AA082	C	3.5-20	>300	N750±300	Blue	1.06	.88	.81	.71
24AA083	C	5.0-30	>200	N1500±500	Yellow	1.09	.91	.83	.74
24AA084	C	9.0-50	>200	N1500±500	Green	1.13	.94	.86	.77
24AA020	D	1.8-6.0	>300	NPO±250	Red	.97	.81	.74	.65
24AA021	D	2.8-12.5	>300	N600±300	None	.97	.81	.74	.65
24AA022	D	3.5-20	>300	N750±300	Blue	.98	.82	.74	.66
24AA023	D	5.0-30	>200	N1500±500	Yellow	1.05	.87	.80	.71
24AA024	D	9.0-50	>200	N1500±500	Green	1.05	.87	.80	.71
24AA091	E	2.8-12.5	>300	N600±300	None	1.05	.87	.80	.71
24AA092	E	3.5-20.0	>300	N750±300	Blue	1.05	.87	.80	.71

6mm Snap-In Mount, 100WVDC

242-3010	F	3.0-10	>300	NPO±200	White	.48	.40	.37	.33
242-4221	F	4.2-20	>300	N450±300	Red	.48	.40	.37	.33
242-6230	F	6.2-30	>200	N750±300	Green	.54	.45	.42	.37
242-9850	F	9.8-50	>244	N1200±600	Brown	.48	.40	.37	.33

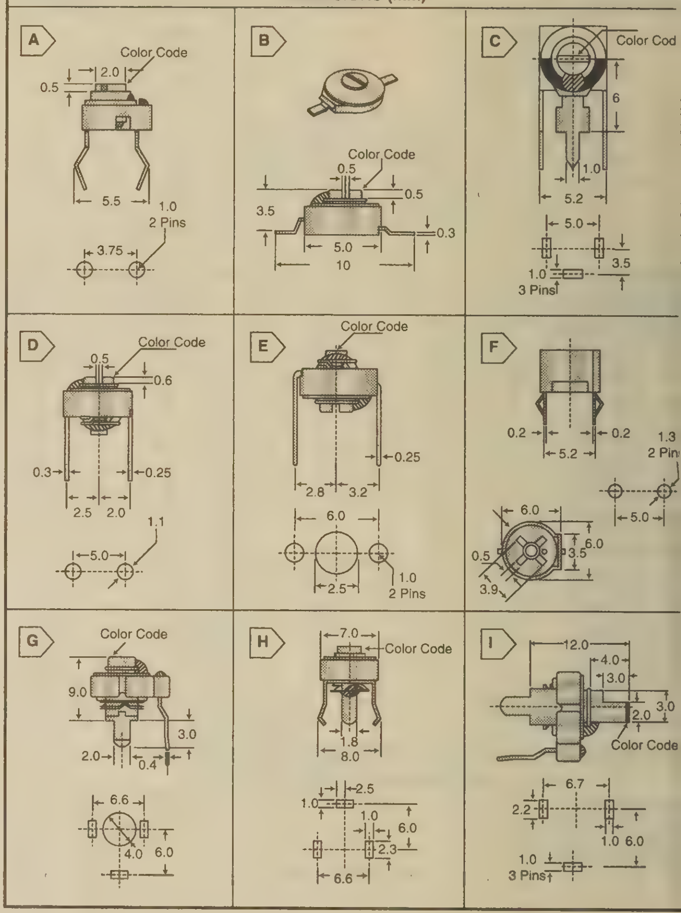
7mm Ultra-Miniature, 225WVDC

24AA113	G	4.0-34	>300	N550±800	Yellow	1.06	.88	.81	.71
242-3810-12	H	2.0-12	>300	NPO±200	None	.88	.73	.66	.60
242-3810-23	H	2.8-23	>300	N450±200	Blue	.88	.73	.66	.60
242-3810-45	H	5.0-45	>200	N1400±800	Brown	1.04	.86	.79	.70
242-3810-55	H	5.0-55	>200	N1400±800	Green	1.06	.88	.81	.71
242-3810-70	H	6.0-70	>200	N1400±800	Gray	1.26	1.05	.96	.85
242-3810-100	H	12.0-100	200@1MHz	N1400±800	Black	1.32	1.10	1.00	.89

7mm Ultra-Miniature, Rotary Shaft

242-3410-34	I	4.0-34	>300	N500±800	Yellow	1.08	.89	.82	.73
242-3410-45	I	5.0-45	>200	N1400±800	Brown	1.12	.94	.85	.76
242-3410-55	I	5.0-55	>200	N1400±800	Green	1.21	1.00	.92	.82
242-3410-70	I	6.0-70	>200	N1400±800	None	1.26	1.05	.96	.85

DIMENSIONS (mm)

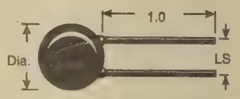


MALLORY HIGH VOLTAGE CERAMIC DISC CAPACITORS

All capacitors are coated with tough humidity resistant coating and primarily designed for noncritical coupling, bypass and filter applications.

Specifications:

- Max. voltage: 2.5x rated @ .5 sec. max.
- Insulation resistance: 10GΩ min.
- Power factor: 2.5% max.
- Test frequency: 1KHz
- Tolerance: ±10% (Y5P), ±20% (Y5U)



DIMENSIONS (IN.)

GP Series

- Operating temperature: -55°C to +85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (pF)	Temp. Coeff.	Dia. Max.	LS (In.)	Price Each		
						1	100	1000
539-GP310	1000	100	Y5P	.236	.25	.18	.09	.08
539-GP347	1000	470	Y5P	.236	.25	.18	.09	.08
539-GP210	1000	1000	Y5P	.291	.25	.21	.10	.09
539-GP222	1000	2200	Y5P	.374	.25	.27	.14	.11
539-GP247	1000	4700	Y5U	.433	.25	.32	.16	.14
539-GP110	1000	10000	Y5U	.590	.375	.40	.20	.17

HT Series

- Operating temperature: -35°C to +85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (pF)	Temp. Coeff.	Dia. Max.	LS (In.)	Price Each		
						1	100	1000
539-HT471K	3000	470	Y5P	.394	.375	.32	.16	.13
539-HT102M	3000	1000	Y5U	.394	.375	.41	.20	.17
539-HT222M	3000	2200	Y5U	.590	.375	.41	.20	.17
539-HT472M	3000	4700	Y5U	.787	.375	1.13	.58	.47

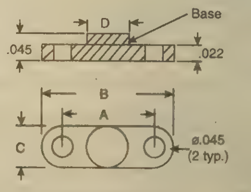
CAPACITOR MOUNTS

Specifications:

- Accurately positions capacitors or discrete components on PC board
- Type 66 nylon construction

For quantities greater than listed, call for quote.

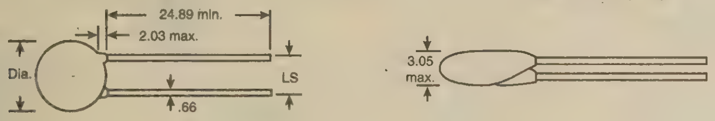
MOUSER STOCK NO.	Dimensions (In.)				Price Each			
	A	B	C	D	1	100	1000	5000
561-F001	.100	.180	.090	.050	.32	.12	.08	.032
561-F002	.150	.270	.125	.090	.32	.12	.08	.032
561-F003	.200	.290	.090	.090	.32	.12	.08	.032



DIMENSIONS (IN.)

EIA CLASS 2 DISC CERAMIC CAPACITORS

Dimensions (mm)



50 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±10%	Temp. Coeff.: Y5P					
140-50P2-101K	100	5	2.5	.06	.034	.031
140-50P2-121K	120	5	2.5	.06	.034	.031
140-50P2-151K	150	5	2.5	.06	.034	.031
140-50P2-181K	180	5	2.5	.06	.034	.031
140-50P2-201K	200	5	2.5	.06	.034	.031
140-50P2-221K	220	5	2.5	.06	.034	.031
140-50P2-271K	270	5	2.5	.06	.034	.031
140-50P2-331K	330	5	2.5	.08	.034	.031
140-50P2-391K	390	5	2.5	.06	.034	.031
140-50P2-471K	470	5	2.5	.08	.034	.031
140-50P2-561K	560	5	2.5	.06	.034	.031
140-50P2-681K	680	5	2.5	.06	.034	.031
140-50P2-821K	820	5	2.5	.06	.034	.031
140-50P2-102K	1000	5	2.5	.08	.034	.031
140-50P2-122K	1200	5	2.5	.06	.034	.031
140-50P2-152K	1500	5	2.5	.06	.034	.031
140-50P5-182K	1800	5	5	.06	.034	.031
140-50P5-202K	2000	5	5	.08	.04	.038
140-50P5-222K	2200	5	5	.08	.04	.038
140-50P5-272K	2700	6	5	.08	.04	.038
140-50P5-332K	3300	7.5	5	.08	.04	.038
140-50P5-392K	3900	7.5	5	.08	.04	.038
140-50P5-472K	4700	8.5	5	.08	.04	.038
140-50P5-562K	5600	8.5	5	.08	.04	.038
140-50P5-682K	6800	9.5	5	.12	.065	.058
140-50P5-103K	10000	16	5	.15	.09	.085
Tolerance: ±20%	Temp. Coeff.: Y5P					
140-CD50P6-502M	5000	8.5	6.4	.14	.048	.045
Tolerance: ±20%	Temp. Coeff.: Z5U					
140-50Z5-102M	1000	5	5	.07	.022	.021
140-50Z5-202M	2000	5.5	5	.07	.022	.021
140-50Z5-222M	2200	5	5	.07	.022	.021
140-50Z5-472M	4700	6.6	5	.07	.022	.021
140-50Z2-103M	10000	7.5	5	.08	.023	.022
140-50Z5-103M	10000	7.5	5	.08	.023	.022
140-50Z5-203M	20000	10.5	5	.10	.039	.024
140-50Z5-223M	22000	10.5	5	.10	.039	.024
140-50Z9-104Z	100000	16	9.5	.19	.11	.10
Tolerance: +80% to -20%	Temp. Coeff.: Z5V					
140-50Q5-102Z	1000	5	5	.07	.021	.02
140-50Q5-103Z	10000	6.5	5	.075	.022	.021
140-50Q5-223Z	22000	7.5	5	.15	.048	.045
140-50Q5-473Z	47000	10.5	5	.13	.095	.065
140-50Q9-104Z	100000	16	9.5	.17	.10	.095

100 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: +80% to -20%	Temp. Coeff.: Z5U					
140-100Z5-102Z	1000	5	5	.085	.04	.036
140-100Z5-472Z	4700	5	5	.085	.04	.036
140-100Z5-103Z	10000	7.5	5	.09	.048	.041
140-100Z5-203Z	20000	7.5	5	.12	.057	.054
140-100Z5-223Z	22000	10.5	5	.061	.056	.052
140-100Z9-473Z	47000	12	9.5	.15	.11	.09
140-100Z9-503Z	50000	10.5	9.5	.19	.11	.10
140-100Q9-104Z	100000	16.5	9.5	.25	.17	.14

500 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±20%	Temp. Coeff.: Y5F and Y5P					
140-CD500F6-012M	12	5.5	6.4	.14	.05	.045
140-CD500F6-039M	39	8.5	6.4	.14	.05	.045

500 Volt (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±20%	Temp. Coeff.: Y5F & Y5P					
140-CD500F6-056M	56	8.5	6.4	.14	.05	.045
140-500P5-101K	100	5	5	.11	.05	.046
140-500P5-121K	120	5	5	.11	.05	.046
140-500P5-151K	150	5	5	.11	.05	.046
140-500P5-181K	180	5	5	.11	.05	.046
140-CD500F6-201M	200	10	6.4	.14	.055	.046
140-500P5-221K	220	5	5	.14	.055	.046
140-CD500F6-251M	250	10	6.4	.14	.055	.046
140-500P5-251K	250	5	5	.11	.05	.046
140-CD500F6-271M	270	10	6.4	.14	.055	.046
140-500P5-271K	270	5	5	.11	.05	.046
140-500P5-331K	330	6	5	.11	.05	.046
140-500P5-391K	390	6	5	.11	.05	.046
140-500P5-471K	470	5	5	.14	.06	.05
140-500P5-501K	500	6	5	.11	.05	.046
140-500P5-561K	560	6	5	.11	.06	.057
140-500P5-681K	680	10	5	.14	.06	.057
140-500P5-102K	1000	6	5	.13	.10	.078
140-500P5-152K	1500	7.5	5	.13	.10	.078
140-500P5-182K	1800	7.5	5	.13	.10	.078
140-500P5-222K	2200	8.5	5	.13	.10	.078
140-500P5-272K	2700	8.5	5	.13	.10	.078
140-500P5-332K	3300	9.5	5	.16	.12	.093
140-500P5-392K	3900	9.5	5	.16	.12	.093
140-500P5-472K	4700	10.5	5	.19	.15	.12
140-500P5-562K	5600	10.5	5	.19	.15	.12
140-500P5-682K	6800	12	5	.19	.15	.12
140-500P5-822K	8200	12	5	.19	.15	.12
140-500P9-103K	10000	12	9	.19	.15	.12
Tolerance: +80% to -20%	Temp. Coeff.: Z5U					
140-500Z5-102Z	1000	5	5	.15	.047	.045
140-500Z5-222Z	2200	5	5	.15	.047	.045
140-CD500Z6-302Z	3000	7.5	6.4	.16	.047	.045
140-500Z5-472Z	4700	8.5	5	.16	.06	.053
140-500Z5-103Z	10000	10.5	5	.17	.08	.072
140-500Z5-223Z	22000	15	5	.25	.13	.11
140-500Z9-223Z	22000	15	9.5	.25	.13	.11

1000 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±10%	Temp. Coeff.: Y5P					
140-102P6-101K	100	6.5	6.4	.10	.055	.053
140-102P6-121K	120	6.5	6.4	.10	.055	.053
140-102P6-151K	150	6.5	6.4	.10	.055	.053
140-102P6-181K	180	6.5	6.4	.10	.055	.053
140-102P6-221K	220	6.5	6.4	.10	.055	.053
140-102P6-271K	270	6.5	6.4	.10	.055	.053
140-102P6-301K	300	6.5	6.4	.10	.055	.053
140-102P6-331K	330	6.5	6.4	.10	.055	.053
140-102P6-391K	390	6.5	6.4	.10	.055	.053
140-102P6-471K	470	6.5	6.4	.10	.055	.053
140-102P6-561K	560	6.5	6.4	.10	.055	.053
140-102P6-681K	680	6.5	6.4	.16	.10	.088
140-102P6-821K	820	6.5	6.4	.16	.10	.088
140-102P6-102K	1000	6.5	6.4	.16	.10	.088
140-102P6-122K	1200	8.5	6.4	.26	.21	.18
140-102P6-152K	1500	8.5	6.4	.26	.21	.18
140-102P6-182K	1800	9	6.4	.26	.21	.18
140-102P6-222K	2200	9.5	6.4	.26	.21	.18
140-102P6-272K	2700	11	6.4	.26	.21	.18
140-102P6-302K	3000	11	6.4	.26	.21	.18
140-102P6-332K	3300	11	6.4	.34	.23	.21
140-102P9-472K	4700	15	9.5	.45	.39	.26
140-102P9-562K	5600	15	9.5	.52	.41	.34
140-102P9-682K	6800	17	9.5	.52	.41	.34
140-102P9-822K	8200	17	9.5	.76	.61	.49
140-102P9-103K	10000	19	9.5	.90	.69	.54

2000 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±10%	Temp. Coeff.: Y5P					
140-202P6-101K	100	7	6.4	.12	.06	.057
140-202P6-121K	120	7	6.4	.12	.06	.056
140-202P6-151K	150	7	6.4	.12	.06	.056
140-202P6-181K	180	7	6.4	.12	.06	.056
140-202P6-221K	220	7	6.4	.12	.06	.056
140-202P6-331K	330	7	6.4	.12	.06	.056
140-202P6-391K	390	7	6.4	.12	.09	.071
140-202P6-471K	470	7	6.4	.18	.095	.091
140-202P6-681K	680	7	6.4	.18	.095	.091
140-202P6-821K	820	8.5	6.4	.18	.095	.091
140-202P6-102K	1000	8.5	6.4	.22	.115	.11
140-202P6-122K	1200	10	6.4	.24	.14	.12
140-202P6-152K	1500	10	6.4	.36	.29	.24
140-202P6-182K	1800	12	6.4	.39	.31	.25
140-202P6-222K	2000	12	6.4	.45	.39	.34
140-202P9-272K	2700	12	9.5	.55	.49	.43
140-202P9-332K	3300	15	9.5	.89	.76	.65
140-202P9-472K	4700	15	9.5	1.05	.99	.91
140-202P9-682K	6800	16	9.5	1.1	1.02	.96
140-202P9-822K	8200	16	9.5	1.18	1.09	1.01
140-202P9-103K	10000	19	9.5	1.25	1.17	1.09

3000 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±10%	Temp. Coeff.: Y5P					
140-CD302P9-101K	100	7	9.5	.38	.29	.28
140-302P6-101K	100	7	6.4	.30	.22	.17
140-302P6-121K	120	7	6.4	.30	.22	.17
140-302P6-151K	150	7	6.4	.30	.22	.17
140-302P6-181K	180	7	6.4	.30	.22	.17
140-302P6-221K	220	7	6.4	.30	.22	.17
140-302P6-331K	330	8	6.4	.32	.24	.185
140-302P6-471K	470	8	6.4	.35	.28	.215
140-CD302P9-681K	680	9	9.5	.38	.29	.28
140-302P6-681K	680	9	6.4	.35	.28	.22
140-302P6-821K	820	10	6.4	.45	.41	.37
140-302P9-122K	1200	12	9.5	.65	.59	.48
140-302P9-152K	1500	12	9.5	.65	.59	.48
140-302P9-182K	1800	14	9.5	.65	.59	.48
140-302P9-222K	2200	14	9.5	.99	.85	.76
140-302P9-272K	2700	16	9.5	1.25	1.10	1.02
140-302P9-332K	3300	16	9.5	1.34	1.26	1.13
140-302P9-472K	4700	16	9.5	1.43	1.37	1.22
140-302P9-682K	6800	19	9.5	1.50	1.40	1.30
Tolerance: ±20%	Temp. Coeff.: Z5U					
140-302Z6-102M	1000	8	6.4	.30	.23	.19
140-302Z9-222M	2200	10	9.5	.48	.36	.33
140-302Z9-472M	4700	16	9.5	.82	.62	.56
140-302Z9-103M	10000	18	9.5	1.42	1.07	.98
140-CD302U9-103M	10000	20	9.5	1.42	1.07	1.03

6000 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±10%	Temp. Coeff.: Y5P					
140-602P9-221K	220	10.5	9.5	.44	.29	.24
140-602P9-471K	470	16	9.5	.62	.41	.34
140-CD602P9-561K	560	10	9.5	.62	.34	.32
Tolerance: ±20%	Temp. Coeff.: Z5U					
140-602Z9-102M	1000	10.5	9.5	.62	.43	.34
140-CD602U9-222M	2200	18	9.5	.90	.50	.46

10000 Volt

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. Max.	LS	Price Each		
				1	200	400
Tolerance: ±20%	Temp. Coeff.: Z5U					
140-CD103U9-501M	500	8	9.5	1.05	.58	.55

EIA CLASS 1 TEMPERATURE COMPENSATING

For quantities greater than listed, call for quote.

50 Volt Tolerance: ±5% Temp. Coeff.: SL

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-CD50S2-043J	43	5	2.5	.07	.023	.022
140-50S2-470J	47	5	2.5	.07	.029	.026
140-50S2-510J	51	5	2.5	.05	.029	.026
140-50S2-560J	56	5	2.5	.05	.029	.026
140-CD50S2-056J	56	5	2.5	.07	.023	.022
140-50S2-680J	68	5	2.5	.07	.029	.026
140-50S2-750J	75	5	2.5	.05	.029	.026
140-50S2-820J	82	5	2.5	.05	.029	.026
140-50S2-910J	91	5	2.5	.05	.029	.026
140-50S5-101J	100	5	5	.05	.029	.026
140-CD50S5-111J	110	6.3	5	.07	.023	.022
140-50S2-121J	120	5	2.5	.05	.029	.026
140-50S5-121J	120	5	5	.05	.029	.026
140-50S5-131J	130	5	5	.07	.029	.026
140-50S2-151J	150	5	2.5	.05	.029	.026
140-50S5-151J	150	5	5	.07	.029	.026
140-50S5-181J	180	6	5	.06	.045	.036
140-50S5-201J	200	6	5	.06	.045	.036
140-50S5-221J	220	8	5	.06	.045	.036
140-50S5-241J	240	7.5	5	.06	.045	.036
140-50S5-271J	270	7.5	5	.06	.045	.036
140-50S5-301J	300	7.5	5	.06	.045	.036
140-50S5-331J	330	7.5	5	.07	.055	.042
140-50S5-391J	390	8.5	5	.08	.065	.048
140-50S5-471J	470	8	5	.08	.065	.048
140-CD50S5-511J	510	10	5	.09	.043	.038
140-50S5-561J	560	9.5	5	.09	.07	.053
140-50S5-681J	680	9.5	5	.09	.07	.053
140-50S5-821J	820	9.5	5	.09	.07	.053
140-50S9-102J	1000	12.5	9.5	.10	.077	.07

50 Volt Tolerance: ±10% Temp. Coeff.: NPO

140-CD50N6-047K	47	8	6.4	.09	.032	.029
140-CD50N6-101K	100	10	6.4	.17	.058	.057

50 Volt Tolerance: ±5% Temp. Coeff.: NPO

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-50N5-1R0D	1.0	5	5	.06	.032	.029
140-50N5-2R2D	2.2	5	5	.06	.032	.029
140-50N5-4R7D	4.7	5	5	.06	.032	.029
140-50N5-100J	10	5	5	.06	.032	.029
140-50N5-120J	12	5	5	.06	.032	.029
140-50N2-150J	15	5	2.5	.06	.032	.029
140-50N2-180J	18	5	2.5	.06	.032	.029
141-50N2-020J	20	5	2.5	.06	.032	.031
140-50N5-200J	20	5	5	.06	.032	.029
140-50N5-220J	22	5	5	.06	.032	.029
140-50N2-220J	22	5	2.5	.06	.032	.029
140-50N2-270J	27	5	2.5	.07	.032	.029
140-50N5-300J	30	5	2.5	.06	.032	.029
140-50N5-330J	33	5	5	.06	.032	.029
140-50N2-390J	39	5	2.5	.06	.032	.029
140-50N5-470J	47	5	5	.06	.032	.029
140-50N5-510J	51	6	5	.06	.032	.029
140-50N2-560J	56	6	2.5	.06	.032	.029
140-50N2-680J	68	6	2.5	.07	.038	.034
140-50N2-820J	82	7.5	2.5	.07	.038	.034

50 Volt Tolerance: ±5% Temp. Coeff.: NPO

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-50N5-101J	100	7.5	5	.08	.045	.038
140-50N5-121J	120	8.5	5	.08	.045	.038
140-50N5-151J	150	8.5	5	.10	.056	.045
140-50N5-181J	180	9.5	5	.12	.065	.054
140-50N5-221J	220	10.5	5	.12	.065	.054
140-50N2-271J	270	10.5	2.5	.12	.065	.054
140-50N5-271J	270	10.5	5	.12	.065	.054

50 Volt Tolerance: ±20% Temp. Coeff.: SL

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-CD50S6-047M	47	5	6.4	.06	.032	.028
140-CD50S6-050M	50	5	6.4	.06	.032	.028
140-CD50S6-151M	150	5	6.4	.06	.032	.028
140-CD50S6-221M	220	8	6.4	.08	.045	.036
140-CD50S6-301M	300	10	6.4	.08	.045	.036
140-CD50S6-331M	330	10	6.3	.09	.05	.04

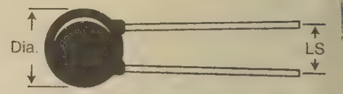
100 Volt Tolerance: ±5% Temp. Coeff.: NPO

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-100N2-1R0D	1	5	2.5	.07	.041	.037
140-100N2-2R2D	2.2	5	2.5	.07	.041	.037
140-100N2-4R7D	4.7	5	2.5	.07	.041	.037
140-100N2-100J	10	5	2.5	.09	.041	.037
140-100N2-150J	15	5	2.5	.07	.041	.037
140-100N2-200J	20	5	2.5	.07	.041	.037
140-100N5-220J	22	5	5	.09	.041	.037
140-100N5-270J	27	5	5	.07	.041	.037
140-100N5-300J	30	5	5	.07	.041	.037
141-100N5-030J	30	6.3	5	.09	.032	.031
140-100N5-330J	33	5	5	.09	.041	.037
140-100N5-390J	39	5	5	.07	.041	.037
140-100N5-470J	47	5	5	.07	.041	.037
140-100N5-560J	56	6	5	.09	.07	.055
140-100N5-680J	68	6	5	.09	.07	.055
140-100N5-101J	100	7.5	5	.15	.11	.085

500 Volt Tolerance: ±5% Temp. Coeff.: NPO

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-500N2-1R0C	1	6	2.5	.08	.07	.05
140-500N2-2R2C	2.2	6	2.5	.08	.07	.05
140-500N2-4R7C	4.7	6	2.5	.08	.07	.05
140-500N2-5R6D	5.6	6	2.5	.08	.07	.05
140-500N2-6R8D	6.8	6	2.5	.08	.07	.05
140-500N2-8R2D	8.2	6	2.5	.08	.07	.05
140-500N2-100J	10	6	2.5	.08	.07	.05
140-500N2-120J	12	6	2.5	.08	.07	.05
140-500N5-150J	15	6	5	.08	.07	.05
140-500N5-180J	18	8	5	.08	.07	.05

DIMENSIONS (mm)



500 Volt Tolerance: ±5% Temp. Coeff.: NPO

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-500N5-200J	20	6	5	.08	.07	.05
140-500N5-220J	22	6	5	.08	.07	.05
140-500N5-270J	27	6	5	.08	.07	.05
140-500N5-330J	33	6	5	.16	.10	.07
140-500N5-390J	39	7.5	5	.12	.10	.07
141-500N5-039J	39	10	5	.17	.057	.05
140-500N5-470J	47	7.5	5	.16	.10	.07
140-500N5-560J	56	7.5	5	.12	.10	.07
140-500N5-680J	68	7.5	5	.12	.10	.07
140-500N5-820J	82	7.5	5	.17	.15	.11
140-500N5-101J	100	10.5	5	.17	.15	.11

500 Volt Tolerance: ±10% Temp. Coeff.: SL

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-500S5-470K	47	5	5	.10	.078	.05
140-500S5-560K	56	5	5	.10	.078	.05
140-500S5-680K	68	5	5	.10	.078	.05
140-500S5-820K	82	5	5	.10	.078	.05
140-500S5-101K	100	5	5	.10	.078	.05
140-500S5-121K	120	6	5	.10	.078	.05
140-500S5-151K	150	6	5	.10	.078	.05
140-500S5-181K	180	7.5	5	.15	.13	.10
140-500S5-221K	220	7.5	5	.15	.13	.10

1000 Volt Tolerance: ±10% Temp. Coeff.: SL

MOUSER STOCK NO.	(pF)	Dia. Max.	LS	Price Each		
				1	200	400
140-102N6-100J	10	6.5	6.35	.10	.07	.055
140-102N6-220J	22	6.5	6.35	.10	.07	.055
140-102N6-330J	33	6.5	6.35	.10	.07	.055
140-102S6-470J	47	6.5	6.35	.10	.07	.063
140-102S6-101J	100	6.5	6.35	.14	.09	.08
140-102S6-101K	100	8.5	6.35	.14	.09	.08
140-102S6-151J	150	8.5	6.35	.16	.11	.085
140-102S6-181J	180	9.5	6.35	.18	.13	.092
140-102S6-221J	220	9.5	6.35	.18	.13	.081
140-102S6-221K	220	9.5	6.35	.18	.13	.081
140-102S9-271J	270	9.5	6.35	.20	.15	.098
140-102S6-331J	330	9.5	6.35	.23	.17	.105
140-102S6-331K	330	9.5	6.35	.23	.17	.105
140-102S6-471J	470	13	6.35	.23	.17	.105
140-102S6-471K	470	13	6.35	.23	.17	.105
140-102S6-561J	560	13	6.35	.25	.22	.15
140-102S6-681J	680	16	6.35	.25	.22	.15
140-102S6-821J	820	16	6.35	.31	.28	.18
140-102S9-102J	1000	16	9.5	.31	.28	.18

6000 Volt Tolerance: ±10% Temp. Coeff.: SL

140-602S9-100K	10	16	9.5	.34	.23	.18
140-602S9-220K	22	12	9.5	.34	.23	.18
140-CD602S9-470K	47	7	9.5	.40	.22	.21
140-602S9-101K	100	16	9.5	.65	.43	.36

EIA CLASS 3 SEMICONDUCTOR TYPE

For quantities greater than listed, call for quote.

50 Volt Tolerance: +80% to -20% Temp. Coeff.: Y5V

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	200	400
140-CD50V2-202Z	.002	6	2.5	.12	.033	.03
140-50V5-103Z	.01	6.5	5.0	.16	.085	.075
140-50V5-223Z	.022	5.5	5	.17	.095	.085

For quantities greater than listed, call for quote.

50 Volt Tolerance: +80% to -20% Temp. Coeff.: Y5V

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	200	400
140-50V5-473Z	.047	8.5	5	.18	.10	.09
140-CD50V10-104Z	.1	13	10	.18	.10	.09

For quantities greater than listed, call for quote.

50 Volt Tolerance: +80% to -20% Temp. Coeff.: Y5V (cont.)

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	200	400
140-50V5-104Z	.1	9.5	5	.19	.105	.095
140-50V5-224Z	.22	12	5	.33	.22	.18

50 Volt Tolerance: ±20% Temp. Coeff.: Y5U

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	200	400
140-50U5-103M	.01	5	5	.15	.08	.07
140-50U5-223M	.022	5	5	.16	.09	.08
140-50U5-473M	.047	12	5	.17	.095	.085
140-50U5-104M	.1	15	5	.18	.10	.09
140-50U9-104Z	.1	9.5	9.5	.19	.11	.10

For quantities greater than listed, call for quote

100 Volt Tolerance: ±20% Temp. Coeff.: Y5U

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	200	400
140-CD100U5-333M	.033	5	5	.29	.15	.13

For quantities greater than listed, call for quote.

100 Volt Tolerance: +80% to -20% Temp. Coeff.: Y5V

MOUSER STOCK NO.	Value (µF)	Dia. Max.	LS	Price Each		
				1	200	400
140-100V5-103Z	.01	5	5	.23	.12	.10
140-100V5-223Z	.022	5.5	5	.26	.13	.11
140-100V5-333Z	.033	8.5	5	.26	.13	.11
140-100V5-473Z	.047	8.5	5	.30	.15	.13
140-100V9-104Z	.1	12	9.5	.25	.17	.14

ORANGE DROP® Polyester and Polypropylene Capacitors

TYPE 225P POLYESTER CAPACITORS

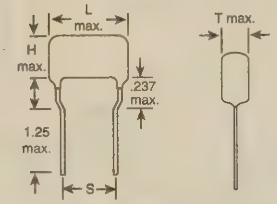
ype 225P capacitors are wound from PETP polyester film and thin gauge foil under carefully controlled tmospheric conditions. Protected against moisture by a conformal coating of epoxy. Specifically designed for rinted wiring board applications. Widely used in computers, instrumentation and telecommunications equipment.

00 VDC / 70 VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		L	H	T	S	1	25	100	250
75-225P100V0.001	0.001	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.0015	0.0015	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.0022	0.0022	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.0033	0.0033	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.0039	0.0039	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.0047	0.0047	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.0056	0.0056	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.0068	0.0068	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.01	0.01	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.015	0.015	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.022	0.022	.70	.35	.25	.375	.56	.43	.24	.23
75-225P100V0.027	0.027	.70	.37	.27	.375	.56	.43	.24	.23
75-225P100V0.033	0.033	.70	.37	.27	.375	.67	.51	.29	.27
75-225P100V0.039	0.039	.70	.42	.30	.375	.62	.48	.27	.25
75-225P100V0.047	0.047	.70	.42	.30	.375	.62	.48	.27	.25
75-225P100V0.056	0.056	.70	.49	.34	.375	.67	.51	.29	.27
75-225P100V0.068	0.068	.70	.49	.34	.375	.67	.51	.29	.27
75-225P100V0.082	0.082	.70	.55	.40	.375	.67	.51	.29	.27
75-225P100V0.1	0.1	.70	.55	.40	.375	.67	.51	.29	.27
75-225P100V0.12	0.12	.80	.57	.37	.375	.88	.68	.38	.35
75-225P100V0.15	0.15	.80	.62	.40	.375	.88	.68	.38	.35
75-225P100V0.18	0.18	.80	.66	.43	.375	1.04	.80	.44	.41
75-225P100V0.22	0.22	.80	.70	.46	.375	1.04	.80	.44	.41
75-225P100V0.27	0.27	.80	.74	.49	.375	1.25	.96	.54	.50
75-225P100V0.33	0.33	.80	.77	.52	.375	1.25	.96	.54	.50
75-225P100V0.47	0.47	.80	.86	.60	.375	1.80	1.39	.77	.72
75-225P100V0.56	0.56	1.25	.88	.55	.719	2.20	1.70	.94	.88
75-225P100V0.68	0.68	1.25	.90	.58	.719	2.20	1.70	.94	.88
75-225P100V0.82	0.82	1.25	.94	.65	.719	2.73	2.11	1.17	1.09
75-225P100V1.0	1.0	1.25	.98	.72	.719	2.73	2.11	1.17	1.09

Specifications:
- Operating temperature: -55°C to +85°C
- Tolerance ±10%
- Dissipation factor: maximum dissipation factor .75%
- Life test: shall withstand 500 hour life test at =85°C @ 150% of rated voltage



DIMENSIONS (IN.)

200 VDC / 140 VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each			
		L	H	T	S	1	25	100	250
75-225P200V0.01	0.01	.80	.58	.28	.375	.67	.51	.29	.27
75-225P200V0.022	0.022	.80	.58	.25	.375	.75	.58	.32	.30
75-225P200V0.047	0.047	.80	.61	.28	.375	.82	.63	.35	.33
75-225P200V0.1	0.1	.80	.71	.37	.375	.82	.63	.35	.33
75-225P200V0.15	0.15	.80	.74	.41	.375	.88	.68	.38	.35
75-225P200V0.22	0.22	.80	.77	.48	.375	1.04	.80	.45	.42
75-225P200V0.33	0.33	1.25	.71	.41	.719	1.25	.96	.54	.50
75-225P200V0.47	0.47	1.25	.83	.50	.719	1.82	1.40	.78	.73
75-225P200V0.68	0.68	1.25	1.14	.84	.719	2.56	1.97	1.10	1.02

400 VDC / 200 VAC

For quantities greater than listed, call for quote.

75-225P400V0.001	0.001	.80	.55	.25	.375	.67	.51	.29	.27
75-225P400V0.0047	0.0047	.80	.55	.25	.375	.67	.51	.29	.27
75-225P400V0.01	0.01	.80	.58	.28	.375	.67	.51	.29	.27
75-225P400V0.015	0.015	.80	.58	.28	.375	.70	.54	.30	.28
75-225P400V0.022	0.022	.80	.58	.31	.375	.70	.54	.30	.28
75-225P400V0.033	0.033	.80	.65	.34	.375	.82	.63	.35	.33
75-225P400V0.047	0.047	.80	.65	.41	.375	.82	.63	.35	.33
75-225P400V0.1	0.1	.80	.84	.52	.375	1.04	.80	.44	.41
75-225P400V0.15	0.15	1.25	.80	.47	.719	1.25	.96	.54	.50
75-225P400V0.22	0.22	1.25	.89	.56	.719	1.82	1.40	.78	.73
75-225P400V0.33	0.33	1.25	.99	.72	.719	2.56	1.97	1.10	1.02
75-225P400V0.47	0.47	1.25	1.14	.84	.719	4.95	3.82	2.12	1.98

TYPE 715P POLYPROPYLENE FILM CAPACITORS

ype 715P capacitors are ideal for applications where high AC current flow is found, as in certain solid-state TV ertical circuits, RF generators, and pulse-forming networks where dielectric heating is often a problem.

00 VDC / 155 VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		L	D	S	1	25	100	250
75-715P200V0.01	0.01	.75	.37	.375	.53	.40	.28	.26
75-715P200V0.015	0.015	.75	.37	.375	.53	.40	.28	.26
75-715P200V0.022	0.022	.75	.37	.375	.53	.40	.28	.26
75-715P200V0.033	0.033	.75	.42	.375	.60	.46	.32	.30
75-715P200V0.047	0.047	.95	.40	.375	.67	.52	.36	.34
75-715P200V0.068	0.068	.95	.45	.375	.67	.52	.36	.34
75-715P200V0.1	0.1	1.30	.45	.719	.77	.59	.41	.39
75-715P200V0.15	0.15	1.30	.55	.719	.89	.68	.47	.44
75-715P200V0.22	0.22	1.30	.62	.719	1.07	.82	.57	.54
75-715P200V0.33	0.33	1.70	.65	1.09	1.40	1.07	.75	.70
75-715P200V0.47	0.47	1.70	.75	1.09	1.71	1.31	.91	.86

00 VDC / 200 VAC

For quantities greater than listed, call for quote.

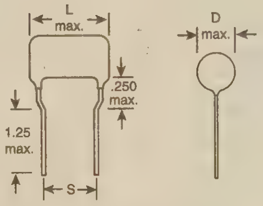
75-715P400V0.0047	0.0047	.75	.40	.375	.53	.40	.28	.26
75-715P400V0.0068	0.0068	.75	.40	.375	.53	.40	.28	.26
75-715P400V0.01	0.01	.75	.40	.375	.53	.40	.28	.26
75-715P400V0.022	0.022	.95	.45	.375	.67	.52	.36	.34
75-715P400V0.033	0.033	.95	.50	.375	.67	.52	.36	.34
75-715P400V0.047	0.047	1.30	.50	.719	.84	.64	.45	.42
75-715P400V0.068	0.068	1.30	.55	.719	.91	.70	.48	.45
75-715P400V0.1	0.1	1.30	.60	.719	.98	.75	.52	.49
75-715P400V0.15	0.15	1.30	.65	.719	1.06	.81	.56	.53
75-715P400V0.22	0.22	1.70	.70	1.09	1.42	1.09	.76	.71
75-715P400V0.33	0.33	1.70	.80	1.09	1.48	1.13	.79	.74
75-715P400V0.47	0.47	1.70	.90	1.09	2.03	1.56	1.08	1.02

00 VDC / 200 VAC

For quantities greater than listed, call for quote.

75-715P600V0.001	0.001	.75	.40	.375	.47	.36	.25	.24
75-715P600V0.0015	0.0015	.75	.40	.375	.47	.36	.25	.24
75-715P600V0.0022	0.0022	.75	.40	.375	.47	.36	.25	.24
75-715P600V0.0033	0.0033	.75	.40	.375	.47	.36	.25	.24
75-715P600V0.0047	0.0047	.75	.45	.375	.47	.36	.25	.24
75-715P600V0.0068	0.0068	.75	.45	.375	.53	.40	.28	.26
75-715P600V0.01	0.01	.95	.45	.375	.59	.45	.31	.29
75-715P600V0.015	0.015	.95	.50	.375	.60	.46	.32	.30
75-715P600V0.022	0.022	.95	.55	.375	.62	.47	.33	.31
75-715P600V0.033	0.033	1.30	.55	.719	.77	.59	.41	.39
75-715P600V0.047	0.047	1.30	.60	.719	.77	.59	.41	.39
75-715P600V0.068	0.068	1.30	.65	.719	.94	.72	.50	.47
75-715P600V0.1	0.1	1.30	.75	.719	1.22	.93	.65	.61
75-715P600V0.15	0.15	1.70	.75	1.09	1.47	1.13	.78	.74
75-715P600V0.22	0.22	1.70	.85	1.09	2.03	1.56	1.08	1.02

Specifications:
- Operating temperature: -55°C to 85°C; up to =105°C when working voltage is reduced to 50% of the 85°C rating
- Capacitance tolerance: ±5%
- Life test: shall withstand 500 hour life test at =85°C @ 150% of rated voltage
- Conformally coated with a flame retardant epoxy



DIMENSIONS (IN.)

800 VDC / 450 VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		L	D	S	1	25	100	250
75-715P800V0.0068	0.0068	1.30	.50	.719	.77	.59	.41	.39
75-715P800V0.01	0.01	1.30	.50	.719	.77	.59	.41	.39
75-715P800V0.015	0.015	1.30	.55	.719	.77	.59	.41	.39
75-715P800V0.022	0.022	1.30	.60	.719	.95	.72	.50	.47
75-715P800V0.033	0.033	1.30	.70	.719	1.21	.93	.65	.61
75-715P800V0.047	0.047	1.70	.70	1.09	1.56	1.20	.83	.78
75-715P800V0.068	0.068	1.70	.80	1.09	1.73	1.31	.91	.86
75-715P800V0.1	0.1	1.70	.90	1.09	2.03	1.56	1.08	1.02

1200 VDC / 475 VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		L	D	S	1	25	100	250
75-715P1200V0.015	0.015	1.30	.65	.719	1.22	.93	.65	.61
75-715P1200V0.047	0.047	1.70	.85	1.09	2.02	1.55	1.07	1.01

1600 VDC / 500 VAC

For quantities greater than listed, call for quote.

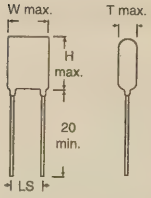
MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		L	D	S	1	25	100	250
75-715P1600V0.001	0.001	1.30	.50	.719	.77	.59	.41	.39
75-715P1600V0.0022	0.0022	1.30	.50	.719	.77	.59	.41	.39
75-715P1600V0.0033	0.0033	1.30	.55	.719	.89	.68	.47	.44
75-715P1600V0.0047	0.0047	1.30	.60	.719	.89	.68	.47	.44
75-715P1600V0.0068	0.0068	1.30	.65	.719	1.00	.76	.53	.50
75-715P1600V0.01	0.01	1.30	.70	.719	1.33	1.02	.71	.67
75-715P1600V0.015	0.015	1.70	.75	1.09	1.54	1.18	.82	.77
75-715P1600V0.022	0.022	1.70	.85	1.09	2.01	1.54	1.07	1.01
75-715P1600V0.033	0.033	1.70	.95	1.09	2.44	1.87	1.30	1.22

Polyester Film Capacitors

POLYESTER

Specifications:

- Rating temperature: -40°C to +85°C
- Withstanding volts: 250% rated voltage (5 sec.)
- Insulation resistance: not >30GΩ @ 1kHz, 20°C
- Dielectric dissipation factor; max. 1.0% @ 1 kHz, 25°C
- Coating: conformally coated with flame retardant epoxy resin



DIMENSIONS (mm)

LS (mm) ±1	Value (µF)	LS (mm) ±1	Value (µF)
3.5	.001-.012	7.5	.068-.12
4.0	.015-.03	9.0	.15-.27
5.0	.033-.056	10.0	.33-.68

50 Volt ±10%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Price Each		
		W	H	T	1	100	500
140-PF1H102K	.001	6.0	10.5	3.0	.10	.052	.047
140-PF1H502K	.005	6.0	10.5	3.0	.10	.052	.047
140-PF1H103K	.01	6.5	12	3.5	.11	.057	.052
140-PF1H153K	.015	7.0	12	3.5	.11	.057	.052
140-PF1H203K	.02	7.0	12	4.0	.14	.067	.061
140-PF1H303K	.03	7.5	12	4.0	.15	.073	.066
140-PF1H473K	.047	8.5	13	5.0	.17	.085	.077
140-PF1H503K	.05	8.5	13	5.0	.17	.085	.077
140-PF1H104K	.1	11	14	6.0	.24	.12	.11
140-PF1H204K	.20	12.5	17	7.0	.36	.18	.15
140-PF1H224K	.22	13	17	7.5	.36	.18	.15
140-PF1H334K	.33	14.5	21	8.5	.38	.24	.22
140-PF1H474K	.47	16	22	9.0	.43	.27	.25

100 Volt ±2%

For quantities greater than listed, call for quote.

140-PF2A102F	.001	6.0	10.5	3.0	.43	.30	.28
140-PF2A122F	.0012	6.0	10.5	3.0	.43	.30	.28
140-PF2A152F	.0015	6.0	10.5	3.0	.43	.30	.28
140-PF2A182F	.0018	6.0	10.5	3.0	.43	.30	.28
140-PF2A202F	.002	6.0	10.5	3.0	.43	.30	.28
140-PF2A222F	.0022	6.0	10.5	3.0	.43	.30	.28
140-PF2A272F	.0027	6.0	10.5	3.0	.43	.30	.28
140-PF2A302F	.003	6.0	10.5	3.0	.43	.30	.28
140-PF2A332F	.0033	6.0	10.5	3.0	.43	.30	.28
140-PF2A392F	.0039	6.0	10.5	3.0	.43	.30	.28
140-PF2A472F	.0047	6.0	10.5	3.0	.43	.30	.28
140-PF2A502F	.005	6.0	10.5	3.0	.43	.30	.28
140-PF2A562F	.0056	6.0	10.5	3.0	.43	.30	.28
140-PF2A682F	.0068	6.0	10.5	3.5	.43	.30	.28
140-PF2A822F	.0082	6.5	10.5	3.5	.43	.30	.28
140-PF2A103F	.01	6.5	12	3.5	.43	.30	.28
140-PF2A123F	.012	6.5	12	3.5	.43	.30	.28
140-PF2A153F	.015	7.0	12	3.5	.43	.30	.28
140-PF2A183F	.018	7.0	12	4.0	.43	.30	.28
140-PF2A203F	.02	7.0	12	4.0	.48	.31	.29
140-PF2A223F	.022	7.5	12	4.0	.48	.31	.29
140-PF2A273F	.027	7.5	12	4.0	.48	.31	.29
140-PF2A303F	.03	7.5	12	4.0	.56	.41	.37
140-PF2A333F	.033	8.0	12	5.0	.56	.41	.37
140-PF2A393F	.039	8.0	13	5.0	.59	.42	.37
140-PF2A473F	.047	8.5	13	5.0	.63	.44	.38
140-PF2A503F	.05	8.5	13	5.0	.65	.46	.43
140-PF2A563F	.056	9.0	13	5.0	.65	.46	.43
140-PF2A683F	.068	9.5	13	5.0	.68	.52	.49
140-PF2A823F	.082	10	13	6.0	.72	.56	.51
140-PF2A104F	.1	11	14	6.0	.72	.64	.58

100 Volt ±3%

For quantities greater than listed, call for quote.

140-PF2A102G	.001	6.0	10.5	3.0	.39	.27	.25
140-PF2A122G	.0012	6.0	10.5	3.0	.39	.27	.25
140-PF2A152G	.0015	6.0	10.5	3.0	.39	.27	.25
140-PF2A182G	.0018	6.0	10.5	3.0	.39	.27	.25
140-PF2A202G	.002	6.0	10.5	3.0	.39	.27	.25
140-PF2A222G	.0022	6.0	10.5	3.0	.39	.27	.25
140-PF2A302G	.003	6.0	10.5	3.0	.39	.27	.25
140-PF2A332G	.0033	6.0	10.5	3.0	.39	.27	.25
140-PF2A392G	.0039	6.0	10.5	3.0	.39	.27	.25
140-PF2A472G	.0047	6.0	10.5	3.0	.39	.27	.25
140-PF2A502G	.0050	6.0	10.5	3.0	.39	.27	.25
140-PF2A562G	.0056	6.0	10.5	3.0	.39	.27	.25
140-PF2A682G	.0068	6.0	10.5	3.5	.39	.27	.25
140-PF2A822G	.0082	6.0	10.5	3.5	.39	.27	.25
140-PF2A103G	.01	6.5	12.0	3.5	.39	.27	.25
140-PF2A123G	.012	6.5	12.0	3.5	.39	.27	.25
140-PF2A183G	.018	7.0	12.0	4.0	.39	.27	.25
140-PF2A203G	.02	7.5	12.0	4.0	.43	.28	.26
140-PF2A223G	.022	7.5	12.0	4.0	.43	.28	.26
140-PF2A273G	.027	7.5	12.0	4.0	.43	.28	.26
140-PF2A303G	.03	7.5	12.0	4.0	.55	.40	.36
140-PF2A333G	.033	8.0	12.0	5.0	.55	.40	.36
140-PF2A393G	.039	8.0	13.0	5.0	.56	.41	.37
140-PF2A473G	.047	8.5	13.0	5.0	.56	.41	.37
140-PF2A503G	.05	8.5	13.0	5.0	.56	.41	.37
140-PF2A563G	.056	9.0	13.0	5.0	.56	.41	.37
140-PF2A683G	.068	9.5	13.0	5.0	.58	.49	.45
140-PF2A823G	.082	10.0	13.0	6.0	.63	.57	.52
140-PF2A104G	.1	11	14.0	6.0	.63	.57	.52

100 Volt ±5%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Price Each		
		W	H	T	1	100	500
140-PF2A102J	.001	6.0	10.5	3.0	.12	.07	.061
140-PF2A122J	.0012	6.0	10.5	3.0	.12	.07	.061
140-PF2A152J	.0015	6.0	10.5	3.0	.12	.07	.061
140-PF2A182J	.0018	6.0	10.5	3.0	.12	.07	.061
140-PF2A202J	.002	6.0	10.5	3.0	.12	.07	.061
140-PF2A222J	.0022	6.0	10.5	3.0	.12	.07	.061
140-PF2A272J	.0027	6.0	10.5	3.0	.12	.07	.061
140-PF2A302J	.003	6.0	10.5	3.0	.12	.07	.061
140-PF2A332J	.0033	6.0	10.5	3.0	.12	.07	.061
140-PF2A392J	.0039	6.0	10.5	3.0	.12	.07	.061
140-PF2A472J	.0047	6.0	10.5	3.0	.12	.07	.061
140-PF2A502J	.005	6.0	10.5	3.0	.12	.07	.061
140-PF2A562J	.0056	6.0	10.5	3.0	.12	.07	.061
140-PF2A682J	.0068	6.0	10.5	3.5	.12	.07	.061
140-PF2A822J	.0082	6.5	10.5	3.5	.12	.07	.061
140-PF2A103J	.01	6.5	12	3.5	.14	.08	.063
140-PF2A123J	.012	6.5	12	3.5	.14	.08	.063
140-PF2A153J	.015	7.0	12	3.5	.14	.08	.063
140-PF2A183J	.018	7.0	12	4.0	.14	.08	.063
140-PF2A203J	.02	7.0	12	4.0	.19	.10	.088
140-PF2A223J	.022	7.5	12	4.0	.19	.10	.088
140-PF2A273J	.027	7.5	12	4.0	.19	.10	.088
140-PF2A303J	.03	7.5	12	4.0	.20	.12	.092
140-PF2A333J	.033	8.0	12	5.0	.20	.12	.092
140-PF2A393J	.039	8.0	13	5.0	.20	.12	.092
140-PF2A473J	.047	8.5	13	5.0	.21	.13	.099
140-PF2A503J	.05	8.5	13	5.0	.21	.13	.099
140-PF2A563J	.056	9.0	13	5.0	.21	.13	.099
140-PF2A683J	.068	9.5	13	5.0	.22	.14	.11
140-PF2A823J	.082	10	13	6.0	.22	.14	.13
140-PF2A104J	.1	11	14	6.0	.22	.16	.14
140-PF2A124J	.12	11	14	6.5	.22	.16	.14
140-PF2A154J	.15	12	17	7.0	.27	.18	.17
140-PF2A184J	.18	12.5	17	7.0	.29	.20	.18
140-PF2A224J	.22	13	17	7.5	.34	.25	.22
140-PF2A274J	.27	14.5	18	8.0	.37	.26	.22
140-PF2A334J	.33	14.5	21	8.5	.42	.28	.25
140-PF2A394J	.39	15	21	9.0	.47	.32	.29
140-PF2A474J	.47	16	22	9.0	.59	.42	.37

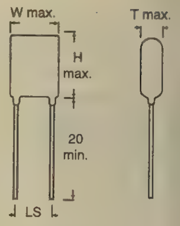
100 Volt ±10%

For quantities greater than listed, call for quote.

140-PF2A102K	.001	6.0	10.5	3.0	.10	.06	.049
140-PF2A122K	.0012	6.0	10.5	3.0	.10	.06	.049
140-PF2A152K	.0015	6.0	10.5	3.0	.10	.06	.049
140-PF2A182K	.0018	6.0	10.5	3.0	.10	.06	.049
140-PF2A202K	.002	6.0	10.5	3.0	.10	.06	.049
140-PF2A222K	.0022	6.0	10.5	3.0	.10	.06	.049
140-PF2A272K	.0027	6.0	10.5	3.0	.10	.06	.049
140-PF2A302K	.003	6.0	10.5	3.0	.10	.06	.049
140-PF2A332K	.0033	6.0	10.5	3.0	.10	.06	.049
140-PF2A392K	.0039	6.0	10.5	3.0	.10	.06	.049
140-PF2A472K	.0047	6.0	10.5	3.0	.11	.06	.051
140-PF2A502K	.005	6.0	10.5	3.0	.11	.06	.051
140-PF2A562K	.0056	6.0	10.5	3.0	.10	.06	.049
140-PF2A682K	.0068	6.0	10.5	3.5	.10	.06	.049
140-PF2A822K	.0082	6.5	10.5	3.5	.10	.06	.049
140-PF2A103K	.01	6.5	12.0	3.5	.12	.07	.054
140-PF2A123K	.012	6.5	12.0	3.5	.12	.07	.061
140-PF2A153K	.015	7.0	12.0	3.5	.14	.07	.061
140-PF2A183K	.018	.70	12.0	4.0	.13	.07	.061
140-PF2A203K	.02	7.0	12.0	4.0	.14	.08	.066
140-PF2A223K	.022	7.5	12.0	4.0	.14	.08	.066
140-PF2A273K	.027	7.5	12.0	4.0	.14	.08	.066
140-PF2A303K	.03	7.5	12.0	4.0	.16	.09	.07
140-PF2A333K	.033	8.0	12.0	5.0	.16	.09	.07
140-PF2A393K	.039	8.0	13.0	5.0	.16	.09	.07
140-PF2A473K	.047	8.5	13.0	5.0	.17	.10	.08
140-PF2A503K	.05	8.5	13.0	5.0	.17	.10	.08
140-PF2A563K	.056	9.0	13.0	5.0	.17	.10	.08
140-PF2A683K	.068	9.5	13.0	5.0	.20	.11	.087
140-PF2A823K	.082	10	13.0	6.0	.20	.11	.087
140-PF2A104K	.1	11	14.0	6.0	.21	.14	.09
140-PF2A124K	.12	11	14.0	6.5	.21	.14	.09
140-PF2A154K	.15	12	17.0	7.0	.26	.16	.13
140-PF2A184K	.18	12.5	17.0	7.0	.28	.17	.13
140-PF2A204K	.20	12.5	17.0	7.0	.32	.18	.14
140-PF2A224K	.22	13	17.0	7.5	.32	.20	.15
140-PF2A274K	.27	14.5	18.0	8.0	.35	.19	.15
140-PF2A334K	.33	14.5	21.0	8.5	.39	.25	.22
140-PF2A394K	.39	15	21.0	9.0	.44	.30	.24
140-PF2A474K	.47	16	22.0	9.0	.73	.35	.32
140-PF2A504K	.5	16	22.0	9.0	.73	.35	.32
140-PF2A684K	.68	16.5	23.0	11.5	.73	.35	.32

POLYESTER (cont.)

LS (mm) ±1	Value (µF)
3.5	.001-.0047
5.0	.01-.022
7.5	.047-.05
10.0	.1
12.5	.12-.22



DIMENSIONS (mm)

200 Volt ±10%

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Price Each		
		W	H	T	1	100	500
140-PF2D102K	.001	6.0	12	3.5	.17	.078	.06
140-PF2D222K	.0022	6.0	12	3.5	.17	.078	.06
140-PF2D472K	.0047	6.5	12	3.5	.17	.078	.06
140-PF2D103K	.01	8.5	13	4.5	.17	.086	.07
140-PF2D153K	.015	9	13	6	.17	.086	.07
140-PF2D223K	.022	10	13.5	6	.19	.089	.07
140-PF2D473K	.047	14	15.5	7	.21	.089	.08
140-PF2D503K	.05	14	15.5	7	.24	.12	.11
140-PF2D104K	.1	17	20	9	.32	.19	.15
140-PF2D154K	.15	18	21	9.5	.37	.23	.17
140-PF2D204K	.2	19	21	11	.50	.29	.22
140-PF2D224K	.22	19	21	11	.51	.32	.23

400 Volt ±10%

For quantities greater than listed, call for quot

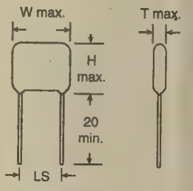
MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Price Each		
		W	H	T	1	100	500
140-PF2G102K	.001	6.0	12	3.5	.17	.10	.08
140-PF2G222K	.0022	6.0	12	3.5	.17	.10	.08
140-PF2G472K	.0047	7	13	4	.18	.10	.08
140-PF2G103K	.01	9	13	5	.18	.11	.09
140-PF2G203K	.02	12	13.5	7	.21	.11	.09
140-PF2G223K	.022	12	13.5	7	.21	.11	.09
140-PF2G503K	.05	16	18	9	.35	.17	.15
140-PF2G104K	.1	18	20	10	.42	.27	.21

SUB-MINIATURE

Specifications:

- Temp. stability: +5% to -2% capacitance change @+85°C
  0% to -5% capacitance change @-40°C
- Dissipation factor: 1% max. (1kHz)

LS (mm) ±1	Value (µF)
3.5	.001-.033
5.0	.047-.1
7.5	.22
6.4	.47



DIMENSIONS (mm)

100 Volt ±10%

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Price Each		
		W	H	T	1	100	500
140-PM2A102K	.001	5.5	7.5	3.0	.12	.07	.055
140-PM2A202K	.002	5.5	7.5	3.0	.12	.07	.055
140-PM2A222K	.0022	5.5	7.5	3.0	.12	.07	.052
140-PM2A332K	.0033	6.0	7.5	3.0	.12	.07	.055
140-PM2A472K	.0047	6.0	7.5	3.0	.12	.07	.055
140-PM2A502K	.005	6.0	7.5	3.0	.12	.07	.055
140-PM2A103K	.01	6.0	7.5	3.0	.13	.08	.066
140-PM2A203K	.02	6.5	9.0	3.5	.14	.09	.073
140-PM2A223K	.022	6.5	9.0	3.5	.14	.09	.073
140-PM2A333K	.033	6.5	9.0	4.0	.15	.10	.078
140-PM2A473K	.047	7.5	9.5	4.0	.17	.11	.092
140-PM2A503K	.05	7.5	9.5	4.5	.20	.12	.10
140-PM2A104K	.1	8.5	11.5	6.0	.26	.16	.13
140-PM2A224K	.22	11.5	13	7.0	.36	.22	.19
140-PM2A474K	.47	13	15.5	8.0	.63	.39	.35

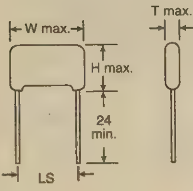
XICON™ Passive Components

Non-Inductive and Polyester Film Capacitors

METALLIZED

Features:
- Non-inductive construction
- Self-healing characteristics
- High stability
- Efficient capacitance to volume packaging
- Protective conformal epoxy coating

Specifications:
- Operating temperature: -40°C to 85°C with no voltage derating
- Dissipation factor: 1% max. @ 1kHz, 20°C
- Dielectric strength: 150% of working voltage for 1 minute



DIMENSIONS (mm)

250V ± 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	10	100
146-250V.01K	.01	12.5	9.0	5.0	10	.26	.207	.18
146-250V.012K	.012	12.5	9.0	5.0	10	.26	.207	.18
146-250V.015K	.015	12.5	9.0	5.0	10	.26	.207	.18
146-250V.022K	.022	12.5	9.0	5.0	10	.26	.207	.18
146-250V.027K	.027	12.5	9.0	5.0	10	.26	.207	.18
146-250V.033K	.033	12.5	9.0	5.0	10	.26	.207	.18
146-250V.039K	.039	12.5	9.0	5.0	10	.26	.207	.18
146-250V.047K	.047	12.5	9.0	5.0	10	.26	.207	.18
146-250V.056K	.056	12.5	9.0	5.0	10	.26	.207	.18
146-250V.068K	.068	12.6	9.0	5.0	10	.26	.207	.18
146-250V.082K	.082	12.5	9.0	5.0	10	.26	.207	.18
146-250V.1K	.1	12.5	9.0	5.0	10	.27	.212	.185
146-250V.12K	.12	12.5	9.5	5.5	10	.29	.235	.206
146-250V.15K	.15	12.5	10	6.0	10	.31	.25	.218
146-250V.18K	.18	18	10	5.5	15	.34	.27	.235
146-250V.22K	.22	18	11	6.0	15	.36	.29	.251
146-250V.27K	.27	18	12	6.5	15	.39	.314	.275
146-250V.33K	.33	18	13	7.0	15	.41	.33	.284
146-250V.39K	.39	18	14	7.5	15	.44	.353	.309
146-250V.47K	.47	22	11	5.0	20	.47	.372	.325
146-250V.56K	.56	23	13	7.0	20	.51	.41	.354
146-250V.68K	.68	23	14	7.5	20	.53	.424	.37
146-250V.82K	.82	23	15	8.0	20	.56	.452	.40
146-250V1.0K	1.0	23	16	9.0	20	.64	.57	.51
146-250V1.2K	1.2	23	17	10	20	.76	.72	.65
146-250V1.5K	1.5	31	17	9.0	27	.86	.82	.76
146-250V1.8K	1.8	31	18	9.5	27	.98	.94	.87
146-250V2.2K	2.2	31	19	10	27	1.09	1.04	.91
146-250V2.7K	2.7	31	20.5	11.5	27	1.35	1.30	1.22
146-250V3.3K	3.3	31	22	13.5	27	1.62	1.59	1.52
146-250V3.9K	3.9	31	23	15	27	1.91	1.88	1.80
146-250V4.7K	4.7	31	24	16	27	2.06	2.01	1.88

400V ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	10	100
146-400V.01K	.01	12.5	9.0	5.0	10	.35	.30	.243
146-400V.015K	.015	12.5	9.0	5.0	10	.36	.304	.250
146-400V.022K	.022	12.5	9.0	5.0	10	.37	.31	.254
146-400V.033K	.033	12.5	9.5	5.5	10	.38	.323	.265
146-400V.047K	.047	12.5	11	6.5	10	.39	.33	.270
146-400V.068K	.068	18	10	5.5	15	.44	.37	.302
146-400V.1K	.1	18	11	6.0	15	.49	.414	.340
146-400V.15K	.15	18	13	7.0	15	.53	.44	.353
146-400V.22K	.22	18	15	8.5	15	.61	.51	.405
146-400V.33K	.33	23	16	9.0	20	.73	.61	.485
146-400V.47K	.47	23	18	11	20	.97	.812	.650
146-400V2.2K	2.2	31	27	18	27	2.80	2.33	1.83

630V ±10% Tolerance

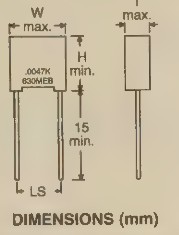
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	10	100
146-630V.01K	.01	12.5	9.5	5.5	10	.37	.31	.254
146-630V.015K	.015	12.5	10	5.5	10	.39	.33	.27
146-630V.022K	.022	12.5	11	6.0	10	.42	.356	.291
146-630V.033K	.033	18	11	6.0	15	.44	.375	.306
146-630V.047K	.047	18	12	6.5	15	.47	.40	.323
146-630V.068K	.068	18	13	7.0	15	.57	.485	.397
146-630V.1K	.1	23	13	7.0	20	.67	.563	.46
146-630V.15K	.15	23	15	8.5	20	.78	.66	.54
146-630V.22K	.22	23	16.5	8.5	20	1.00	.843	.69
146-630V.33K	.33	31	18.5	9.5	27	1.18	1.00	.82
146-630V.47K	.47	31	21	12	27	1.56	1.32	1.08
146-630V1.0K	1.0	31	27	18	27	2.63	2.25	1.89

METALLIZED BOX

These Xicon box case capacitors feature non-inductive windings, tin plated copper leads, and epoxy seals for reliable electrical and mechanical performance. They are well suited to telecommunications, industrial circuits, and data processing equipment where filtering, coupling, decoupling, or timing is required.

Specifications:
- Operating temperature: -40°C to +85°C
- Dissipation factor: 1% max. @ 1kHz, 25°C
- Insulation resistance: (IR): C≤.33µF IR>30GΩ C>.33µF IR>10GΩ
- Yellow, flame retardant plastic box



DIMENSIONS (mm)

100V ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	100	500
1430-1683	.068	10.5	9	4	7.5	.25	.21	.19
1430-1104	.1	13	11	5	10	.25	.21	.19
1430-1154	.15	13	11	5	10	.26	.25	.23
1430-1224	.22	13	12	6	10	.28	.23	.21
1430-1334	.33	13	12	6	10	.33	.26	.24
1430-1474	.47	18	12	6	15	.47	.34	.30
1430-1684	.68	18	12	6	15	.56	.41	.37
1430-1105	1.0	18	13.5	7.5	15	.69	.53	.48
1430-1225	2.2	26.5	17.5	8.5	22.5	1.23	.92	.86
1430-1475	4.7	32	20	11	27.5	1.83	1.52	1.38

250V ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	100	500
1430-2473	.047	13	9	4	10	.23	.20	.18
1430-2104	.1	13	11	5	10	.26	.21	.19
1430-2224	.22	18	12	6	15	.36	.27	.25
1430-2474	.47	18	14	7.5	12	.52	.39	.35
1430-2105	1.0	26.5	17	8.5	22.5	.82	.66	.58

400V ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	100	500
1430-4223	.022	13	11	5	10	.22	.19	.18
1430-4473	.047	13	12	6	10	.29	.23	.22
1430-4683	.068	18	11	5	15	.29	.25	.23
1430-4104	.1	18	12	6	15	.40	.28	.26
1430-4224	.22	26.5	15	6	22.5	.59	.48	.44

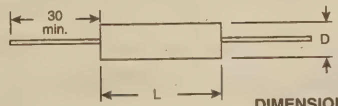
630V ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	100	500
1430-6103	.01	13	11	5	10	.25	.22	.20
1430-6223	.022	13	12	6	10	.25	.23	.22
1430-6333	.033	13	13	7	10	.28	.25	.24
1430-6473	.047	18	12	6	15	.46	.31	.28
1430-6104	.1	18	14.5	8.5	15	.45	.41	.37

METALLIZED

Specifications:
- Operating temp: -40°C to +85°C
- Test voltage: 750V
- Non-inductive and self healing



DIMENSIONS (mm)

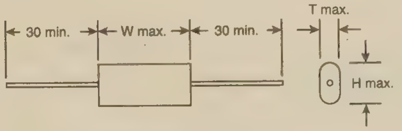
250V ± 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)		Price Each		
		D	L	1	100	500
23ME310	.01	5.5	14	.49	.39	.34
23ME322	.022	5.5	14	.49	.39	.34
23ME347	.047	5.5	14	.49	.39	.34
23ME368	.068	5.5	14	.49	.39	.34
23ME410	.1	6.0	14	.50	.42	.38
23ME415	.15	6.5	14	.50	.42	.38
23ME422	.22	7.0	19	.54	.46	.41
23ME433	.33	8.0	19	.54	.46	.41
23ME447	.47	9.0	19	.57	.48	.43
23ME468	.68	9.0	25	.64	.54	.48
23ME510	1.0	10.5	25	.73	.62	.55
23ME520	2.0	14	32	1.18	1.00	.89
23ME522	2.2	14	32	1.18	1.00	.89

METALLIZED

Specifications:
- Operating temp.: -40°C to +85°C
- Test voltage: WV x 1.6
- Test voltage: WV x 1.6
- Insulation resistance: 10GΩ
- Non-inductive and self healing



DIMENSIONS (mm)

250V ± 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Price Each		
		W	H	T	1	100	500
23MA410	.1	14	8.5	4.5	.55	.43	.39
23MA415	.15	14	9.0	5.0	.56	.47	.43
23MA422	.22	14	10	6.0	.57	.48	.44
23MA433	.33	19	12	6.5	.57	.48	.44
23MA447	.47	19	13	7.0	.67	.57	.52
23MA468	.68	25	12.5	6.5	.79	.67	.61
23MA510	1.0	25	14	7.5	.79	.67	.61
23MA515	1.5	32	16	8.5	1.27	1.07	.98
23MA522	2.2	32	18	9.5	1.31	1.19	1.07

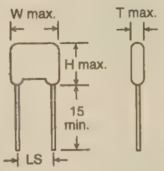
400V ± 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)			Price Each		
		W	H	T	1	100	500
23MA347	.047	14	12	4.5	.53	.41	.37
23MA368	.068	19	9.0	5.0	.53	.41	.37

NON-INDUCTIVE

Features:
- High stability and reliability
- Excellent environmental performance
- Low ESR
- Non-inductive construction minimizes dissipation factor



Specifications:
- Operating temperature: -40°C to +85C
- Capacitance range: .001 to .47µF
- Rated voltage: 100VDC, 200VDC
- Dissipation factor: 0.8% max @ 1kHz, 25°C
- Insulation resistance: >20,000MΩ (C≤.1µF), >2,000MΩ-µF (C> .1µF)

DIMENSIONS (mm)

100V±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	100	500
1432-1103	.01	10.5	9.5	6.0	7	.25	.17	.15
1432-1223	.022	10.5	9.5	6.0	7	.26	.17	.16
1432-1333	.033	13.5	10	6.0	10	.27	.18	.16
1432-1473	.047	13.5	11.5	7.5	10	.28	.19	.17
1432-1563	.056	13.5	11.5	7.5	10	.31	.21	.19
1432-1683	.068	13.5	12.5	7.0	10	.34	.23	.21
1432-1104	.1	14	13	8.0	10	.37	.25	.23
1432-1224	.22	20	15	8.5	15	.44	.29	.27
1432-1334	.33	20	17.5	10.5	15	.50	.33	.30
1432-1474	.47	20	21.5	13	15	.56	.38	.34
1432-2102	.001	10.5	9.5	5.0	7	.24	.16	.15
1432-2222	.0022	10.5	9.5	5.5	7	.24	.16	.15
1432-2332	.0033	10.5	9.5	5.5	7	.24	.16	.15
1432-2472	.0047	10.5	9.5	5.5	7	.25	.17	.15
1432-2562	.0056	10.5	9.5	5.5	7	.26	.17	.16

200V±10% Tolerance

For quantities greater than listed, call for quote.

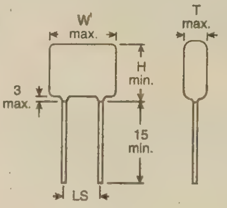
MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each		
		W	H	T	LS	1	100	500
1432-2102	.001	10.5	9.5	5.0	7	.24	.16	.15
1432-2222	.0022	10.5	9.5	5.5	7	.24	.16	.15
1432-2332	.0033	10.5	9.5	5.5	7	.24	.16	.15
1432-2472	.0047	10.5	9.5	5.5	7	.25	.17	.15
1432-2562	.0056	10.5	9.5	5.5	7	.26	.17	.16

Polypropylene and Polystyrene Film Capacitors

XICON™ Passive Components POLYPROPYLENE CAPACITORS

Constructed with polypropylene film dielectric in a non-inductive form. They feature low dissipation factor, high insulation resistance, fire retardant coating, and welded leads.

DIMENSIONS (mm)



Specifications:
- Operating temperature: -40°C to +85°C
- Test voltage: WVDC x 2.0
- Insulation resistance: 30GΩ

±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	WVDC	Value (µF)	Dimensions (mm)				Price Each			
			W	H	T	LS	1	100	500	1000
1431-6102K	630	.001	14	8.5	6	10	.33	.21	.19	.17
1431-6152K	630	.0015	14	9	6.5	10	.33	.21	.19	.17
1431-6222K	630	.0022	14	10	6.5	10	.33	.21	.19	.18
1431-4332K	400	.0033	14	9.5	6.0	10	.29	.20	.17	.16
1431-4472K	400	.0047	14	9.5	6.0	10	.30	.20	.18	.17
1431-4682K	400	.0068	14	10	6.5	10	.33	.22	.20	.18
1431-4103K	400	.01	14	11.5	7.5	10	.35	.23	.21	.19
1431-2153K	250	.015	14	10	6.5	10	.34	.23	.20	.19
1431-2223K	250	.022	14	12	7	10	.36	.24	.22	.20
1431-2333K	250	.033	19	11.5	6.5	15	.41	.27	.25	.23
1431-2473K	250	.047	19	12.5	7	15	.45	.30	.28	.25
1431-2563K	250	.056	19	13	8.0	15	.47	.31	.28	.26
1431-2683K	250	.068	19	14	9.0	15	.49	.33	.30	.27
1431-2104K	250	.1	19	16	9.5	15	.53	.36	.32	.29
1431-2154K	250	.15	26	17.5	10	21	.54	.35	.32	.28
1431-2224K	250	.22	26	21	12.5	22	.62	.41	.38	.34
1431-2334K	250	.33	32	22.5	13	27.5	.82	.61	.55	.50

±5% Tolerance

For quantities greater than listed, call for quote.

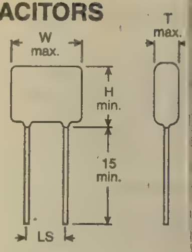
MOUSER STOCK NO.	WVDC	Value (µF)	Dimensions (mm)				Price Each			
			W	H	T	LS	1	100	500	1000
1431-4103J	400	.01	14	11.5	7.5	10	.39	.26	.23	.21
1431-2104J	250	.1	19	16	9.5	15	.59	.39	.36	.32
1431-2474J	250	.47	32	26	15.5	27.5	.85	.77	.70	.63

85°C METALLIZED POLYPROPYLENE CAPACITORS

These Xicon MPP Series capacitors feature non-inductive windings, copper clad steel leads, and environmentally resistive epoxy coatings for excellent electrical and mechanical performance. The non-inductive, polypropylene capacitor is especially suitable to telecommunication, industrial circuits, and data processing equipment where filtering, coupling, stable tuning, timing, or temperature compensation is required.

Specifications:
- Operating temperature: -55°C to +85°C
- Capacitance tolerance: ±10%
- Dissipation factor: 0.1% max. @ 1kHz, 25°C
- Insulation resistance: C ≤ .33µF, IR > 30GΩ
  C > .33µF, IR > 10GΩ

DIMENSIONS (mm)



100 WVDC

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Value (µF)	Dimensions (mm)				Price Each			
		W	H	T	LS	1	50	100	500
1429-1104	.1	13	11	7	10	.44	.29	.27	.24
1429-1474	.47	18.5	15.5	10	15	.70	.47	.43	.39

250 WVDC

For quantities greater than listed, call for quo

1429-2223	.022	13	10	6	10	.39	.26	.24	.22
1429-2333	.033	13	10	6	10	.43	.29	.26	.24
1429-2473	.047	13	10.5	6	10	.46	.31	.28	.25
1429-2104	.1	13	12	7	10	.56	.37	.34	.31
1429-2224	.22	18.5	13	7	15	.59	.39	.36	.33
1429-2334	.33	18.5	14.5	8	15	.86	.62	.56	.51
1429-2474	.47	18.5	15.5	10	15	.92	.71	.65	.58
1429-2105	1	23	18.5	11	20	1.17	.90	.82	.74
1429-2225	2.2	32	21.5	13.5	27.5	1.67	1.39	1.26	1.15
1429-2475	4.7	37	27	18	27.5	3.49	2.91	2.65	2.41

400 WVDC

For quantities greater than listed, call for quo

1429-4103	.01	13	10	6.5	10	.37	.25	.22	.20
1429-4473	.047	13	11	7.5	10	.48	.32	.29	.26
1429-4104	.1	18.5	13.5	8.0	15	.63	.42	.38	.34

630 WVDC

For quantities greater than listed, call for quo

1429-6103	.01	13	11	6.5	10	.46	.30	.27	.25
1429-6223	.022	13	12.5	8	10	.53	.35	.32	.29
1429-6473	.047	18.5	14	8.5	15	.63	.42	.38	.34
1429-6104	.1	23	17	10	20	.73	.48	.44	.40
1429-6224	.22	32	19	12	27.5	.97	.75	.68	.62
1429-6474	.47	32	24.5	15	27.5	1.43	1.19	1.08	.99

XICON™ Passive Components AXIAL 5% POLYSTYRENE CAPACITORS

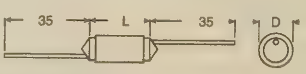
Comprised of polystyrene dielectric material fused to foil, these capacitors are highly resistant to humidity and provide excellent capacitance stability.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	D x L (mm)	Price Each			
			1	100	500	1000
23PS110	100	5.5 x 12	.24	.12	.11	.10
23PS112	120	5.5 x 12	.24	.12	.11	.10
23PS115	150	5.5 x 12	.24	.12	.11	.10
23PS118	180	5.5 x 12	.24	.12	.11	.10
23PS122	220	5.5 x 12	.24	.12	.11	.10
23PS127	270	5.5 x 12	.24	.12	.11	.10
23PS133	330	5.5 x 12	.22	.11	.10	.09
23PS139	390	5.5 x 12	.22	.11	.10	.09
23PS147	470	5.5 x 12	.22	.11	.10	.09
23PS156	560	5.5 x 12	.22	.11	.10	.09
23PS168	680	5.5 x 12	.22	.11	.10	.09
23PS182	820	6.0 x 12	.22	.11	.10	.09
23PS210	1000	6.0 x 12	.22	.11	.10	.09

Features:
- Excellent electrical characteristics
- High reliability and stability
- Low temperature coefficients
- Small dissipation factor

DIMENSIONS (mm)



Specifications:
- ±5% tolerance
- Dissipation factor (@ 100kHz):
  DF < 0.1% C ≥ 330pF
  Q > 1000 C < 330pF
- Operating temperature: -40°C to +85°C
- Temperature coefficient: N150 ±ppm/°C
- Insulation resistance (@25°C): 100GΩ min.
- 50 WVDC

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Value (pF)	D x L (mm)	Price Each			
			1	100	500	1000
23PS212	1200	6.0 x 12	.24	.12	.11	.10
23PS215	1500	6.0 x 12	.24	.12	.11	.10
23PS218	1800	6.0 x 12	.24	.12	.11	.10
23PS220	2000	6.5 x 12	.24	.12	.11	.10
23PS222	2200	6.5 x 12	.24	.12	.11	.10
23PS227	2700	7.0 x 12	.25	.12	.11	.10
23PS233	3300	7.0 x 12	.26	.13	.12	.11
23PS239	3900	7.5 x 12	.26	.13	.12	.11
23PS247	4700	8.0 x 12	.28	.14	.13	.12
23PS250	5000	8.0 x 12	.30	.15	.14	.12
23PS268	6800	9.0 x 12	.32	.16	.14	.13
23PS282	8200	9.5 x 12	.34	.17	.16	.14
23PS310	10,000	10 x 12	.38	.19	.17	.16

XICON™ Passive Components RADIAL 5% POLYSTYRENE CAPACITORS

Comprised of polystyrene dielectric material fused to foil, these capacitors are highly resistant to humidity and provide excellent capacitance stability.

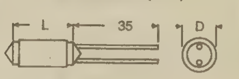
Features:
- Excellent electrical characteristics
- High reliability and stability
- Low temperature coefficients
- Small dissipation factor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	D x L (mm)	Price Each			
			1	100	500	1000
23PW156	560	5.5 x 12	.22	.11	.10	.09
23PW210	1000	6.0 x 12	.22	.11	.10	.09
23PW220	2000	6.0 x 12	.24	.12	.11	.10
23PW222	2200	6.5 x 12	.24	.12	.11	.10
23PW233	3300	7.0 x 12	.26	.13	.12	.11
23PW247	4700	8.0 x 12	.28	.14	.13	.12
23PW250	5000	8.0 x 12	.30	.15	.14	.12
23PW268	6800	9.0 x 12	.32	.16	.14	.13
23PW310	10,000	10 x 12	.38	.19	.17	.16

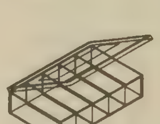
Specifications:
- ±5% tolerance
- Dissipation factor (@ 100kHz):
  DF < 0.1% C ≥ 330pF
  Q > 1000 C < 330pF
- Operating temp.: -40°C to +85°C
- Temp. coefficient: N150 ±ppm/°C
- Insulation resist. (@25°C): 100GΩ min.
- 50 WVDC

DIMENSIONS (mm)



XICON™ Passive Components 5% POLYSTYRENE CAPACITOR KITS

Features:
- 50 WVDC
- Axial leads
- 10 ea. of 12 values ea. kit ±5%



For quantities greater than listed, call for quote

MOUSER STOCK NO.	Pieces Per Kit	Description	Price Each
370-PS1	120	**10 ea.:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820 pF	24.95
370-PS2	120	**10 ea.:** 1000, 1200, 1500, 1800, 2000, 2200, 2700, 3300, 3900, 5000, 6800, 10,000pF	24.95

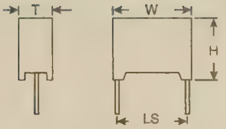
AVX BT SERIES METALIZED POLYESTER FILM

on inductive, self healing, metallized polyester film capacitor, insulated thermoplastic casing, epoxy resin sealed with stand-offs. Radial onnections. Flame retardant resin and case according to UL 94V.

pecifications:

- Operating temperature: -55°C to +100°C derated @ 1.25% per °C from +85°C to +100°C
- Insulation resistance: ≥30,000 MΩ for C≤.33µF and V_R >100VDC ≥10,000 MΩ for C≥.33µF and V_R ≥ 100VDC≥10,000 MΩ for V_R≥100VDC
- DF <1% at 1kHz @ 25°C

DIMENSIONS (IN.)



00 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each		
		W	T	H	LS	1	100	500
581-BT071K683	.068	.364	.128	.315	.295	.20	.17	.14
581-BT101K104	.1	.492	.157	.354	.394	.21	.18	.15
581-BT101K224	.22	.492	.157	.354	.394	.23	.20	.17
581-BT151K474	.47	.689	.197	.414	.591	.28	.24	.20
581-BT151K684	.68	.689	.197	.413	.591	.34	.28	.24
581-BT151K105	1.0	.689	.197	.413	.591	.36	.31	.26

50 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	W	T	H	LS	1	100	500
581-BT072K473	.047	.364	.128	.315	.295	.20	.17	.14
581-BT102K473	.047	.492	.157	.345	.394	.20	.17	.14
581-BT102K104	.1	.492	.157	.354	.394	.20	.17	.14

400 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)				Price Each		
		W	T	H	LS	1	100	500
581-BT074K223	.022	.398	.197	.394	.295	.21	.18	.15
581-BT104K223	.022	.492	.157	.345	.394	.21	.18	.15
581-BT104K473	.047	.492	.197	.394	.394	.21	.18	.15
581-BT154K104	.1	.689	.197	.531	.591	.25	.21	.18

630 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	W	T	H	LS	1	100	500
581-BT076K102	.001	.364	.128	.315	.295	.25	.21	.18
581-BT106K472	.0047	.492	.197	.394	.394	.22	.19	.16
581-BT106K103	.01	.492	.197	.394	.394	.22	.19	.16
581-BT156K333	.033	.689	.197	.413	.591	.29	.24	.21
581-BT226K104	.1	1.033	.295	.591	.886	.35	.30	.24

AVX BF SERIES MULTILAYER METALLIZED POLYESTER FILM

he industry standard upgrade for CK05 type ceramic capacitors

he AVX multilayer film capacitors are a fully automated line of metallized miniature polyester film capacitors, featuring a proprietary multilayer film construction. These apacitors are especially well suited for printed circuits, coupling and decoupling of logic integrated circuits, filtering, timing, bypass, or in space-limited applications.

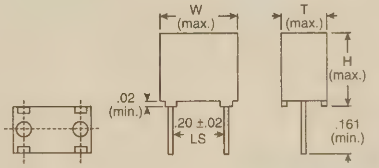
eatures:

- Space-saving multilayer film construction
- Superior electrical characteristics
- Recommended soldering conditions are: 260°C for 5 seconds

Specifications:

- Insulation resistance: > 10GΩ typical (4GΩ min.)
- Dissipation factor: < 0.8% @ 1kHz
- Operating Temperature: -55°C to 100°C derated @ 1.25% per °C from 85°C to 100°C

DIMENSIONS (IN.)



3 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		W	T	H	1	100	500	1000
581-3N3K63	.0033	.295	.098	.256	.26	.17	.16	.14
581-22NK63	.022	.295	.098	.256	.26	.17	.16	.14
581-100NK63	.1	.295	.098	.256	.28	.19	.18	.16
581-BF63V154K	.15	.295	.098	.256	.39	.26	.24	.22
581-150NK63	.15	.295	.126	.315	.39	.26	.24	.22
581-BF63V224K	.22	.295	.098	.256	.44	.29	.27	.24
581-330NK63	.33	.295	.126	.315	.53	.35	.32	.29
581-470NK63	.47	.295	.197	.315	.67	.45	.41	.37
581-1000NK63	1.0	.295	.197	.315	1.31	.87	.80	.73

63 Volt ±5% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	W	T	H	1	100	500	1000
581-1N0J63	.001	.295	.098	.256	.27	.18	.17	.15
581-10NJ63	.01	.295	.098	.256	.28	.19	.18	.16
581-100NJ63	.1	.295	.098	.256	.30	.21	.19	.17
581-330NJ63	.33	.295	.126	.315	.58	.39	.35	.32
581-470NJ63	.47	.295	.197	.315	.73	.49	.45	.41
581-1000NJ63	1.0	.295	.197	.315	1.40	.94	.86	.80

100 Volt ±10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)			Price Each			
		W	T	H	1	100	500	1000
581-1N0K100	.001	.295	.098	.256	.26	.17	.16	.14
581-2N2K100	.0022	.295	.098	.256	.26	.17	.16	.14
581-3N3K100	.0033	.295	.098	.256	.26	.17	.16	.14
581-4N7K100	.0047	.295	.098	.256	.26	.17	.16	.14
581-6N8K100	.0068	.295	.098	.256	.26	.17	.16	.14
581-10NK100	.01	.295	.098	.256	.26	.17	.16	.14
581-15NK100	.015	.295	.098	.256	.26	.17	.16	.14
581-22NK100	.022	.295	.098	.256	.26	.17	.16	.14
581-33NK100	.033	.295	.098	.256	.26	.17	.16	.14
581-47NK100	.047	.295	.098	.256	.26	.17	.16	.14
581-68NK100	.068	.295	.098	.256	.27	.18	.17	.15
581-100NK100	.1	.295	.098	.256	.28	.19	.18	.16

100 Volt ±5% Tolerance

For quantities greater than listed, call for quote.

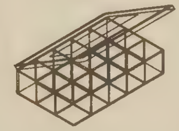
MOUSER STOCK NO.	Value (µF)	W	T	H	1	100	500	1000
581-100NJ100	.1	.295	.098	.256	.30	.21	.19	.17

etallized Polyester Film Capacitor Kit

ontains:

3V:
0 each of 1000pF, 20 each of .01µF, 20 each of .1µF, 20 each of .22µF,
0 each of .33µF, 10 each of .47µF, 10 each of 1.0µF
100V:
0 each of 4700pF, 20 each of .1µF, 5 each of .47µF

250V:
20 each of 4700pF, 20 each of .033µF, 10 each of .1µF
400V:
20 each of .01µF, 10 each of .047µF



581-BFKIT	39.95

MALLORY 158X SERIES - TYPE X2 SUPPRESSOR METALLIZED POLYESTER FILM

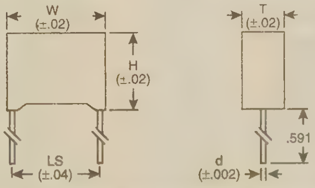
Features:

- UL 1414 and CSA Approved
- Flame retardant case meets UL 94V0
- Polyurethane end fill meets UL 94V0
- Used in applications where damage to the capacitor will not lead to the danger of electrical shock

Specifications;

- Operating temperature: -40°C to +100°C
- Voltage range: $250V_{RMS}$
- Tolerance: ±20%
- Lead material: tinned copper clad steel

DIMENSIONS (IN.)



Safety Agency	Standard	File Number
UL	UL-1414	E151554
UL	UL-1283	E151553
CSA	C22 2, No.8-M1986	LR37404-33M
VDE	VDE0565-1	18022-4670-1700
SEMKO	SS443-04-01	9308002
SEV	SEV1055	92.552158.01
EI	E384/14-82 (IEC384-14, 1981)	164090-01
DEMKO	Heavy Current Regulations Section 21 and IEC384-14	112398EC/121
NEMKO	NEMKO132/85	M70107

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (µF)	Dimensions (In.)					Price Each			
		W	T	H	LS	d	1	100	500	1000
539-158X103	0.01	0.669	0.197	0.473	0.591	0.024	.55	.50	.48	.35
539-158X223	0.022	0.669	0.197	0.472	0.591	0.024	.55	.50	.48	.35
539-158X333	0.033	0.669	0.197	0.472	0.591	0.024	.55	.50	.48	.43
539-158X473	0.047	0.669	0.217	0.492	0.591	0.031	.59	.53	.51	.37
539-158X104	0.1	0.669	0.315	0.591	0.591	0.031	.61	.56	.53	.39
539-158X224	0.22	0.984	0.315	0.689	0.886	0.031	1.01	.91	.87	.64
539-158X334	0.33	0.984	0.394	0.768	0.886	0.031	1.28	1.17	1.11	.89
539-158X474	0.47	1.181	0.433	0.866	1.083	0.031	1.51	1.37	1.30	.96
539-158X684	0.68	1.181	0.531	0.965	1.083	0.031	2.28	2.08	1.97	1.54
539-158X105	1.0	1.201	0.630	1.102	1.083	0.039	2.37	2.16	2.05	1.51
539-158X225	2.2	1.614	0.689	1.280	1.476	0.039	5.52	5.02	4.77	3.92

Polyester Film Capacitors

MINIATURE METALLIZED POLYESTER CAPACITORS

Type DME radial-leaded, mini-dipped capacitors deliver the performance of other capacitors which have cases that are twice as big. Improvements in film technology permit the use of thinner dielectric and make DME the choice for all higher current AC applications where the larger size may be an advantage. DME self heals shorts caused by overvoltage transients. For small size and low cost, DME is tops.

Specifications:

- Voltage range: 100-630VDC (65-250VAC)
- Capacitance range: .01-10µF
- Capacitance tolerance: ± 10%
- Operating temperature range: -55°C to 125°C full-rated voltage @ 85°C - Derate linearly to 50% - rated voltage @ 125°C
- Dielectric strength: 150%
- Dissipation Factor: 1% max.
- Insulation resistance: 3,000MΩ x µF 9,000MΩ min.
- Life test: 1,000 hours at 85°C @ 125% rated voltage

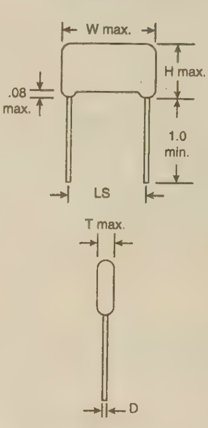
Features:

- Significant size reduction and performance characteristics comparable to other film capacitors that are in larger case sizes
- DME self heals shorts caused by overvoltage transients
- Small size/low cost

Cross Reference	
Cornell Dubilier	Panasonic
DME Series	ECQE-----F

Pulse Capability					
Rated Volts	Body Length				
	.408	.472	.728	1.024	1.220
	dV/dt-volts per microsecond, maximum				
100	25	16	10	6	- - -
250	31	20	12	7	6
400	46	30	17	11	9
630	101	66	33	19	15
1000	- - -	93	104	70	- - -

DIMENSIONS (In.)



100 VDC (65 VAC)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfg. Type	Value (µF)	Dimensions (In.)					Price Each		
			W	H	T	D	LS	1	10	100
5989-100V.56	DME1P56K	.56	.472	.429	.217	.024	.394	.43	.34	.30
5989-100V.68	DME1P68K	.68	.472	.469	.236	.024	.394	.45	.36	.32
5989-100V.82	DME1P82K	.82	.472	.531	.236	.024	.394	.45	.36	.32
5989-100V1.0	DME1W1K	1.0	.472	.551	.264	.024	.394	.52	.42	.36
5989-100V1.2	DME1W1P2K	1.2	.728	.504	.217	.024	.591	.60	.48	.42
5989-100V1.5	DME1W1P5K	1.5	.728	.528	.236	.032	.591	.69	.55	.48
5989-100V1.8	DME1W1P8K	1.8	.728	.567	.278	.032	.591	.77	.62	.54
5989-100V2.2	DME1W2P2K	2.2	.728	.591	.276	.032	.591	.85	.68	.59
5989-100V2.7	DME1W2P7K	2.7	.728	.622	.315	.032	.591	.98	.78	.69
5989-100V3.3	DME1W3P3K	3.3	.728	.65	.335	.032	.591	1.26	1.01	.88
5989-100V3.9	DME1W3P9K	3.9	1.024	.646	.276	.032	.886	1.43	1.15	1.00
5989-100V4.7	DME1W4P7K	4.7	1.024	.669	.295	.032	.886	1.62	1.29	1.13
5989-100V5.6	DME1W5P6K	5.6	1.024	.689	.327	.032	.886	1.92	1.54	1.34
5989-100V6.8	DME1W6P8K	6.8	1.024	.728	.354	.032	.886	2.17	1.74	1.52
5989-100V8.2	DME1W8P2K	8.2	1.024	.787	.394	.032	.886	2.80	2.57	2.11
5989-100V10	DME1W10K	10.0	1.024	.827	.453	.032	.886	2.92	2.33	2.04

250 VDC (160 VAC)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfg. Type	Value (µF)	Dimensions (In.)					Price Each		
			W	H	T	D	LS	1	10	100
5989-250V.01	DME2S1K	.01	.406	.291	.169	.024	.295	.22	.18	.15
5989-250V.012	DME2S12K	.012	.406	.295	.173	.024	.295	.22	.18	.15
5989-250V.015	DME2S15K	.015	.406	.295	.173	.024	.295	.22	.18	.15
5989-250V.018	DME2S18K	.018	.406	.295	.173	.024	.295	.22	.18	.15
5989-250V.022	DME2S22K	.022	.406	.295	.173	.024	.295	.22	.18	.15
5989-250V.027	DME2S27K	.027	.406	.295	.173	.024	.295	.22	.18	.15
5989-250V.033	DME2S33K	.033	.406	.295	.177	.024	.295	.22	.18	.15
5989-250V.039	DME2S39K	.039	.406	.295	.177	.024	.295	.22	.18	.15
5989-250V.047	DME2S47K	.047	.406	.295	.177	.024	.295	.22	.18	.15
5989-250V.056	DME2S56K	.056	.406	.311	.189	.024	.295	.23	.19	.16
5989-250V.068	DME2S68K	.068	.406	.295	.177	.024	.295	.24	.20	.17
5989-250V.082	DME2S82K	.082	.406	.315	.193	.024	.295	.25	.21	.18
5989-250V.1	DME2P1K	.1	.406	.331	.228	.024	.295	.26	.22	.19
5989-250V.12	DME2P12K	.12	.406	.354	.236	.024	.295	.29	.23	.20
5989-250V.15	DME2P15K	.15	.406	.425	.236	.024	.295	.30	.24	.21
5989-250V.18	DME2P18K	.18	.472	.406	.197	.024	.394	.30	.24	.21
5989-250V.22	DME2P22K	.22	.472	.413	.217	.024	.394	.31	.25	.22
5989-250V.27	DME2P27K	.27	.472	.453	.236	.024	.394	.32	.26	.23
5989-250V.33	DME2P33K	.33	.472	.472	.278	.024	.394	.35	.28	.25
5989-250V.39	DME2P39K	.39	.728	.472	.193	.024	.591	.38	.30	.27
5989-250V.47	DME2P47K	.47	.728	.492	.209	.024	.591	.42	.33	.29
5989-250V.56	DME2P56K	.56	.728	.512	.217	.024	.591	.45	.36	.32
5989-250V.68	DME2P68K	.68	.728	.531	.236	.032	.591	.50	.40	.35
5989-250V.82	DME2P82K	.82	.728	.571	.278	.032	.591	.55	.44	.38
5989-250V1.0	DME2W1K	1.0	.728	.591	.291	.032	.591	.59	.47	.41
5989-250V1.2	DME2W1P2K	1.2	.728	.626	.315	.032	.591	.66	.52	.46
5989-250V1.5	DME2W1P5K	1.5	.728	.661	.354	.032	.591	.81	.64	.56
5989-250V1.8	DME2W1P8K	1.8	1.024	.61	.295	.032	.886	.81	.64	.56
5989-250V2.2	DME2W2P2K	2.2	1.024	.642	.335	.032	.886	.99	.79	.69
5989-250V2.7	DME2W2P7K	2.7	1.024	.669	.37	.032	.886	1.11	.89	.78
5989-250V3.3	DME2W3P3K	3.3	1.024	.709	.406	.032	.886	1.36	1.08	.95
5989-250V3.9	DME2W3P9K	3.9	1.024	.807	.433	.032	.886	2.19	1.75	1.53
5989-250V4.7	DME2W4P7K	4.7	1.024	.846	.472	.032	.886	2.43	1.95	1.70
5989-250V5.6	DME2W5P6K	5.6	1.22	.827	.465	.032	1.083	3.07	2.46	1.51
5989-250V6.8	DME2W6P8K	6.8	1.22	.882	.512	.032	1.083	3.35	2.68	2.34
5989-250V8.2	DME2W8P2K	8.2	1.22	.925	.563	.032	1.083	3.98	3.19	2.79
5989-250V10.0	DME2W10K	10.0	1.22	1.016	.626	.032	1.083	4.62	3.70	3.24

400 VDC (200 VAC)

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Mfg. Type	Value (µF)	Dimensions (In.)					Price Each		
			W	H	T	D	LS	1	10	1
5989-400V.01	DME4S1K	.01	.406	.291	.169	.024	.295	.29	.23	[illegible]
5989-400V.012	DME4S12K	.012	.406	.295	.173	.024	.295	.29	.23	[illegible]
5989-400V.015	DME4S15K	.015	.406	.295	.173	.024	.295	.29	.23	[illegible]
5989-400V.018	DME4S18K	.018	.406	.295	.173	.024	.295	.29	.23	[illegible]
5989-400V.027	DME4S27K	.027	.406	.315	.217	.024	.295	.32	.25	[illegible]
5989-400V.033	DME4S33K	.033	.406	.354	.236	.024	.295	.34	.27	[illegible]
5989-400V.047	DME4S47K	.047	.472	.327	.197	.024	.394	.35	.28	.2
5989-400V.068	DME4S68K	.068	.472	.413	.213	.024	.394	.36	.29	.2
5989-400V.1	DME4P1K	.1	.472	.472	.248	.024	.394	.38	.30	.2
5989-400V.12	DME4P12K	.12	.728	.394	.197	.024	.591	.38	.30	.2
5989-400V.18	DME4P18K	.18	.728	.492	.213	.024	.591	.51	.41	.3
5989-400V.22	DME4P22K	.22	.728	.512	.232	.024	.591	.53	.43	.3
5989-400V.27	DME4P27K	.27	.728	.563	.278	.032	.591	.54	.44	.3
5989-400V.33	DME4P33K	.33	.728	.587	.276	.032	.591	.59	.47	.4
5989-400V.39	DME4P39K	.39	.728	.606	.295	.032	.591	.64	.51	.4
5989-400V.47	DME4P47K	.47	.728	.669	.307	.032	.591	.68	.55	.4
5989-400V.56	DME4P56K	.56	1.024	.63	.278	.032	.886	.75	.60	.5
5989-400V.68	DME4P68K	.68	1.024	.65	.276	.032	.886	.84	.67	.5
5989-400V.82	DME4P82K	.82	1.024	.681	.311	.032	.886	.91	.73	.6
5989-400V1.0	DME4W1K	1.0	1.024	.709	.335	.032	.886	1.00	.80	.7
5989-400V1.2	DME4W1P2K	1.2	1.024	.744	.374	.032	.886	1.40	1.12	.9
5989-400V1.5	DME4W1P5K	1.5	1.22	.748	.374	.032	1.083	1.52	1.22	1.0
5989-400V1.8	DME4W1P8K	1.8	1.22	.807	.433	.032	1.083	1.81	1.45	1.2
5989-400V2.2	DME4W2P2K	2.2	1.22	.866	.433	.032	1.083	2.05	1.64	1.3

630 VDC (250 VAC)

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Mfg. Type	Value (µF)	Dimensions (In.)					Price Each		
			W	H	T	D	LS	1	10	100
5989-630V.01	DME6S1K	.01	.472	.295	.177	.024	.394	.27	.21	.19
5989-630V.012	DME6S12K	.012	.472	.307	.177	.024	.394	.28	.22	.20
5989-630V.015	DME6S15K	.015	.472	.323	.197	.024	.394	.29	.23	.21
5989-630V.018	DME6S18K	.018	.472	.394	.193	.024	.394	.29	.23	.21
5989-630V.022	DME6S22K	.022	.472	.413	.209	.024	.394	.31	.25	.22
5989-630V.027	DME6S27K	.027	.472	.429	.217	.024	.394	.31	.25	.22
5989-630V.033	DME6S33K	.033	.472	.469	.236	.024	.394	.33	.26	.23
5989-630V.039	DME6S39K	.039	.472	.528	.236	.024	.394	.33	.26	.23
5989-630V.047	DME6S47K	.047	.472	.531	.278	.024	.394	.35	.28	.25
5989-630V.056	DME6S56K	.056	.728	.413	.213	.024	.591	.37	.30	.26
5989-630V.068	DME6S68K	.068	.728	.433	.228	.024	.591	.40	.32	.28
5989-630V.082	DME6S82K	.082	.728	.472	.278	.024	.591	.43	.34	.30
5989-630V0.1	DME6P1K	.1	.728	.551	.248	.024	.591	.46	.37	.32
5989-630V.12	DME6P12K	.12	.728	.571	.248	.032	.591	.50	.40	.35
5989-630V.15	DME6P15K	.15	.728	.606	.295	.032	.591	.56	.45	.39
5989-630V.22	DME6P22K	.22	.728	.65	.354	.032	.591	.65	.52	.46
5989-630V.27	DME6P27K	.27	1.024	.65	.276	.032	.886	.75	.60	.52
5989-630V.33	DME6P33K	.33	1.024	.669	.307	.032	.886	.84	.67	.59
5989-630V.47	DME6P47K	.47	1.024	.728	.366	.032	.886	.98	.78	.69
5989-630V.56	DME6P56K	.56	1.024	.787	.394	.032	.886	1.16	.92	.81
5989-630V.68	DME6P68K	.68	1.024	.827	.453	.032	.886	1.51	1.20	1.05
5989-630V.82	DME6P82K	.82	1.22	.807	.445	.032	1.083	1.64	1.31	1.15
5989-630V1.0	DME6W1K	1.0	1.22	.862	.492	.032	1.083	1.99	1.59	1.39
5989-630V1.2	DME6W1P2K	1.2	1.22	.906	.531	.032	1.083	2.10	1.68	1.47
5989-630V1.5	DME6W1P5K	1.5	1.22	.972	.602	.032	1.083	2.55	2.04	1.79
5989-630V1.8	DME6W1P8K	1.8	1.22	1.063	.661	.032	1.083	2.87	2.30	2.11
5989-630V2.2	DME6W2P2K	2.2	1.22	1.142	.768	.032	1.083	3.35	2.68	2.34

1000 VDC (250 VAC)

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Mfg. Type	Value (µF)	Dimensions (In.)					Price Each		
			W	H	T	D	LS	1	10	100
5989-1KV.01	DME10S1K	.01	.610	.433	.236	.024	.492	.35	.32	.26
5989-1KV.012	DME10S12K	.012	.610	.472	.236	.024	.492	.36	.33	.27
5989-1KV.015	DME10S15K	.015	.610	.492	.276	.024	.492	.38	.35	.29
5989-1KV.018	DME10S18K	.018	.610	.512	.295	.032	.492	.35	.32	.26
5989-1KV.022	DME10S22K	.022	.610	.610	.295	.032	.492	.37	.36	.30
5989-1KV.027	DME10S27K	.027	.827	.512	.236	.032	.689	.37	.36	.30
5989-1KV.033	DME10S33K	.033	.827	.551	.278	.032	.689	.38	.35	.29
5989-1KV.039	DME10S39K	.039	.827	.571	.276	.032	.689	.40	.39	.32
5989-1KV.047	DME10S47K	.047	.827	.610	.295	.032	.689	.43	.41	.33
5989-1KV.056	DME10S56K	.056	.827	.669	.295	.032	.689	.46	.42	.34
5989-1KV.068	DME10S68K	.068	.827	.709	.335	.032	.689	.49	.45	.37
5989-1KV.082	DME10S82K	.082	.827	.728	.354	.032	.689	.54	.49	.40
5989-1KV0.1	DME10S0.1K	0.1	.827	.787	.394	.032	.689	.54	.49	.40
5989-1KV0.12	DME10S0.12K	0.12	1.024	.728	.354	.032	.886	.61	.56	.46
5989-1KV0.18	DME10S0.18K	0.18	1.024	.866	.413	.032	.886	.75	.69	.56
5989-1KV0.22	DME10S0.22K	0.22	1.024	.906	.472	.032	.886	.88	.81	.66

CDE CORNELL DUBILIER Metallized Polypropylene Capacitors

TYPE FCP SURFACE MOUNT FILM CHIP CAPACITORS

pecifications:

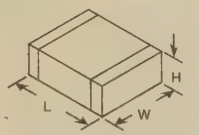
- Temperature range: -55°C to +125°C
- Capacitance tolerance: ±5%
- Rated voltage: 50VDC (16VDC also available)
- Dissipation factor: 0.6% max.

onstruction:

- Stacked metallized polyphenlene sulfide film

eatures:

- Excellent high frequency performance
- No cracking or buzzing
- Applications: timing and filtering circuits; signal coupling/decoupling, power supply decoupling for wireless communications, graphic boards, personal digital devices, digital signal logic

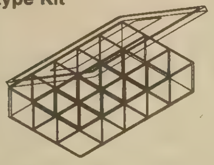


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value	Case Dimensions (In.)			Price Each		
		L	W	H	1	100	500
0805 Case Size							
598-FCP50V101	100pF	.079	.049	.031	.28	.24	.21
598-FCP50V221	220pF	.079	.049	.031	.28	.24	.21
598-FCP50V331	330pF	.079	.049	.031	.28	.24	.21
598-FCP50V471	470pF	.079	.049	.031	.28	.24	.21
598-FCP50V681	680pF	.079	.049	.031	.28	.24	.21
598-FCP50V102	1000pF	.079	.049	.031	.28	.24	.21
598-FCP50V222	2200pF	.079	.049	.031	.28	.24	.21
1206 Case Size							
598-FCP50V332	3300pF	.126	.063	.031	.33	.28	.25
598-FCP50V472	4700pF	.126	.063	.031	.29	.26	.23
598-FCP50V682	6800pF	.126	.063	.031	.37	.31	.28
598-FCP50V103	.01µF	.126	.063	.039	.39	.29	.26
1210 Case Size							
598-FCP50V153	.015µF	.126	.098	.039	.41	.34	.27
598-FCP50V273	.027µF	.126	.098	.055	.46	.38	.34
598-FCP50V333	.033µF	.126	.098	.079	.48	.40	.36
1913 Case Size							
598-FCP50V473	.047µF	.189	.13	.055	.52	.44	.39
598-FCP50V683	.068µF	.189	.13	.055	.59	.49	.44
598-FCP50V104	.1µF	.189	.13	.079	.68	.57	.51

ngineering and Prototype Kit

ontains 12 each of
he 17 values listed
bove. Total 204
ieces.



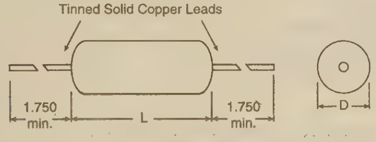
MOUSER STOCK NO.	Price Each
598-FCP-KIT1	72.00

METALLIZED POLYPROPYLENE 935 SERIES

Designed for 20 - 100K Hz switching power supply input filtering, DC blocking and output filter applications where high current, high capacitance, and low ESR values are important. Dry sections are sealed with flame-retardant outer wrap and epoxy end seals for moisture resistance. This non-protected film capacitor has Underwriters Laboratories, Inc., recognition for construction only. U.L. File Number assigned is E128034(N)

Specifications

- Tolerance: ±10%
- Temperature range: -55°C to 105°C
- Voltage range: 100, 200, and 400VDC
- Maximum DF (1K Hz, +25°C): 0.1%
- Capacitance range: 1-30µF
- Dielectric strength: 200%
- Insulation resistance: 200,000MΩ x µF
- Life test: 1,000 hrs. at 85°C @ 150% rated voltage



DIMENSIONS (IN.)

100 Volt (70 VAC)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type 935	Value (µF)	Dimensions (In.) Max.			Price Each			
			D	Tol. ±	L	1	25	50	100
5984-100V1	C1W1K	1	0.469	.062	0.750	8.39	6.99	5.60	4.20
5984-100V2	C1W2K	2	0.534	.062	0.938	8.85	7.37	5.90	4.43
5984-100V5	C1W5K	5	0.640	.093	1.250	9.87	8.23	6.58	4.94
5984-100V10	C1W10K	10	0.805	.093	1.500	21.38	17.82	14.25	10.69
5984-100V20	C1W20K	20	0.875	.125	2.250	22.97	19.14	15.32	11.49

200 Volt (140 VAC)

For quantities greater than listed, call for quote.

5984-200V1	C2W1K	1	0.450	.062	1.250	6.14	5.12	4.10	3.07
5984-200V2	C2W2K	2	0.605	.093	1.250	7.57	6.31	5.05	3.79
5984-200V3	C2W3K	3	0.654	.093	1.500	8.28	6.90	5.52	4.14
5984-200V5	C2W5K	5	0.769	.093	1.750	9.66	8.05	6.44	4.83
5984-200V10	C2W10K	10	0.905	.125	2.250	15.08	12.57	10.05	7.54

400 Volt (275 VAC)

For quantities greater than listed, call for quote.

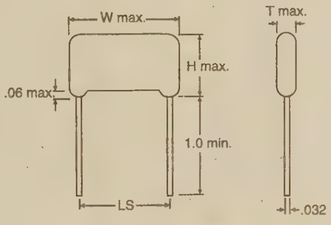
5984-400V1	C4W1K	1	0.620	.093	1.500	8.50	7.09	5.67	4.25
5984-400V2	C4W2K	2	0.802	.093	1.750	9.60	8.00	6.40	4.80
5984-400V3	C4W3K	3	0.961	.125	1.750	12.34	10.28	8.23	6.17
5984-400V5	C4W5K	5	1.067	.125	2.250	15.08	12.57	10.05	7.54
5984-400V10	C4W10K	10	1.543	.125	2.250	19.74	16.45	13.16	9.87

ETALLIZED POLYPROPYLENE RADIAL SNUBBERS

ype DPPM radial-leaded, metallized polypropylene capacitors utilize series wound extended foil with floating etallized common foil construction. Type DPPM offers excellent high frequency and high current capabilities nd self-healing characteristics. With low inductance and high dV/dt characteristics, DPPM is ideal for snubber pplications.

pecifications:

- Voltage range: 1000-2000VDC (450-500VAC)
- Capacitance range: .001-.047µF
- Capacitance tolerance: ±10%
- Operating temperature range: -40˚C to 105˚C full-rated voltage @ 85°C - derate linearly to 50% - rated voltage @ 105°C
- Dielectric strength: 175%
- Dissipation Factor: .10% max.
- Insulation resistance: 400,000MΩ min.
- Life test: 500 hours at 85˚C @ 150% rated voltage



DIMENSIONS (IN.)

000 VDC (450 VAC)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfg. Type DPPM	Value (µF)	Dimensions (In.)				Price Each			
			W	H	T	LS	1	10	100	1000
5989-1KV.001	10D1K	.001	.984	.452	.256	.826	.83	.71	.59	.356
5989-1KV.0022	10D22K	.0022	.984	.452	.256	.826	.83	.71	.59	.356
5989-1KV.0047	10D47K	.0047	.984	.531	.295	.826	.88	.76	.63	.378
5989-1KV.0068	10D68K	.0068	.984	.570	.334	.826	.91	.78	.65	.389
5989-1KV.01-1	10S1K	.01	.984	.649	.374	.826	.93	.80	.66	.398
5989-1KV.015-1	10S15K	.015	1.220	.669	.374	1.043	.98	.84	.70	.420
5989-1KV.022-1	10S22K	.022	1.220	.728	.433	1.043	1.44	1.23	1.03	.615
5989-1KV.033-1	10S33K	.033	1.220	.807	.511	1.043	1.72	1.47	1.23	.735

1200 VDC (475 VAC)

For quantities greater than listed, call for quote.

5989-1.2KV.001	12D1K	.001	.984	.452	.256	.826	.87	.75	.62	.372
5989-1.2KV.0015	12D15K	.0015	.984	.452	.256	.826	.87	.75	.62	.372
5989-1.2KV.0022	12D22K	.0022	.984	.492	.275	.826	.87	.75	.62	.372
5989-1.2KV.0033	12D33K	.0033	.984	.511	.295	.826	.95	.82	.68	.408
5989-1.2KV.0047	12D47K	.0047	.984	.551	.314	.826	.95	.82	.68	.408
5989-1.2KV.0068	12D68K	.0068	1.220	.590	.314	1.043	.99	.85	.71	.423
5989-1.2KV.01	12S1K	.01	1.220	.629	.354	1.043	1.07	.92	.77	.459
5989-1.2KV.015	12S15K	.015	1.220	.708	.413	1.043	1.41	1.21	1.01	.606
5989-1.2KV.022	12S22K	.022	1.220	.787	.472	1.043	1.68	1.44	1.20	.719
5989-1.2KV.033	12S33K	.033	1.220	.866	.551	1.043	2.11	1.81	1.51	.905

1600 VDC (500 VAC)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfg. Type DPPM	Value (µF)	Dimensions (In.)				Price Each			
			W	H	T	LS	1	10	100	1000
5989-1.6KV.001	16D1K	.001	.984	.452	.256	.826	.89	.77	.64	.383
5989-1.6KV.0015	16D15K	.0015	.984	.492	.275	.826	.89	.77	.64	.383
5989-1.6KV.0022	16D22K	.0022	.984	.590	.314	.826	.89	.77	.64	.383
5989-1.6KV.0033	16D33K	.0033	.984	.649	.374	.826	1.00	.86	.71	.428
5989-1.6KV.0047	16D47K	.0047	.984	.748	.413	.826	1.11	.95	.79	.474
5989-1.6KV.0068	16D68K	.0068	1.220	.748	.413	1.043	1.27	1.09	.91	.546
5989-1.6KV.01	16S1K	.01	1.220	.866	.472	1.043	1.35	1.16	.97	.579
5989-1.6KV.015	16S15K	.015	1.220	.964	.590	1.043	1.72	1.47	1.23	.737
5989-1.6KV.022	16S22K	.022	1.220	1.082	.708	1.043	2.10	1.80	1.50	.899

2000 VDC (500 VAC)

For quantities greater than listed, call for quote.

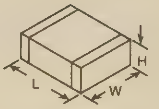
MOUSER STOCK NO.	Mfg. Type DPPM	Value (µF)	Dimensions (In.)				Price Each			
			W	H	T	LS	1	10	100	1000
5989-2KV.001	20D1K	.001	.984	.492	.275	.826	.96	.82	.69	.411
5989-2KV.0015	20D15K	.0015	.984	.551	.314	.826	.96	.82	.69	.411
5989-2KV.0022	20D22K	.0022	.984	.629	.354	.826	.96	.82	.69	.411
5989-2KV.0033	20D33K	.0033	.984	.688	.413	.826	1.14	.98	.82	.489
5989-2KV.0047	20D47K	.0047	1.220	.748	.393	1.043	1.26	1.08	.90	.539
5989-2KV.0068	20D68K	.0068	1.220	.807	.472	1.043	1.42	1.22	1.02	.609
5989-2KV.01	20S1K	.01	1.220	.866	.551	1.043	1.64	1.40	1.17	.702
5989-2KV.015	20S15K	.015	1.220	.964	.629	1.043	2.07	1.77	1.48	.885

MC Surface Mount Chip and Dipped Mica Capacitors

TYPE MC MICA SURFACE MOUNT CHIP CAPACITORS

Specifications:

- Temperature range: -55°C to +125°C
- Q factor: 1pF-80pF = 500 to 3000 min.
  >80pF = 3000 min.
- Insulation resistance: 100GΩ min.



Features:

- Low impedance to beyond 1GHz
- Near-zero capacitance change in all environments
- Withstands 200% rated voltage
- Applications: CATV, flight radio, precision timing, RF and microwave, resonators, and stripline termination

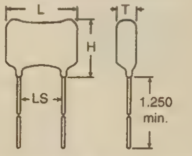
MOUSER STOCK NO.	Mfr's Type MC	WVDC	Value (pF)	Tol.	Temp. Coeff. ppm/°C	Case Size (In.) L	W	H	Price Each 1	100	500
5982-08-100V1.0	08CA010D	100	1	±.5pf	100	.079	.049	.05	1.31	.76	.6
5982-08-100V5.0	08CA050D	100	5	±.5pf	100	.079	.049	.05	1.31	.76	.6
5982-08-100V10	08CA100D	100	10	±.5pf	100	.079	.049	.05	.97	.56	.5
5982-08-100V15	08CA150J	100	15	±5%	50	.079	.049	.05	1.31	.76	.6
5982-12-100V100	12FA101J	100	100	±5%	25	.126	.098	.059	1.62	.94	.8
5982-12-100V220	12FA221J	100	220	±5%	25	.126	.098	.059	1.80	1.04	.9
5982-12-500V2.0	12CD020D	500	2	±.5pf	100	.126	.098	.059	1.62	.94	.8
5982-12-500V5.0	12CD050D	500	5	±.5pf	100	.126	.098	.059	1.62	.94	.8
5982-12-500V7.0	12CD070D	500	7	±.5pf	100	.126	.098	.059	1.62	.94	.8
5982-12-500V10	12CD100D	500	10	±.5pf	100	.126	.098	.059	1.62	.94	.8
5982-12-500V47	12FD470J	500	47	±5%	25	.126	.098	.059	1.20	.69	.6
5982-18-500V100	18FD101J	500	100	±5%	25	.177	.126	.079	1.45	.84	.7
5982-18-500V220	18FD221J	500	220	±5%	25	.177	.126	.079	1.62	.94	.8
5982-18-500V330	18FD331J	500	330	±5%	25	.177	.126	.079	2.54	1.47	1.34
5982-18-500V470	18FD471J	500	470	±5%	25	.177	.126	.079	2.00	1.16	1.05
5982-22-500V1000	22FD102J	500	1000	±5%	25	.224	.197	.079	2.74	1.58	1.44

DIPPED SILVER-MICA CAPACITORS

Exclusive CDE dipping process to impart high moisture and humidity resistance. Conforms to EIA specifications.

- Tolerance: D=.5pF, J=5%
- Temperature range: -55°C to +125°C
- Voltage range: 100, 300, 500, and 1000WVDC
- Vibration test: 10-2000Hz

DIMENSIONS (IN.)



Lead Spacing (In.)							
CD5	CD10	CD15	CD19	CD30	CDV16	CDV19	CDV30
.120	.141	.234	.344	.438	.234	.344	.438

Dipped Mica Dielectric Capacitors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr's Type	WVDC	Value (pF)	Dimensions (In.) Max. L	H	T	Price Each 1	25	100
Manufacturers Type CD5 Series									
5982-5-300V1	CC010D03	300	1	.270	.190	.110	.95	.63	.52
5982-5-300V2	CC020D03	300	2	.270	.190	.110	.95	.63	.52
5982-5-300V3	CC030D03	300	3	.270	.190	.110	.95	.63	.52
5982-5-300V5	CC050D03	300	5	.270	.190	.110	.95	.63	.52
5982-5-300V10	CC100D03	300	10	.270	.190	.110	.68	.45	.37
5982-5-300V15	CC150J03	300	15	.270	.190	.120	.71	.47	.39
5982-5-300V20	EC200J03	300	20	.270	.200	.120	.71	.47	.39
5982-5-300V30	EC300J03	300	30	.270	.200	.130	.80	.54	.44
5982-5-300V33	EC330J03	300	33	.270	.200	.130	.83	.55	.46
5982-5-300V47	EC470J03	300	47	.270	.210	.140	.93	.62	.51
5982-5-300V100	FC101J03	300	100	.270	.240	.180	1.38	.92	.76
5982-5-100V150	FA151J03	100	150	.270	.230	.170	1.54	1.03	.85
Manufacturers Type CD10 Series									
5982-10-500V5	CD050C03	500	5	.360	.330	.190	.88	.62	.50
5982-10-500V10	CD100D03	500	10	.360	.330	.190	.88	.62	.50
5982-10-500V12	CD120J03	500	12	.360	.330	.190	.88	.62	.50
5982-10-500V15	CD150J03	500	15	.360	.330	.190	.88	.62	.50
5982-10-500V18	CD180J03	500	18	.360	.330	.190	.88	.62	.50
5982-10-500V22	ED220J03	500	22	.360	.330	.190	.66	.46	.38
5982-10-500V24	ED240J03	500	24	.360	.330	.190	.66	.46	.38
5982-10-500V27	ED270J03	500	27	.370	.330	.190	.66	.46	.38
5982-10-500V30	ED300J03	500	30	.370	.340	.190	.66	.46	.38
5982-10-500V33	ED330J03	500	33	.370	.340	.190	.66	.46	.38
5982-10-500V39	ED390J03	500	39	.370	.340	.190	.75	.53	.43
5982-10-500V47	ED470J03	500	47	.370	.340	.190	.78	.55	.45
5982-10-500V56	ED560J03	500	56	.370	.340	.190	.78	.55	.45
5982-10-500V100	FD101J03	500	100	.370	.350	.200	.82	.57	.47
5982-10-500V150	FD151J03	500	150	.380	.360	.210	.83	.58	.48
5982-10-500V220	FD221J03	500	220	.390	.380	.220	1.15	.80	.66
5982-10-500V300	D105F301J03	500	300	.390	.380	.220	1.26	.88	.72
5982-10-500V330	D105F331J03	500	330	.390	.380	.220	1.24	.87	.71
Manufacturers Type CD15 Series									
5982-15-500V3	CD030D03	500	3	.450	.360	.170	.58	.41	.33
5982-15-500V5	CD050D03	500	5	.450	.360	.170	.58	.41	.33
5982-15-500V10	CD100D03	500	10	.450	.360	.170	.58	.41	.33
5982-15-500V15	CD150J03	500	15	.450	.360	.170	.56	.39	.32
5982-15-500V20	ED200J03	500	20	.450	.360	.170	.56	.39	.32
5982-15-500V22	ED220J03	500	22	.450	.360	.170	.58	.41	.33
5982-15-500V27	ED270J03	500	27	.450	.360	.170	.58	.41	.33
5982-15-500V30	ED300J03	500	30	.450	.360	.170	.58	.41	.33
5982-15-500V33	ED330J03	500	33	.450	.360	.170	.58	.41	.33
5982-15-500V47	ED470J03	500	47	.450	.360	.170	.57	.40	.33
5982-15-500V50	ED500J03	500	50	.450	.360	.170	.57	.40	.33
5982-15-500V56	ED560J03	500	56	.450	.360	.170	.57	.40	.33
5982-15-500V68	ED680J03	500	68	.450	.360	.180	.59	.41	.33
5982-15-500V75	ED750J03	500	75	.450	.360	.180	.59	.41	.34
5982-15-500V82	ED820J03	500	82	.450	.360	.180	.59	.41	.34

Dipped Mica Dielectric Capacitors (cont.)

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Mfr's Type	WVDC	Value (pF)	Dimensions (In.) Max. L	H	T	Price Each 1	25	100
Manufacturers Type CD15 Series (cont.)									
5982-15-500V100	FD101J03	500	100	.460	.360	.180	.59	.41	.34
5982-15-500V120	FD121J03	500	120	.460	.370	.180	.65	.46	.37
5982-15-500V150	FD151J03	500	150	.460	.370	.190	.68	.48	.39
5982-15-500V180	FD181J03	500	180	.460	.370	.190	.78	.55	.45
5982-15-500V200	FD201J03	500	200	.460	.380	.190	.78	.55	.45
5982-15-500V220	FD221J03	500	220	.460	.380	.200	.82	.57	.47
5982-15-500V250	FD251J03	500	250	.470	.390	.210	.88	.61	.50
5982-15-500V270	FD271J03	500	270	.470	.390	.210	.95	.67	.54
5982-15-500V330	FD331J03	500	330	.470	.390	.210	1.11	.78	.63
5982-15-500V360	FD361J03	500	360	.470	.390	.210	1.21	.85	.69
5982-15-500V390	FD391J03	500	390	.470	.390	.210	1.21	.85	.69
5982-15-500V430	FD431J03	500	430	.470	.390	.210	1.34	.94	.76
5982-15-500V470	FD471J03	500	470	.470	.400	.220	1.41	.98	.80
5982-15-500V500	FD501J03	500	500	.470	.400	.220	1.43	1.00	.82
5982-15-500V510	FD511J03	500	510	.460	.400	.220	1.49	1.04	.85
5982-15-500V560	FC561J03	300	560	.460	.380	.210	1.49	1.04	.85
5982-15-300V620	FC621J03	300	620	.470	.380	.210	1.61	1.12	.92
5982-15-300V680	FC681J03	300	680	.470	.390	.210	1.81	1.27	1.03
5982-15-300V820	FC821J03	300	820	.470	.390	.210	2.07	1.45	1.18
5982-15-100V1000	FA102J03	100	1000	.480	.400	.230	1.96	1.37	1.12
Manufacturers Type CD19 Series									
5982-19-500V270	FD271J03	500	270	.640	.500	.190	.93	.62	.51
5982-19-500V330	FD331J03	500	330	.640	.500	.190	.96	.64	.53
5982-19-500V390	FD391J03	500	390	.640	.510	.200	.99	.66	.55
5982-19-500V470	FD471J03	500	470	.640	.510	.200	1.01	.67	.56
5982-19-500V500	FD501J03	500	500	.650	.510	.200	1.01	.67	.56
5982-19-500V510	FD511J03	500	510	.650	.510	.200	1.01	.67	.56
5982-19-500V560	FD561J03	500	560	.650	.510	.200	1.01	.67	.56
5982-19-500V680	FD681J03	500	680	.650	.510	.210	1.19	.79	.66
5982-19-500V820	FD821J03	500	820	.650	.510	.210	1.18	.79	.65
5982-19-500V910	FD911J03	500	910	.650	.510	.210	1.23	.82	.68
5982-19-500V1000	FD102J03	500	1000	.650	.520	.220	1.26	.84	.69
5982-19-500V1200	FD122J03	500	1200	.660	.520	.220	1.42	.95	.78
5982-19-500V1500	FD152J03	500	1500	.660	.520	.230	1.64	1.09	.90
5982-19-500V2000	FD202J03	500	2000	.670	.530	.240	2.08	1.39	1.14
5982-19-500V2200	FD222J03	500	2200	.670	.530	.250	2.08	1.39	1.14
5982-19-500V2700	FD272J03	500	2700	.680	.540	.270	2.26	1.50	1.24
5982-19-500V3000	FD302J03	500	3000	.680	.550	.280	2.47	1.65	1.36
5982-19-500V3300	FD332J03	500	3300	.680	.550	.290	2.61	1.74	1.44
5982-19-500V3900	FD392J03	500	3900	.690	.560	.310	3.10	2.07	1.71
5982-19-500V4700	FD472J03	500	4700	.700	.580	.350	3.48	2.32	1.91
Manufacturers Type CD30 Series									
5982-30-500V6200	FD622J03	500	6200	.780	.870	.290	7.06	4.94	4.03
5982-30-500V10000	FD103J03	500	10000	.800	.890	.340	8.94	6.26	5.11

High Voltage Dipped Mica "Snubbers"

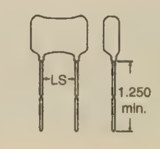
For quantities greater than listed, call for quote

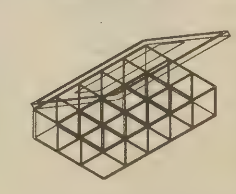
Manufacturers Type CDV19 Series									
5983-19-1KV330	FF331J03	1000	330	.650	.510	.200	1.19	.79	.65
5983-19-1KV470	FF471J03	1000	470	.650	.510	.200	1.40	.93	.77
5983-19-1KV680	FF681J03	1000	680	.660	.520	.220	1.54	1.03	.85
5983-19-1KV1000	FF102J03	1000	1000	.670	.530	.250	1.72	1.15	.95
5983-19-1KV1500	FF152J03	1000	1500	.680	.540	.270	1.79	1.19	.98
5983-19-1KV2200	FF222J03	1000	2200	.690	.560	.310	2.14	1.43	1.18

DIPPED MICA KIT

Specifications:

- Designed for engineers, prototype & repair benches, school labs, short production runs, & hobbyists.
- Fully assembled and keyed for easy use
- Tolerance: J=5%
- Temperature range: -55°C to +125°C
- Voltage range: 300 and 500WVDC
- Vibration test: 10-2000Hz
- 24 values: 1-2000pF
- 120 pieces





For quantities greater than listed, call for quote

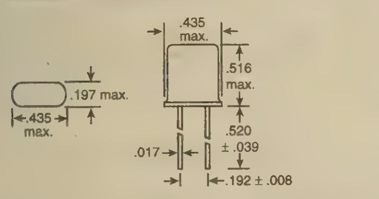
MOUSER STOCK NO.	Mfr's Type	LS (In.)	WVDC	Quantity Per Value	Values (pF)	Price Each
370-5982-1	CD5	.120	300	5	1, 2, 3	86.25
	CD10	.141	500	5	5, 10, 22, 33, 39	
	CD15	.234	500	5	47, 56, 75, 100, 220	
	CD19	.344	500	5	270, 330, 390, 470, 560, 680, 820, 1000, 1200, 1500, 2000	

Microprocessor and Tuning Fork Watch Crystals

MODEL XT49U

- Operating temp.: -20°C to +70°C
- Frequency tolerance: ±50ppm @ 25°C
- Temperature stability: ±50ppm
- Shunt capacitance: 7pF max.
- Drive level: 10μW to 5mW
- Seal: resistance weld

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
73-XT49U357-S	3.579545	Series	.53	.44	.40
73-XT49U357-20	3.579545	20pF	.53	.44	.40
73-XT49U368-S	3.686400	Series	.53	.44	.40
73-XT49U368-20	3.686400	20pF	.53	.44	.40

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
73-XT49U400-S	4.000000	Series	.53	.44	.40
73-XT49U400-20	4.000000	20pF	.53	.44	.40
73-XT49U409-20	4.096000	20pF	.53	.44	.40
73-XT49U443-20	4.433619	20pF	.53	.44	.40
73-XT49U491-S	4.915200	Series	.53	.44	.40
73-XT49U491-20	4.915200	20pF	.53	.44	.40
73-XT49U500-20	5.000000	20pF	.53	.44	.40
73-XT49U506-S	5.068800	Series	.53	.44	.40
73-XT49U506-20	5.068800	20pF	.53	.44	.40
73-XT49U600-S	6.000000	Series	.53	.44	.40
73-XT49U600-20	6.000000	20pF	.53	.44	.40
73-XT49U737-S	7.372800	Series	.53	.44	.40
73-XT49U737-20	7.372800	20pF	.53	.44	.40
73-XT49U800-S	8.000000	20pF	.53	.44	.40
73-XT49U800-20	8.000000	20pF	.53	.44	.40
73-XT49U819-20	8.192000	20pF	.53	.44	.40
73-XT49U921-S	9.216000	Series	.53	.44	.40
73-XT49U921-20	9.216000	20pF	.53	.44	.40
73-XT49U983-20	9.830400	20pF	.53	.44	.40
73-XT49U1000-S	10.000000	Series	.53	.44	.40
73-XT49U1000-20	10.000000	20pF	.53	.44	.40

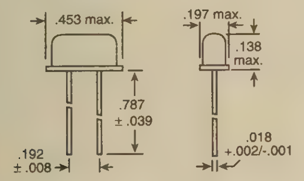
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
73-XT49U1100-S	11.000000	Series	.53	.44	.40
73-XT49U1105-S	11.059200	Series	.53	.44	.40
73-XT49U1105-20	11.059200	20pF	.53	.44	.40
73-XT49U1200-S	12.000000	Series	.53	.44	.40
73-XT49U1200-20	12.000000	20pF	.53	.44	.40
73-XT49U1228-S	12.288000	Series	.53	.44	.40
73-XT49U1228-20	12.288000	20pF	.53	.44	.40
73-XT49U1431-S	14.318180	Series	.53	.44	.40
73-XT49U1431-20	14.318180	20pF	.53	.44	.40
73-XT49U1474-S	14.745600	Series	.54	.45	.41
73-XT49U1474-20	14.745600	20pF	.54	.45	.41
73-XT49U1600-20	16.000000	20pF	.54	.45	.41
73-XT49U1843-S	18.432000	Series	.54	.45	.41
73-XT49U1966-S	19.660800	Series	.54	.45	.41
73-XT49U1966-20	19.660800	20pF	.54	.45	.41
73-XT49U2000-S	20.000000	Series	.54	.45	.41
73-XT49U2000-20	20.000000	20pF	.54	.45	.41
73-XT49U2211-S	22.118400	Series	.54	.45	.41
73-XT49U2211-20	22.118400	20pF	.54	.45	.41
73-XT49U2400-S	24.000000	Series	.73	.61	.55
73-XT49U2400-20	24.000000	20pF	.73	.61	.55

MODEL XT49S

- Operating temp.: -20°C to +70°C
- Frequency tolerance: ±50ppm @ 25°C
- Temperature stablility: ±50ppm
- Shunt capacitance: 7pF max.
- Drive level: 20μW to 5mW
- Seal: resistance weld

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
73-XT49S357-S	3.579545	Series	.64	.53	.48
73-XT49S357-20	3.579545	20pF	.64	.53	.48
73-XT49S368-S	3.686400	Series	.64	.53	.48
73-XT49S368-20	3.686400	20pF	.64	.53	.48
73-XT49S400-S	4.000000	Series	.64	.53	.48
73-XT49S400-20	4.000000	20pF	.64	.53	.48
73-XT49S409-20	4.096000	20pF	.64	.53	.48
73-XT49S443-20	4.433619	20pF	.64	.53	.48
73-XT49S491-20	4.915200	20pF	.64	.53	.48
73-XT49S737-S	7.372800	Series	.64	.53	.48
73-XT49S737-20	7.372800	20pF	.64	.53	.48
73-XT49S800-S	8.000000	Series	.64	.53	.48
73-XT49S800-20	8.000000	20pF	.64	.53	.48
73-XT49S1000-S	10.000000	Series	.64	.53	.48

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
73-XT49S1000-20	10.000000	20pF	.64	.53	.48
73-XT49S1105-S	11.059200	Series	.64	.53	.48
73-XT49S1105-20	11.059200	20pF	.64	.53	.48
73-XT49S1200-S	12.000000	Series	.64	.53	.48
73-XT49S1200-20	12.000000	20pF	.64	.53	.48
73-XT49S1228-20	12.288000	20pF	.64	.53	.48
73-XT49S1431-S	14.318180	Series	.64	.53	.48
73-XT49S1431-20	14.318180	20pF	.64	.53	.48
73-XT49S1474-20	14.745600	20pF	.64	.53	.48
73-XT49S1600-S	16.000000	Series	.64	.53	.48
73-XT49S1600-20	16.000000	20pF	.64	.53	.48
73-XT49S2000-S	20.000000	Series	.64	.53	.48
73-XT49S2000-20	20.000000	20pF	.64	.53	.48
73-XT49S2400-S	24.000000	Series	.64	.53	.48
73-XT49S2400-20	24.000000	20pF	.64	.53	.48

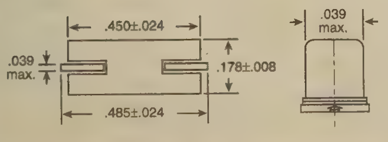
MODEL XT49M

- Operating temp.: 0°C to +70°C
- Frequency tolerance: ±50ppm
- Temperature stability: ±50ppm
- Shunt capacitance: 7pF max.
- Drive level: 20mW to 5mW
- Seal: resistance weld

- Low profile
- Hermetically sealed

◆ Surface Mount Device

DIMENSIONS (IN.)

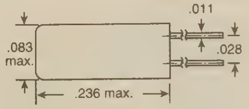


For quantities greater than listed, call for quote.

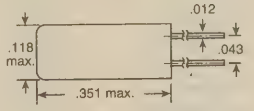
MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
◆ 73-XT49M368-S	3.686400	Series	.82	.68	.62
◆ 73-XT49M368-20	3.686400	20pF	.82	.68	.62
◆ 73-XT49M400-20	4.000000	20pF	.82	.68	.62
◆ 73-XT49M409-20	4.096000	20pF	.82	.68	.62
◆ 73-XT49M491-S	4.915200	Series	.82	.68	.62
◆ 73-XT49M500-20	5.000000	20pF	.82	.68	.62
◆ 73-XT49M737-20	7.372800	20pF	.82	.68	.62
◆ 73-XT49M800-S	8.000000	Series	.82	.68	.62
◆ 73-XT49M1000-S	10.000000	Series	.82	.68	.62
◆ 73-XT49M1105-S	11.059200	Series	.82	.68	.62
◆ 73-XT49M1105-20	11.059200	20pF	.82	.68	.62
◆ 73-XT49M1200-S	12.000000	Series	.82	.68	.62
◆ 73-XT49M1431-S	14.318180	Series	.82	.68	.62
◆ 73-XT49M1474-20	14.745600	20pF	.82	.68	.62
◆ 73-XT49M1600-S	16.000000	Series	.82	.68	.62
◆ 73-XT49M1600-20	16.000000	20pF	.82	.68	.62
◆ 73-XT49M2000-20	20.000000	20pF	.82	.68	.62
◆ 73-XT49M2400-20	24.000000	20pF	.90	.75	.68

TUNING FORK WATCH CRYSTALS

- Operating temperature: -10°C to +60°C
- Frequency tolerance: ±20ppm
- Load capacitance: 12.5pF
- Drive level: 1.0mW max.



XT26T



XT38T

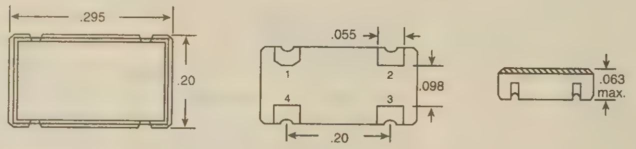
MOUSER STOCK NO.	Frequency (KHz)	Price Each		
		1	10	100
73-XT26T	32.768000	.37	.31	.25
73-XT38T	32.768000	.37	.31	.25

VISHAY Clock Oscillators

VISHAY SMD 3.0V (HCMOS/TTL)

◆ **Surface Mount Device**

DIMENSIONS (IN.)



Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +3.3V / ±0.5V
- Symmetry: 1.5 to 7.999 MHz 48/52
  8.0 to 40.000 MHz 45/55
  40.001 to 70.0MHz 40/60

Pin	Connection
1	N.C.
2	Ground
3	Output
4	+3.3VDC

XOSM573BE Series

For quantities greater than listed, call for quote.

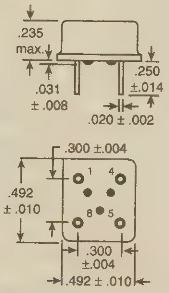
MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
◆ 73-XOSM573BE184	1.843200	15	8	4.56	4.15	3.77
◆ 73-XOSM573BE1000	10.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM573BE1431	14.318180	25	8	4.56	4.15	3.77
◆ 73-XOSM573BE1600	16.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM573BE2000	20.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM573BE2500	25.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM573BE3200	32.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM573BE4000	40.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM573BE5000	50.000000	50	8	4.56	4.15	3.77

VISHAY HALF SIZE 5.0V (HCMOS)

Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +5V / ±0.5V
- Symmetry: 1.0 to 7.999 MHz 48/52
  8.0 to 50.000MHz 45/55

DIMENSIONS (IN.)



Pin	Connection
1	N.C.
4	Ground
5	Output
8	+5VDC

XO52B Series

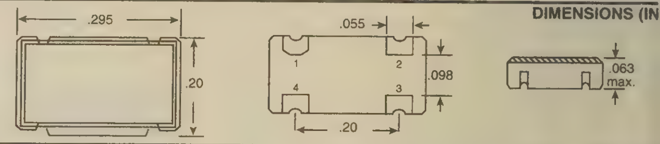
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XO52B100	1.000000	15	10	2.24	2.04	1.85
73-XO52B184	1.843200	15	10	2.24	2.04	1.85
73-XO52B245	2.457600	15	10	2.24	2.04	1.85
73-XO52B368	3.686400	15	10	2.24	2.04	1.85
73-XO52B400	4.000000	15	10	2.24	2.04	1.85
73-XO52B491	4.915200	15	10	2.24	2.04	1.85
73-XO52B500	5.000000	15	10	2.24	2.04	1.85
73-XO52B800	8.000000	25	10	2.24	2.04	1.85
73-XO52B1000	10.000000	25	10	2.24	2.04	1.85
73-XO52B1200	12.000000	25	10	2.24	2.04	1.85
73-XO52B1431	14.318180	25	10	2.24	2.04	1.85
73-XO52B1600	16.000000	25	10	2.24	2.04	1.85
73-XO52B2000	20.000000	25	10	2.24	2.04	1.85
73-XO52B2400	24.000000	25	10	2.24	2.04	1.85
73-XO52B2500	25.000000	25	10	2.24	2.04	1.85
73-XO52B3200	32.000000	25	10	2.24	2.04	1.85
73-XO52B4000	40.000000	25	10	2.24	2.04	1.85
73-XO52B5000	50.000000	25	10	2.24	2.04	1.85

VISHAY SMD 5.0V (HCMOS/TTL)

◆ **Surface Mount Devic**

DIMENSIONS (IN



Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +5.0V / ±0.5V
- Symmetry: 1.5 to 7.999 MHz 48/52
  8.0 to 40.000 MHz 45/55
  40.001 to 70.0MHz 40/60

Pin	Connection
1	N.C.
2	Ground
3	Output
4	+5VDC

XOSM57BE Series

For quantities greater than listed, call for quo

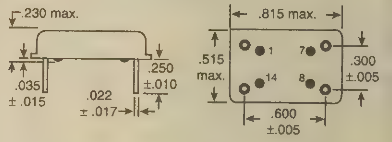
MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
◆ 73-XOSM57BE-184	1.843200	15	8	4.56	4.15	3.77
◆ 73-XOSM57BE368	3.686400	15	8	4.56	4.15	3.77
◆ 73-XOSM57BE400	4.000000	15	8	4.56	4.15	3.77
◆ 73-XOSM57BE491	4.915200	15	8	4.56	4.15	3.77
◆ 73-XOSM57BE500	5.000000	15	8	4.56	4.15	3.77
◆ 73-XOSM57BE737	7.372800	15	8	4.56	4.15	3.77
◆ 73-XOSM57BE800	8.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE1200	12.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE1431	14.318180	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE1600	16.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE2000	20.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE2400	24.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE2500	25.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE3200	32.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE4000	40.000000	25	8	4.56	4.15	3.77
◆ 73-XOSM57BE5000	50.000000	50	8	4.56	4.15	3.77

VISHAY FULL SIZE 5.0V (HCMOS)

Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +5V / ±0.5V
- Symmetry: 1.0 to 7.999 MHz 48/52
  8.0 to 50.000MHz 45/55

DIMENSIONS (IN.)



Pin	Connection
1	N.C.
7	Ground
8	Output
14	+5VDC

XO54B Series

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XO54B100	1.000000	15	10	2.24	2.04	1.85
73-XO54B184	1.843200	15	10	2.24	2.04	1.85
73-XO54B368	3.686400	15	10	2.24	2.04	1.85
73-XO54B400	4.000000	15	10	2.24	2.04	1.85
73-XO54B800	8.000000	20	10	2.24	2.04	1.85
73-XO54B1600	16.000000	20	10	2.24	2.04	1.85
73-XO54B2000	20.000000	20	10	2.24	2.04	1.85
73-XO54B2400	24.000000	20	10	2.24	2.04	1.85
73-XO54B2500	25.000000	20	10	2.24	2.04	1.85
73-XO54B3200	32.000000	20	10	2.24	2.04	1.85
73-XO54B4000	40.000000	20	10	2.24	2.04	1.85
73-XO54B5000	50.000000	20	10	2.24	2.04	1.85

XO53B Series

For quantities greater than listed, call for quote.

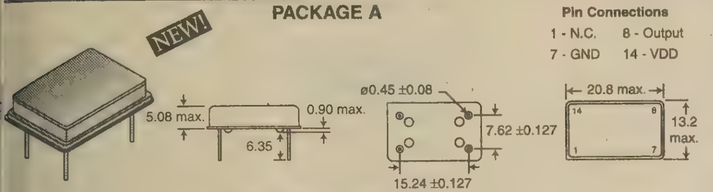
MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XO53B100	1.000000	10	5	2.24	2.04	1.85
73-XO53B491	4.915200	10	5	2.24	2.04	1.85
73-XO53B500	5.000000	10	5	2.24	2.04	1.85
73-XO53B737	7.372800	10	5	2.24	2.04	1.85
73-XO53B983	9.830400	20	5	2.24	2.04	1.85
73-XO53B1000	10.000000	20	5	2.24	2.04	1.85
73-XO53B1105	11.059200	20	5	2.24	2.04	1.85
73-XO53B4000	40.000000	20	5	2.24	2.04	1.85

FOX JITO-2 JUST-IN-TIME OSCILLATORS®

Just-In-Time Custom Frequency Oscillators

DIMENSIONS (mm)

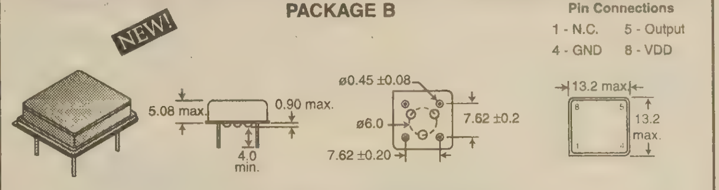
PACKAGE A



Pin Connections
1 - N.C.   8 - Output
7 - GND   14 - VDD

Full Size 14 Pin DIP

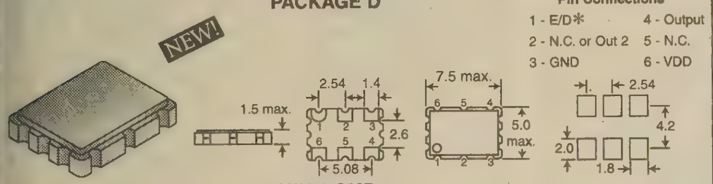
PACKAGE B



Pin Connections
1 - N.C.   5 - Output
4 - GND   8 - VDD

Half Size 8 Pin DIP

PACKAGE D

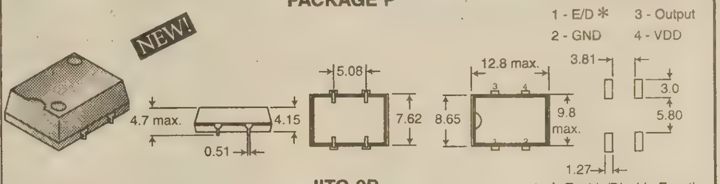


Pin Connections
1 - E/D✻   4 - Output
2 - N.C. or Out 2   5 - N.C.
3 - GND   6 - VDD

MIN-6 SMD

✻ Enable/Disable Function

PACKAGE P



Pin Connections
1 - E/D ✻   3 - Output
2 - GND   4 - VDD

JITO-2P

✻ Enable/Disable Function

The Fox JITO-2 (Just-In-Time-Oscillators) line represents Fox's latest contribution to helping buyers and engineers alike meet the increasing pressure of bring new designs and products to market aster and more efficiently. This line of crystal oscillator cuts the industry standard leadtime to just 10 working days for custom frequency oscillators; 48 hours for evaluation units in most cases.

Features:

- Custom and standard frequencies from 340kHz up to 250MHz
- +/- 100ppm, +/- 50ppm, +/- 30ppm, +/- 25ppm stability
- 3.3 or 5.0 Volts; -10°C to +70°C to -40°C to +85°C operating temperature
- Both SMD and thru-hole packaging available

***10 Days or Less!**

Notes

- All JITO products are NON-CANCELABLE AND NON-RETURNABLE
- Orders over 100 pcs require prior customer sample approval
- For Package D, less then 250 pcs, charge $75 for tape & reel
- For Packages A&B, ship in tubes of 25 and 40, respectively

JITO PART NUMBERING GUIDE:

JITO - B C 3 A M 106.250000

Package Style:
A = 14 Pin DIP
B = 8 Pin DIP
D = Min-6
(5x7.5x1.5mm
6 Pad SMD)
P = Plastic
(10x13x5mm)

Type:
C = HCMOS
P = PECL
S = HCMOS
(standby)

Supply Voltage:
5 = + 5.0 Volts
3 = + 3.3 Volts

Stability:
A = ±100ppm
B = ±50ppm
C = ±30ppm
D = ±25ppm

Temperature Range:
E = -10°C to +70°C
M = -40°C to +85°C

Frequency (MHz)

***10 Business days or less for custom or standard frequency oscillators.**

Pricing For Most Popular Part Numbers. Contact your Mouser Sales Representative for options not listed below.

FREQUENCY RANGE 340KHZ TO 125MHZ

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package	Type	Voltage	Stability	Temperature Range	Price Each 1	25	50	100
JITO-AC3AE 000.340000 to 125.000000	14 Pin DIP	HCMOS	+3.3	±100ppm	-10°C to +70°C	14.18	5.54	4.56	3.54
JITO-AC3AM 000.340000 to 125.000000	14 Pin DIP	HCMOS	+3.3	±100ppm	-40°C to +85°C	16.20	6.34	5.21	4.04
JITO-AC5AE 000.340000 to 125.000000	14 Pin DIP	HCMOS	+5.0	±100ppm	-10°C to +70°C	13.50	5.28	4.34	3.37
JITO-AC5AM 000.340000 to 125.000000	14 Pin DIP	HCMOS	+5.0	±100ppm	-40°C to +85°C	15.53	6.07	4.99	3.88
JITO-BC3AE 000.340000 to 125.000000	8 Pin DIP	HCMOS	+3.3	±100ppm	-10°C to +70°C	14.18	5.41	4.50	3.44
JITO-BC3AM 000.340000 to 125.000000	8 Pin DIP	HCMOS	+3.3	±100ppm	-40°C to +85°C	16.20	6.18	5.15	3.94
JITO-BC5AE 000.340000 to 125.000000	8 Pin DIP	HCMOS	+5.0	±100ppm	-10°C to +70°C	13.50	5.15	4.29	3.28
JITO-BC5AM 000.340000 to 125.000000	8 Pin DIP	HCMOS	+5.0	±100ppm	-40°C to +85°C	15.53	5.92	4.93	3.77
JITO-DC3AE 000.340000 to 125.000000	Mini-6 SMD	HCMOS	+3.3	±100ppm	-10°C to +70°C	15.53	5.76	4.62	3.64
JITO-DC3AM 000.340000 to 125.000000	Mini-6 SMD	HCMOS	+3.3	±100ppm	-40°C to +85°C	17.75	6.59	5.28	4.16
JITO-DC5AE 000.340000 to 125.000000	Mini-6 SMD	HCMOS	+5.0	±100ppm	-10°C to +70°C	14.79	5.49	4.40	3.47
JITO-DC5AM 000.340000 to 125.000000	Mini-6 SMD	HCMOS	+5.0	±100ppm	-40°C to +85°C	17.01	6.31	5.06	3.99
JITO-PC3AE 000.340000 to 125.000000	Plastic	HCMOS	+3.3	±100ppm	-10°C to +70°C	14.18	5.34	4.44	3.32
JITO-PC3AM 000.340000 to 125.000000	Plastic	HCMOS	+3.3	±100ppm	-40°C to +85°C	16.20	6.11	5.08	3.79
JITO-PC5AE 000.340000 to 125.000000	Plastic	HCMOS	+5.0	±100ppm	-10°C to +70°C	13.50	5.09	4.23	3.16
JITO-PC5AM 000.340000 to 125.000000	Plastic	HCMOS	+5.0	±100ppm	-40°C to +85°C	15.53	5.85	4.86	3.63

FREQUENCY RANGE 125MHZ - 250MHZ

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package	Type	Voltage	Stability	Temperature Range	Price Each 1	25	50	100
JITO-AC3AE 125.000000 to 250.000000	14 Pin DIP	HCMOS	+3.3	±100ppm	-10°C to +70°C	14.73	7.49	7.31	6.38
JITO-AC3AM 125.000000 to 250.000000	14 Pin DIP	HCMOS	+3.3	±100ppm	-40°C to +85°C	16.84	8.56	8.35	7.30
JITO-AC5AE 125.000000 to 250.000000	14 Pin DIP	HCMOS	+5.0	±100ppm	-10°C to +70°C	14.03	7.13	6.96	6.08
JITO-AC5AM 125.000000 to 250.000000	14 Pin DIP	HCMOS	+5.0	±100ppm	-40°C to +85°C	16.13	8.20	8.00	6.99
JITO-BC3AE 125.000000 to 250.000000	8 Pin DIP	HCMOS	+3.3	±100ppm	-10°C to +70°C	14.73	7.27	6.90	5.87
JITO-BC3AM 125.000000 to 250.000000	8 Pin DIP	HCMOS	+3.3	±100ppm	-40°C to +85°C	16.84	8.30	7.88	6.71
JITO-BC5AE 125.000000 to 250.000000	8 Pin DIP	HCMOS	+5.0	±100ppm	-10°C to +70°C	14.03	6.92	6.57	5.59
JITO-BC5AM 125.000000 to 250.000000	8 Pin DIP	HCMOS	+5.0	±100ppm	-40°C to +85°C	16.13	7.96	7.56	6.43
JITO-DC3AE 125.000000 to 250.000000	Mini-6 SMD	HCMOS	+3.3	±100ppm	-10°C to +70°C	15.21	7.77	7.52	6.69
JITO-DC3AM 125.000000 to 250.000000	Mini-6 SMD	HCMOS	+3.3	±100ppm	-40°C to +85°C	17.39	8.88	8.59	7.64
JITO-DC5AE 125.000000 to 250.000000	Mini-6 SMD	HCMOS	+5.0	±100ppm	-10°C to +70°C	14.49	7.40	7.16	6.37
JITO-DC5AM 125.000000 to 250.000000	Mini-6 SMD	HCMOS	+5.0	±100ppm	-40°C to +85°C	16.66	8.51	8.23	7.33
JITO-PC3AE 125.000000 to 250.000000	Plastic	HCMOS	+3.3	±100ppm	-10°C to +70°C	14.49	7.15	6.23	4.99
JITO-PC3AM 125.000000 to 250.000000	Plastic	HCMOS	+3.3	±100ppm	-40°C to +85°C	16.56	8.17	7.12	5.70
JITO-PC5AE 125.000000 to 250.000000	Plastic	HCMOS	+5.0	±100ppm	-10°C to +70°C	13.80	6.81	5.93	4.75
JITO-PC5AM 125.000000 to 250.000000	Plastic	HCMOS	+5.0	±100ppm	-40°C to +85°C	15.87	7.83	6.82	5.46

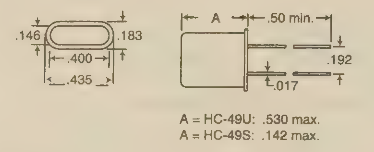
FOX Microprocessor Crystals

♦Surface Mount Devic

HC-49U CRYSTALS

- Operating temp.: -20°C to +70°C
- Frequency tolerance: ±30PPM
- Aging: ±5PPM per year max.
- Drive level (typ./max.):
  1.0-3.0MHz, 0.1/5.0mW
  3.0-32.0MHz, 0.1/2.0mW
- Maximum height: .530"

DIMENSIONS (IN.)



A = HC-49U: .530 max.
A = HC-49S: .142 max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
559-FOX018S	1.843200	13pF	1.61	1.31	1.20
559-FOX020S	2.000000	20pF	1.61	1.31	1.20
559-FOX021S	2.097152	20pF	1.61	1.31	1.20
559-FOX024S	2.457600	32pF	.91	.74	.68
559-FOX036S	3.579545	18pF	.47	.39	.35
559-FOX0368S	3.686400	Series	.47	.39	.35
559-FOX0368-20	3.686400	20pF	.47	.39	.35
559-FOX040	4.000000	20pF	.47	.39	.35
559-FOX040A	4.000000	Series	.47	.39	.35
559-FOX041	4.194304	12pF	.47	.39	.35
559-FOX0443	4.433619	20pF	.47	.39	.35
559-FOX049	4.915200	Series	.47	.39	.35
559-FOX049-20	4.915200	20pF	.47	.39	.35
559-FOX05A	5.000000	20pF	.47	.39	.35
559-FOX060	6.000000	Series	.47	.39	.35
559-FOX060-20	6.000000	20pF	.47	.39	.35
559-FOX061	6.144000	30pF	.47	.39	.35
559-FOX061-20	6.144000	20pF	.47	.39	.35
559-FOX073	7.372800	Series	.47	.39	.35
559-FOX073-20	7.372800	20pF	.47	.39	.35
559-FOX080	8.000000	Series	.47	.39	.35
559-FOX080-20	8.000000	20pF	.47	.39	.35
559-FOX081	8.192000	Series	.47	.39	.35
559-FOX081-20	8.192000	20pF	.47	.39	.35
559-FOX092	9.216000	Series	.47	.39	.35
559-FOX098	9.830400	Series	.47	.39	.35
559-FOX098-20	9.830400	20pF	.47	.39	.35
559-FOX100	10.000000	Series	.47	.39	.35
559-FOX100-20	10.000000	20pF	.47	.39	.35
559-FOX111	11.000000	Series	.47	.39	.35
559-FOX111-20	11.000000	20pF	.47	.39	.35
559-FOX115	11.059200	Series	.47	.39	.35
559-FOX115-20	11.059200	20pF	.47	.39	.35
559-FOX120	12.000000	Series	.47	.39	.35
559-FOX120-20	12.000000	20pF	.47	.39	.35
559-FOX128	12.288000	Series	.47	.39	.35
559-FOX128-20	12.288000	20pF	.47	.39	.35
559-FOX143	14.318180	Series	.42	.34	.31
559-FOX143-20	14.318180	20pF	.42	.34	.31
559-FOX160	16.000000	Series	.47	.39	.35
559-FOX160-20	16.000000	20pF	.47	.39	.35
559-FOX184	18.432000	Series	.47	.39	.35
559-FOX184-20	18.432000	20pF	.47	.39	.35
559-FOX196	19.660800	Series	.47	.39	.35
559-FOX196-20	19.660800	20pF	.47	.39	.35
559-FOX200	20.000000	Series	.47	.39	.35
559-FOX200-20	20.000000	20pF	.47	.39	.35
559-FOX221	22.118400	Series	.54	.44	.40
559-FOX221-20	22.118400	20pF	.54	.44	.40
559-FOX240F	24.000000	Series	.63	.51	.47
559-FOX240F-20	24.000000	20pF	.63	.51	.47
559-FOX245F-20	24.576000	20pF	.63	.51	.47
559-FOX250F-20	25.000000	20pF	.63	.51	.47
559-FOX320-20	32.000000	20pF	.47	.39	.35
559-FOX480-20	48.000000	20pF	.53	.43	.39
559-FOX500-20	50.000000	20pF	.53	.43	.39
559-FOX600-20	60.000000	20pF	.65	.53	.48
559-FOX640-20	64.000000	20pF	.74	.60	.55

HC-49S CRYSTALS

- Operating temperature: 0°C to +70°C
- Frequency tolerance: ±30PPM
- Aging: ±5PPM per year max.
- Drive level (typ./max.): 0.1mW/1.0m
- Maximum height: .142"

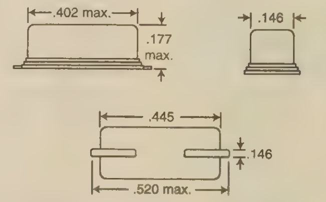
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
559-FOXS036S	3.579545	18pF	.57	.49	.43
559-FOXS0368S	3.686400	Series	.57	.49	.43
559-FOXS0368S-20	3.686400	20pF	.57	.49	.43
559-FOXS040	4.000000	20pF	.57	.49	.43
559-FOXS040A	4.000000	Series	.57	.49	.43
559-FOXS0496-20	4.096000	20pF	.57	.49	.43
559-FOXS041	4.194304	12pF	.57	.49	.43
559-FOXS0443	4.433619	20pF	.57	.49	.43
559-FOXS049	4.915200	Series	.57	.49	.43
559-FOXS049-20	4.915200	20pF	.57	.49	.43
559-FOXS073	7.372800	Series	.57	.49	.43
559-FOXS073-20	7.372800	20pF	.57	.49	.43
559-FOXS080	8.000000	Series	.57	.49	.43
559-FOXS080-20	8.000000	20pF	.57	.49	.43
559-FOXS081-20	8.192000	20pF	.57	.49	.43
559-FOXS098	9.830400	Series	.57	.49	.43
559-FOXS098-20	9.830400	20pF	.57	.49	.43
559-FOXS100	10.000000	Series	.57	.49	.43
559-FOXS100-20	10.000000	20pF	.57	.49	.43
559-FOXS111-20	11.000000	20pF	.57	.49	.43
559-FOXS115	11.059200	Series	.57	.49	.43
559-FOXS115-20	11.059200	20pF	.57	.49	.43
559-FOXS120	12.000000	Series	.57	.49	.43
559-FOXS120-20	12.000000	20pF	.57	.49	.43
559-FOXS128	12.288000	Series	.57	.49	.43
559-FOXS128-20	12.288000	20pF	.57	.49	.43
559-FOXS143	14.318180	Series	.48	.41	.36
559-FOXS143-20	14.318180	20pF	.48	.41	.36
559-FOXS147	14.745600	Series	.57	.49	.43
559-FOXS147-20	14.745600	20pF	.57	.49	.43
559-FOXS160	16.000000	Series	.57	.49	.43
559-FOXS160-20	16.000000	20pF	.57	.49	.43
559-FOXS184-20	18.432000	20pF	.57	.49	.43
559-FOXS196-20	19.660800	20pF	.57	.49	.43
559-FOXS200	20.000000	Series	.57	.49	.43
559-FOXS200-20	20.000000	20pF	.57	.49	.43
559-FOXS221-20	22.118400	20pF	.57	.49	.43
559-FOXS240F	24.000000	Series	.66	.57	.49
559-FOXS240F-20	24.000000	20pF	.66	.57	.49
559-FOXS245F-20	24.576000	20pF	.66	.57	.49
559-FOXS250F-20	25.000000	20pF	.66	.57	.49

HC-49SD CRYSTALS

- Operating temp.: 0°C to +70°C
- Frequency tolerance: ±30PPM
- Aging: ±5PPM per year max.
- Drive level (typ./max.): 0.1mW/1.0mW
- Maximum height: .177"

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
♦ 559-FOXSD036S	3.579545	18pF	.69	.59	.51
♦ 559-FOXSD0368-20	3.686400	20pF	.69	.59	.51
♦ 559-FOXSD040	4.000000	20pF	.69	.59	.51
♦ 559-FOXSD041	4.194304	12pF	.69	.59	.51
♦ 559-FOXSD0443	4.433619	20pF	.69	.59	.51
♦ 559-FOXSD049-20	4.915200	20pF	.69	.59	.51
♦ 559-FOXSD05A	5.000000	20pF	.69	.59	.51
♦ 559-FOXSD060-20	6.000000	20pF	.69	.59	.51
♦ 559-FOXSD073-20	7.372800	20pF	.69	.59	.51
♦ 559-FOXSD080-20	8.000000	20pF	.69	.59	.51
♦ 559-FOXSD081-20	8.192000	20pF	.69	.59	.51
♦ 559-FOXSD098-20	9.830400	20pF	.69	.59	.51
♦ 559-FOXSD100-20	10.000000	20pF	.69	.59	.51
♦ 559-FOXSD111-20	11.000000	20pF	.69	.59	.51

HC-49SD CRYSTALS (cont.)

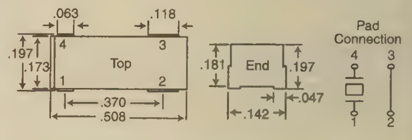
For quantities greater than listed, call for quot

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
♦ 559-FOXSD115-20	11.059200	20pF	.69	.59	.51
♦ 559-FOXSD120-20	12.000000	20pF	.69	.59	.51
♦ 559-FOXSD128-20	12.288000	20pF	.69	.59	.51
♦ 559-FOXSD143-20	14.318180	20pF	.69	.59	.51
♦ 559-FOXSD147-20	14.745600	20pF	.69	.59	.51
♦ 559-FOXSD160-20	16.000000	20pF	.69	.59	.51
♦ 559-FOXSD184-20	18.432000	20pF	.69	.59	.51
♦ 559-FOXSD196-20	19.660800	20pF	.69	.59	.51
♦ 559-FOXSD200-20	20.000000	20pF	.69	.59	.51
♦ 559-FOXSD221-20	22.118400	20pF	.69	.59	.51
♦ 559-FOXSD240F-20	24.000000	20pF	.78	.67	.58
♦ 559-FOXSD245F-20	24.576000	20pF	.78	.67	.58
♦ 559-FOXSD250F-20	25.000000	20pF	.78	.67	.58
♦ 559-FOXSD320-20	32.000000	20pF	.74	.64	.55
♦ 559-FOXSD480-20	48.000000	20pF	.74	.64	.55
♦ 559-FOXSD500-20	50.000000	20pF	.74	.64	.55
♦ 559-FOXSD564-18	56.448000	18pF	.88	.76	.66
♦ 559-FOXSD600-20	60.000000	20pF	.88	.76	.66
♦ 559-FOXSD640-20	64.000000	20pF	.99	.85	.74

ENCAPSULATED SMD CRYSTALS

- Operating temp.: -10°C to +70°C
- Frequency tolerance: ±50PPM
- Aging: ±5PPM per year max.
- Drive level (typ./max.): 0.1mW/1.0mW
- Maximum height: .197"

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

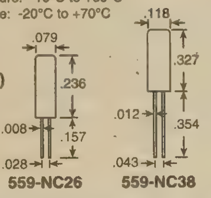
MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each		
			1	10	100
♦ 559-FPX036S	3.579545	18pF	1.66	1.55	1.50
♦ 559-FPX0368S	3.686400	Series	1.66	1.55	1.50
♦ 559-FPX0368S-20	3.686400	20pF	1.66	1.55	1.50
♦ 559-FPX040	4.000000	20pF	1.66	1.55	1.50
♦ 559-FPX040A	4.000000	Series	1.66	1.55	1.50
♦ 559-FPX049	4.915200	Series	1.66	1.55	1.50
♦ 559-FPX049-20	4.915200	20pF	1.66	1.55	1.50
♦ 559-FPX073	7.372800	Series	1.66	1.55	1.50
♦ 559-FPX073-20	7.372800	20pF	1.66	1.55	1.50
♦ 559-FPX080	8.000000	Series	1.66	1.55	1.50
♦ 559-FPX080-20	8.000000	20pF	1.66	1.55	1.50
♦ 559-FPX081-20	8.192000	20pF	1.66	1.55	1.50
♦ 559-FPX098-20	9.830400	20pF	1.66	1.55	1.50
♦ 559-FPX100	10.000000	Series	1.66	1.55	1.50
♦ 559-FPX100-20	10.000000	20pF	1.66	1.55	1.50
♦ 559-FPX111-20	11.000000	20pF	1.66	1.55	1.50
♦ 559-FPX115	11.059200	Series	1.66	1.55	1.50
♦ 559-FPX115-20	11.059200	20pF	1.66	1.55	1.50
♦ 559-FPX120	12.000000	Series	1.66	1.55	1.50
♦ 559-FPX120-20	12.000000	20pF	1.66	1.55	1.50
♦ 559-FPX128	12.288000	Series	1.66	1.55	1.50
♦ 559-FPX128-20	12.288000	20pF	1.66	1.55	1.50
♦ 559-FPX143	14.318180	Series	1.66	1.55	1.50
♦ 559-FPX143-20	14.318180	20pF	1.66	1.55	1.50
♦ 559-FPX147	14.745600	Series	1.66	1.55	1.50
♦ 559-FPX147-20	14.745600	20pF	1.66	1.55	1.50
♦ 559-FPX160	16.000000	Series	1.66	1.55	1.50
♦ 559-FPX160-20	16.000000	20pF	1.66	1.55	1.50
♦ 559-FPX184-20	18.432000	20pF	1.73	1.62	1.56
♦ 559-FPX196-20	19.660800	20pF	1.73	1.62	1.56
♦ 559-FPX200	20.000000	Series	1.73	1.62	1.56
♦ 559-FPX200-20	20.000000	20pF	1.73	1.62	1.56
♦ 559-FPX221	22.118400	Series	1.73	1.62	1.56
♦ 559-FPX221-20	22.118400	20pF	1.73	1.62	1.56
♦ 559-FPX240F-20	24.000000	20pF	1.73	1.62	1.56
♦ 559-FPX245F-20	24.576000	20pF	1.73	1.62	1.56
♦ 559-FPX250F-20	25.000000	20pF	1.73	1.62	1.56
♦ 559-FPX320-20	32.000000	20pF	1.99	1.86	1.80
♦ 559-FPX480-20	48.000000	20pF	1.99	1.86	1.80
♦ 559-FPX500-20	50.000000	20pF	2.25	2.11	2.04
♦ 559-FPX600-20	60.000000	20pF	2.25	2.11	2.04
♦ 559-FPX640-20	64.000000	20pF	2.25	2.11	2.04

FOX Oscillators and Crystals

TUNING FORK WATCH CRYSTALS

- Frequency tolerance: ±20PPM
- Load capacitance: 12.5pF
- Equivalent series resistance:
  - 559-NC26 30k/50kΩ (typ./max.)
  - 559-NC38 18k/35kΩ (typ./max.)
- Insulation resistance: 100MΩ
- Drive level: 1.0μW
- Aging: ±3PPM/year @ 25°C
- Operating temperature: -10°C to +60°C
- Storage temperature: -20°C to +70°C

DIMENSIONS (IN.)

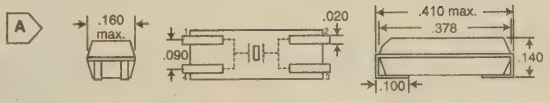


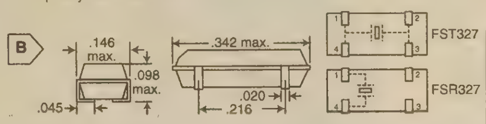
MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-NC26	32.768000	.54	.45	.36
559-NC38	32.768000	.54	.45	.36

SMD TUNING FORK WATCH CRYSTALS

- For applications that require the watch frequency (32.76 kHz).
- Sturdy thermoplastic housing
- 2.5mm height max.
- Operating temp.: -40°C to +85°C
- Frequency tolerance: ±20PPM

DIMENSIONS (IN.)





For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (kHz)	Price Each		
			1	10	100
559-FSM327	A	32.768000	1.14	1.07	1.04
559-FST327	B	32.768000	.83	.78	.75
559-FSR327	B	32.768000	.83	.78	.75

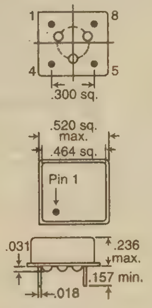
HALF SIZE HIGH SPEED CMOS TRI-STATE OSCILLATORS

- Operating temp.: -10°C to +70°C (H5C2), 0°C to +70°C (H5C2E)
- Output symmetry: 45%/55% (min./max.)
- Storage temp.: -55°C to +125°C
- Supply volt.: 5.0VDC ±0.5
- Frequency stability: ±100PPM

Pin Connections:
1 - E/D✻
4 - GND (Case)
5 - Output
8 - +5VDC

✻ Enable/Disable Function

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

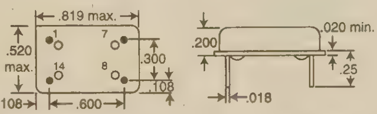
MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-H5C2E-368	3.686400	1.93	1.76	1.60
559-H5C2E-800	8.000000	1.93	1.76	1.60
559-H5C2E-1600	16.000000	1.93	1.76	1.60
559-H5C2E-2000	20.000000	1.93	1.76	1.60
559-H5C2E-2500	25.000000	1.93	1.76	1.60
559-H5C2E-3200	32.000000	1.93	1.76	1.60
559-H5C2E-4000	40.000000	1.93	1.76	1.60
559-H5C2-5000	50.000000	4.62	4.22	3.83

FULL SIZE TTL CLOCK OSCILLATORS

- Operating temp.: 0°C to +70°C
- Storage temp.: -55°C to +125°C
- Supply volt.: 5.0VDC ±0.5
- Output symmetry:
  - 1.000 to 7.999 = 45%/55% (min/max)
  - 8.000 to 100.000 = 40%/60% (min/max)
- Frequency Stability: ±100PPM

Pin Connections:
1 - N.C
8 - Output
7 - GND (Case)
14 - +5VDC

DIMENSIONS (IN.)



MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-F1100E-184	1.843200	1.58	1.44	1.31
559-F1100E-245	2.457600	1.58	1.44	1.31
559-F1100E-368	3.686400	1.58	1.44	1.31
559-F1100E-400	4.000000	1.58	1.44	1.31
559-F1100E-737	7.372800	1.58	1.44	1.31
559-F1100E-800	8.000000	1.58	1.44	1.31
559-F1100E-1000	10.000000	1.58	1.44	1.31
559-F1100E-1105	11.059200	1.58	1.44	1.31
559-F1100E-1200	12.000000	1.58	1.44	1.31
559-F1100E-1431	14.318180	1.58	1.44	1.31

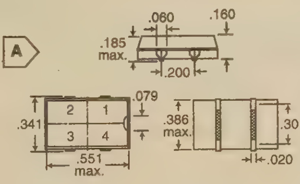
MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-F1100E-1474	14.745600	1.58	1.44	1.31
559-F1100E-1600	16.000000	1.58	1.44	1.31
559-F1100E-2000	20.000000	1.58	1.44	1.31
559-F1100E-2400	24.000000	1.58	1.44	1.31
559-F1100E-2500	25.000000	1.58	1.44	1.31
559-F1100E-3200	32.000000	1.58	1.44	1.31
559-F1100E-4000	40.000000	1.58	1.44	1.31
559-F1100E-4800	48.000000	1.58	1.44	1.31
559-F1100E-5000	50.000000	1.58	1.44	1.31
559-F1100E-6400	64.000000	1.89	1.73	1.57
559-F1100E-8000	80.000000	2.84	2.59	2.35

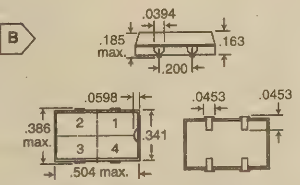
HIGH SPEED SMD CMOS/TTL OSCILLATORS

- Operating temp.: -10°C to +70°C
- Output symmetry: FSO2/2H - 40%/60% (min./max.)
  F3160 - 45%/55% (min./max.),
  KFO series - 1.544~50.0MHz, 45%/55% (min./max.)
  KFO series - 50.0~67.0MHz, 40%/60% (min./max.)
- Storage temp.: -55°C to +125°
- Supply volt.: 5.0VDC ±0.5
- Frequency stability: ±100PPM

Pin Connections:
1 - Enable/Disable
2 - GND
3 - Output
4 - +5VDC

DIMENSIONS (IN.)





For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (MHz)	Price Each		
			1	10	100
559-FSO2-2400	A	24.000000	3.39	3.18	3.07
559-FSO2H-3200	A	32.000000	3.39	3.18	3.07
559-KFO-184	B	1.843200	2.54	2.39	2.31
559-KFO-200	B	2.000000	2.54	2.39	2.31
559-KFO-400	B	4.000000	2.54	2.39	2.31
559-KFO-800	B	8.000000	2.54	2.39	2.31
559-KFO-1000	B	10.000000	2.54	2.39	2.31
559-KFO-1200	B	12.000000	2.54	2.39	2.31
559-KFO-1431	B	14.318180	2.54	2.39	2.31
559-KFO-1600	B	16.000000	2.54	2.39	2.31
559-KFO-2000	B	20.000000	2.54	2.39	2.31
559-KFO-4000	B	40.000000	2.64	2.48	2.39
559-KFO-4800	B	48.000000	2.64	2.48	2.39
559-KFO-5000	B	50.000000	2.64	2.48	2.39
559-KFO-6000	B	60.000000	3.01	2.82	2.73
559-KFO-6400	B	64.000000	3.01	2.82	2.73
559-KFO-6666	B	66.666700	3.01	2.82	2.73

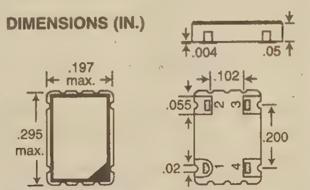
MINI SMD HCMOS OSCILLATORS

- Sealed ceramic package
- Operating temp: -10°C to +70°C
- Frequency stability: ±100PPM
- For applications such as portable computers and peripherals, telecommunication devices and instrumentation.

Pin Connections:
1 - E/D✻ 3 - Output
2 - GND 4 - +5VDC

✻ Enable/Disable Function

DIMENSIONS (IN.)



For quantities greater that listed, call for quote.

	MOUSER STOCK NO.	Frequency (MHz)	Price Each		
			1	10	100
◆	559-F3345-184	1.843200	4.51	4.23	4.09
◆	559-F3355-1200	12.000000	3.98	3.74	3.61
◆	559-F3345-2400	24.000000	4.51	4.23	4.09
◆	559-F3345-2500	25.000000	4.51	4.23	4.09
◆	559-F3345-3200	32.000000	4.51	4.23	4.09
◆	559-F3345-4000	40.000000	4.51	4.23	4.09
◆	559-F3345-5000	50.000000	4.67	4.38	4.23
◆	559-F3345-6400	64.000000	5.26	4.94	4.77

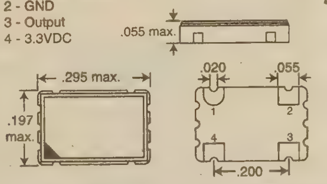
SMD HCMOS 3.3V CLOCK OSCILLATORS

- Operating temp.: -10°C to +70°C
- Storage temp.: -55°C to +125°C
- Supply volt.: 3.3VDC ±10%
- Frequency Stability: ±100PPM
- Output symmetry:
  1.544 to 50.000 = 45%/55% (min/max)
  50.000 to 106.25 = 40%/60% (min/max)

For quantities greater than listed, call for quote.

Pin Connections:
1 - Enable/Disable
2 - GND
3 - Output
4 - 3.3VDC

DIMENSIONS (IN)



MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-F4100-184	1.843200	4.69	4.40	4.25
559-F4100-1000	10.000000	4.69	4.40	4.25
559-F4100-1431	14.318180	4.69	4.40	4.25
559-F4100-1600	16.000000	4.69	4.40	4.25
559-F4100-2000	20.000000	4.69	4.40	4.25
559-F4100-2500	25.000000	4.69	4.40	4.25
559-F4100-3200	32.000000	4.69	4.40	4.25
559-F4100-3333	33.333000	4.69	4.40	4.25
559-F4100-4000	40.000000	4.69	4.40	4.25
559-F4100-5000	50.000000	4.83	4.53	4.38
559-F4100-6666	66.666700	6.44	5.10	4.93

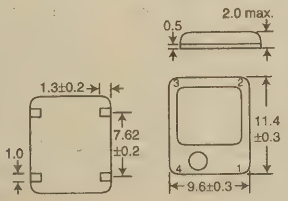
TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR (TCXO)

These SMD TCXOs are suitable for a variety of cost effective applications which require excellent frequency stability.

- Operating temp.: -30°C to +75°C
- Storage temp.: -35°C to +80°C
- Frequency stability: over temperature range: ± 2.5PPM
  over supply voltage change: ±0.3PPM
  over load change: ±0.3PPM
- Aging: ±0.8PPM/year @ 25°C
- Input current: 2.0mA
- Output load: 10KΩ, 10pF
- Supply volt.: +2.85 (min.) +3.15 (max.)

Pin Connections:
1 - N.C or Vc 3 - Output
2 - GND 4 - V_{DD}

DIMENSIONS (mm)



MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-FOX801BE-1000	10.000000	28.26	26.49	25.61
559-FOX801BE-1280	12.800000	28.26	26.49	25.61
559-FOX801BE-1440	14.400000	28.26	26.49	25.61
559-FOX801BE-1600	16.000000	28.26	26.49	25.61
559-FOX801BE-1920	19.200000	28.26	26.49	25.61

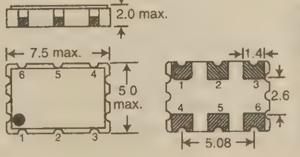
VOLTAGE CONTROLLED CRYSTAL OSCILLATOR (VCXO)

These SMD VCXOs are a tight stabality, voltage controlled oscillator that is available in a wide range of stability and pullability options. It was designed to be a general purpose VCXO with minimum utilization of board space.

Pin Connections:
1 - Vcont 3 - GND 5 - N.C
2 - E/D 4 - Output 6 - V_{DD}

- Operating temp.: -10°C to +70°C
- Storage temp.: -40°C to +85°C
- Frequency stability: ± 50PPM
- Input current: 1.0-30MHz - 15mA
  30.0-45.0MHz - 25mA
- Output load: HCMOS - 15pF
- Supply volt.: +3.0 (min.)
  +3.6 (max.)
- Control volt.: +0.15V (min.)
  +3.15V (max.)

DIMENSIONS (mm)



MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-VCS25AXT-409	4.096000	9.25	8.67	8.38
559-VCS25AXT-819	8.192000	9.25	8.67	8.38
559-VCS25AXT-1228	12.288000	9.25	8.67	8.38
559-VCS25AXT-1638	16.384000	9.25	8.67	8.38
559-VCS25AXT-2700	27.000000	9.25	8.67	8.38
559-VCS25AXT-4473	44.736000	9.25	8.67	8.38

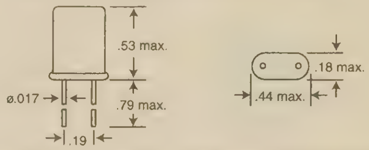
ECS INC. INTERNATIONAL Microprocessor Crystals

General Specifications:

- Operating temperature: -10°C to +60°C
- Frequency tolerance: ±50ppm @ 25°C
- Drive level: 1mW
- Aging: ±5ppm/yr max.

HC-49/U

DIMENSIONS (IN.)

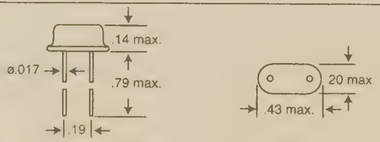


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each 1	10	100
520-HCA100-13	1.000000	13pf	11.20	10.00	8.96
520-HCA184-S	1.843200	Series	1.46	1.30	1.20
520-HCA200-S	2.000000	Series	1.46	1.30	1.20
520-HCA204-12	2.048000	12pf	1.46	1.30	1.20
520-HCA250-S	2.500000	Series	1.24	1.10	.99
520-HCA300-S	3.000000	Series	1.24	1.10	.99
520-HCA327-17	3.276800	17pf	.80	.70	.63
520-HCA357-S	3.579545	Series	.80	.70	.63
520-HCA368-S	3.686400	Series	.80	.70	.63
520-HCA393-17	3.932160	17pf	.80	.70	.63
520-HCA400-S	4.000000	Series	.80	.70	.63
520-HCA403-20	4.032000	20pf	.80	.70	.63
520-HCA419-12	4.194304	12pf	.80	.70	.63
520-HCA443-20	4.433618	20pf	.80	.70	.63
520-HCA500-20	5.000000	20pf	.80	.70	.63
520-HCA500-S	5.000000	Series	.80	.70	.63
520-HCA506-20	5.068800	20pf	.80	.70	.63
520-HCA518-32	5.185000	32pf	.80	.70	.63
520-HCA518-S	5.185000	Series	.80	.70	.63
520-HCA599-20	5.990400	20pf	.80	.70	.63
520-HCA599-S	5.990400	Series	.80	.70	.63
520-HCA600-32	6.000000	32pf	.80	.70	.63
520-HCA600-S	6.000000	Series	.80	.70	.63
520-HCA614-32	6.144000	32pf	.80	.70	.63
520-HCA655-12	6.553600	12pf	.80	.70	.63
520-HCA768-20	7.680000	20pf	.80	.70	.63
520-HCA800-32	8.000000	32pf	.80	.70	.63
520-HCA800-S	8.000000	Series	.80	.70	.63
520-HCA921-S	9.216000	Series	.80	.70	.63
520-HCA983-20	9.830400	20pf	.80	.70	.63
520-HCA1073-S	10.738635	Series	.80	.70	.63
520-HCA1104-S	11.046000	Series	.80	.70	.63
520-HCA1105-32	11.059200	32pf	.80	.70	.63
520-HCA1105-S	11.059200	Series	.80	.70	.63
520-HCA1122-S	11.228000	Series	.80	.70	.63
520-HCA1152-S	11.520000	Series	.80	.70	.63
520-HCA1198-S	11.981350	Series	.80	.70	.63
520-HCA1200-32	12.000000	32pf	.80	.70	.63
520-HCA1209-S	12.096000	Series	.80	.70	.63
520-HCA1228-20	12.288000	20pf	.80	.70	.63
520-HCA1351-S	13.516800	Series	.80	.70	.63
520-HCA1469-S	14.690000	Series	.80	.70	.63
520-HCA1474-S	14.745600	Series	.80	.70	.63
520-HCA1601-18	16.000312	18pf	.80	.70	.63
520-HCA1800-20	18.000000	20pf	.80	.70	.63
520-HCA1800-S	18.000000	Series	.80	.70	.63
520-HCA1843-20	18.432000	20pf	.80	.70	.63
520-HCA2000-20	20.000000	20pf	.80	.70	.63
520-HCA2000-S	20.000000	Series	.80	.70	.63
520-HCA2400-S	24.000000	Series	.80	.70	.63
520-HCA2401-18	24.000140	18pf	.80	.70	.63
520-HCA3525-18	35.251200	18pf	.80	.70	.63
520-HCA3801-18	38.000530	18pf	.80	.70	.63
520-HCA4800-S	48.000000	Series	.80	.70	.63
520-HCA4986-20	49.860000	20pf	.80	.70	.63

HC-49/US

DIMENSIONS (IN.)

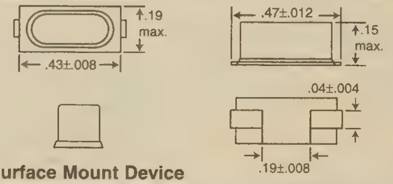


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each 1	10	100
520-HCU357-S	3.579545	Series	.78	.70	.60
520-HCU368-18	3.686400	18pf	.78	.70	.60
520-HCU409-30	4.096000	30pf	.78	.70	.60
520-HCU443-20	4.433618	20pf	.78	.70	.60
520-HCU500-20	5.000000	20pf	.78	.70	.60
520-HCU500-S	5.000000	Series	.78	.70	.60
520-HCU506-20	5.068800	20pf	.78	.70	.60
520-HCU506-S	5.068800	Series	.78	.70	.60
520-HCU518-32	5.185000	32pf	.78	.70	.60
520-HCU518-S	5.185000	Series	.78	.70	.60
520-HCU599-S	5.990400	Series	.78	.70	.60
520-HCU600-32	6.000000	32pf	.78	.70	.60
520-HCU600-S	6.000000	Series	.78	.70	.60
520-HCU614-32	6.144000	32pf	.78	.70	.60
520-HCU650-20	6.500000	20pf	.78	.70	.60
520-HCU655-S	6.553600	Series	.78	.70	.60
520-HCU768-20	7.680000	20pf	.78	.70	.60
520-HCU800-18	8.000000	18pf	.78	.70	.60
520-HCU800-32	8.000000	32pf	.78	.70	.60
520-HCU800-S	8.000000	Series	.78	.70	.60
520-HCU900-S	9.000000	Series	.78	.70	.60
520-HCU921-S	9.216000	Series	.78	.70	.60
520-HCU983-20	9.830400	20pf	.78	.70	.60
520-HCU983-S	9.830400	Series	.78	.70	.60
520-HCU1000-S	10.000000	Series	.78	.70	.60
520-HCU1100-S	11.000000	Series	.78	.70	.60
520-HCU1105-32	11.059200	32pf	.78	.70	.60
520-HCU1105-S	11.059200	Series	.78	.70	.60
520-HCU1152-S	11.520000	Series	.78	.70	.60
520-HCU1200-S	12.000000	Series	.78	.70	.60
520-HCU1201-18	12.000393	18pf	.78	.70	.60
520-HCU1209-S	12.096000	Series	.78	.70	.60
520-HCU1228-S	12.288000	Series	.78	.70	.60
520-HCU1296-18	12.960000	18pf	.78	.70	.60
520-HCU1474-20	14.745600	20pf	.78	.70	.60
520-HCU1474-S	14.745600	Series	.78	.70	.60
520-HCU1536-20	15.360000	20pf	.78	.70	.60
520-HCU1601-18	16.000312	18pf	.78	.70	.60
520-HCU1625-20	16.257000	20pf	.78	.70	.60
520-HCU1625-S	16.257000	Series	.78	.70	.60
520-HCU1800-S	18.000000	Series	.78	.70	.60
520-HCU1843-20	18.432000	20pf	.78	.70	.60
520-HCU1966-S	19.660800	Series	.78	.70	.60
520-HCU2400-16	24.000000	16pf	.78	.70	.60
520-HCU2400-S	24.000000	Series	.78	.70	.60
520-HCU2401-18	24.000140	18pf	.78	.70	.60

CSM-7

DIMENSIONS (IN.)



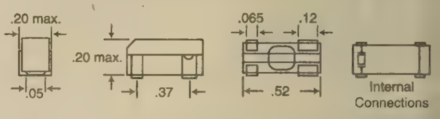
◆ **Surface Mount Device**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each 1	10	100
◆ 520-CSM357-17	3.579545	17pf	.99	.85	.67
◆ 520-CSM403-20	4.032000	20pf	.99	.85	.67
◆ 520-CSM409-20	4.096000	20pf	.99	.85	.67
◆ 520-CSM419-12	4.194304	12pf	.99	.85	.67
◆ 520-CSM491-S	4.915200	Series	.99	.85	.67
◆ 520-CSM500-20	5.000000	20pf	.99	.85	.67
◆ 520-CSM500-S	5.000000	Series	.99	.85	.67
◆ 520-CSM600-32	6.000000	32pf	.99	.85	.67
◆ 520-CSM600-S	6.000000	Series	.99	.85	.67
◆ 520-CSM614-32	6.144000	32pf	.99	.85	.67
◆ 520-CSM655-S	6.553600	Series	.99	.85	.67
◆ 520-CSM737-20	7.372800	20pf	.99	.85	.67
◆ 520-CSM800-32	8.000000	32pf	.99	.85	.67
◆ 520-CSM800-S	8.000000	Series	.99	.85	.67
◆ 520-CSM921-S	9.216000	Series	.99	.85	.67
◆ 520-CSM1000-S	10.000000	Series	.99	.85	.67
◆ 520-CSM1105-32	11.059200	32pf	.99	.85	.67
◆ 520-CSM1105-S	11.059200	Series	.99	.85	.67
◆ 520-CSM1200-S	12.000000	Series	.99	.85	.67
◆ 520-CSM1201-18	12.000393	18pf	.99	.85	.67
◆ 520-CSM1228-20	12.288000	20pf	.99	.85	.67
◆ 520-CSM1228-S	12.288000	Series	.99	.85	.67
◆ 520-CSM1431-S	14.318180	Series	.99	.85	.67
◆ 520-CSM1600-20	16.000000	20pf	.99	.85	.67
◆ 520-CSM1600-S	16.000000	Series	.99	.85	.67
◆ 520-CSM1843-S	18.432000	Series	.99	.85	.67
◆ 520-CSM2000-20	20.000000	20pf	.99	.85	.67

ECX-3A

DIMENSIONS (IN.)

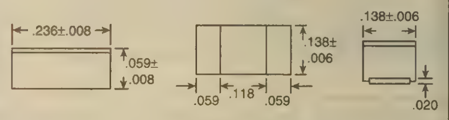


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Load Cap.	Price Each 1	10	100
◆ 520-ECX491-S	4.915200	Series	1.99	1.59	1.35
◆ 520-ECX614-32	6.144000	32pf	1.99	1.59	1.35
◆ 520-ECX655-12	6.553600	12pf	1.99	1.59	1.35
◆ 520-ECX1200-S	12.000000	Series	1.99	1.59	1.35
◆ 520-ECX1228-S	12.288000	Series	1.99	1.59	1.35
◆ 520-ECX1431-20	14.318180	20pf	1.99	1.59	1.35
◆ 520-ECX1843-S	18.432000	Series	1.99	1.59	1.35
◆ 520-ECX1966-20	19.660800	20pf	1.99	1.59	1.35
◆ 520-ECX1966-S	19.660800	Series	1.99	1.59	1.35
◆ 520-ECX2000-16	20.000000	16pf	1.99	1.59	1.35
◆ 520-ECX2000-S	20.000000	Series	1.99	1.59	1.35

ECX-6

DIMENSIONS (IN.)

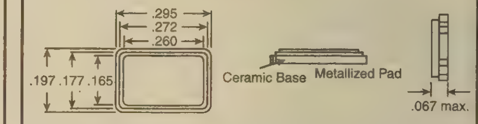


For quantities greater than listed, call for quote.

◆ 520-ECW1500-S	15.000000	Series	4.74	4.27	3.79
◆ 520-ECW1773-S	17.734475	Series	4.74	4.27	3.79
◆ 520-ECW1800-S	18.000000	Series	4.74	4.27	3.79
◆ 520-ECW2400-S	24.000000	Series	4.74	4.27	3.79

CSM-12

DIMENSIONS (IN.)

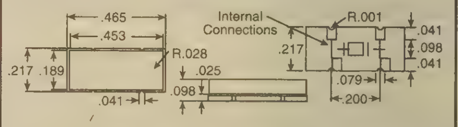


For quantities greater than listed, call for quote.

◆ 520-CSR357-17	3.579545	17pf	1.54	1.44	1.39
◆ 520-CSR983-20	9.830400	20pf	1.54	1.44	1.39
◆ 520-CSR1105-S	11.059200	Series	1.54	1.44	1.39
◆ 520-CSR1200-S	12.000000	Series	1.54	1.44	1.39
◆ 520-CSR1431-S	14.318180	Series	1.54	1.44	1.39
◆ 520-CSR1843-S	18.432000	Series	1.54	1.44	1.39
◆ 520-CSR1966-S	19.660800	Series	1.54	1.44	1.39
◆ 520-CSR2000-S	20.000000	Series	1.54	1.44	1.39

CSM-8A

DIMENSIONS (IN.)



∗ 3rd Overtone

For quantities greater than listed, call for quote.

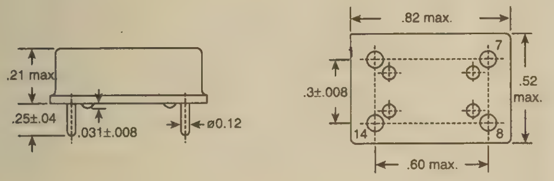
◆ 520-CSQ1000-S	10.000000	Series	3.04	2.85	2.45
◆ 520-CSQ1105-20	11.059200	20pf	3.04	2.85	2.45
◆ 520-CSQ1431-S	14.318180	Series	3.04	2.85	2.45
◆ 520-CSQ1966-S	19.660800	Series	3.04	2.85	2.45
◆ 520-CSQ2000-S	20.000000	Series	3.04	2.85	2.45
◆ 520-CSQ2400-20	24.000000	20pf	3.04	2.85	2.45
◆ 520-CSQ3000-S	30.000000	Series	3.04	2.85	2.45
◆ 520-CSQ3000A-S	∗30.000000	Series	3.04	2.85	2.45
◆ 520-CSQ3200A-S	∗32.000000	Series	3.04	2.85	2.45
◆ 520-CSQ3300A-S	∗33.000000	Series	3.04	2.85	2.45
◆ 520-CSQ3600-S	36.000000	Series	3.04	2.85	2.45
◆ 520-CSQ4000A-S	∗40.000000	Series	3.04	2.85	2.45

FULL SIZE (TTL) CLOCK OSCILLATORS

Specifications:

- Frequency tolerance: ±100ppm
- Operating temperature range: 0°C to +70°C
- Power supply voltage: 5VDC ±.05V
- Symmetry: 60/40 to 40/60 @ 1.4VDC level

DIMENSIONS (IN.)



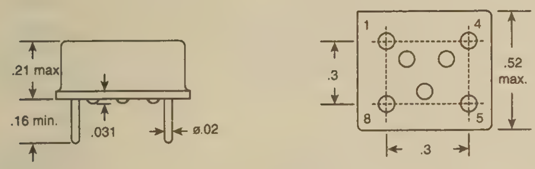
MOUSER STOCK NO.	Frequency (MHz)	Current Consumption mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
520-TCF100	1.000000	30	15	2.36	2.16	1.96
520-TCF122	1.228800	30	15	2.36	2.16	1.96
520-TCF200	2.000000	30	15	2.36	2.16	1.96
520-TCF357	3.579545	30	15	2.36	2.16	1.96
520-TCF368	3.686400	30	15	2.36	2.16	1.96
520-TCF400	4.000000	30	15	2.36	2.16	1.96
520-TCF491	4.915200	30	15	2.36	2.16	1.96
520-TCF500	5.000000	30	15	2.36	2.16	1.96
520-TCF506	5.068800	30	15	2.36	2.16	1.96
520-TCF600	6.000000	30	15	2.36	2.16	1.96
520-TCF614	6.144000	30	15	2.36	2.16	1.96
520-TCF921	9.216000	30	10	2.36	2.16	1.96
520-TCF983	9.830400	30	10	2.36	2.16	1.96
520-TCF1000	10.000000	30	10	2.36	2.16	1.96
520-TCF1105	11.059200	30	10	2.36	2.16	1.96
520-TCF1431	14.318180	30	10	2.36	2.16	1.96
520-TCF1625	16.257000	30	10	2.36	2.16	1.96
520-TCF1800	18.000000	30	10	2.36	2.16	1.96
520-TCF1843	18.432000	30	10	2.36	2.16	1.96
520-TCF1966	19.660800	30	10	2.36	2.16	1.96
520-TCF2400	24.000000	35	10	2.36	2.16	1.96
520-TCF2832	28.322000	35	10	2.36	2.16	1.96
520-TCF3000	30.000000	35	10	2.36	2.16	1.96
520-TCF3500	35.000000	35	6	2.36	2.16	1.96
520-TCF6666	66.666000	35	6	2.36	2.16	1.96

HALF SIZE (TTL/CMOS) CLOCK OSCILLATORS

Specifications:

- Frequency tolerance: ±100ppm
- Operating temperature range: 0°C to + 70°C
- Power supply voltage: 5VDC ±.05V
- Symmetry: >9.99Mhz: 45/55 to 55/45

DIMENSIONS (IN.)

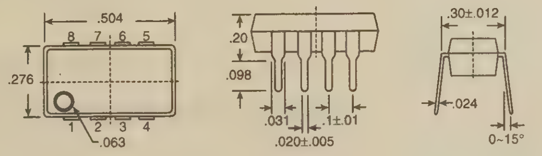


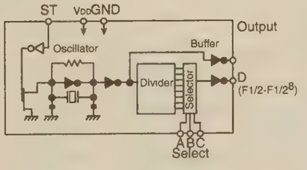
MOUSER STOCK NO.	Frequency (MHz)	Current Consumption mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
520-TCH122	1.228800	10	15	2.63	2.36	1.89
520-TCH184	1.843200	10	15	2.63	2.36	1.89
520-TCH200	2.000000	10	15	2.63	2.36	1.89
520-TCH357	3.579545	10	15	2.63	2.36	1.89
520-TCH400	4.000000	10	15	2.63	2.36	1.89
520-TCH506	5.068800	10	15	2.63	2.36	1.89
520-TCH600	6.000000	10	15	2.63	2.36	1.89
520-TCH614	6.144000	10	15	2.63	2.36	1.89
520-TCH921	9.216000	10	15	2.63	2.36	1.89
520-TCH983	9.830400	10	15	2.63	2.36	1.89
520-TCH1000	10.000000	10	15	2.63	2.36	1.89
520-TCH1105	11.059200	10	15	2.63	2.36	1.89
520-TCH1200	12.000000	10	15	2.63	2.36	1.89
520-TCH1431	14.318180	10	15	2.63	2.36	1.89
520-TCH1625	16.257000	10	15	2.63	2.36	1.89
520-TCH1800	18.000000	10	15	2.63	2.36	1.89
520-TCH1843	18.432000	10	15	2.63	2.36	1.89
520-TCH1966	19.660800	10	15	2.63	2.36	1.89
520-TCH2000	20.000000	10	15	2.63	2.36	1.89
520-TCH2500	25.000000	30	6	2.63	2.36	1.89
520-TCH2832	28.322000	30	6	2.63	2.36	1.89
520-TCH3000	30.000000	30	6	2.63	2.36	1.89
520-TCH3251	32.514000	30	6	2.63	2.36	1.89
520-TCH4800	48.000000	30	6	2.63	2.36	1.89
520-TCH6400	64.000000	30	6	2.63	2.36	1.89
520-TCH6666	66.666000	30	6	2.63	2.36	1.89

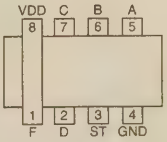
DUAL OUTPUT CLOCK OSCILLATORS

Specifications:

- Supply current: 20mA max. @ 25°C
- Operating temperature: -10°C to +70°C
- Symmetry: 50±10%
- Current consumption: 1mA







MOUSER STOCK NO.	Frequency (MHz)	Rise/Fall Time (Max.) (nS)	Price Each		
			1	10	100
520-DCO1200	12.000000	15	3.23	3.03	2.93
520-DCO1228	12.288000	15	3.23	3.03	2.93
520-DCO1280	12.800000	15	3.23	3.03	2.93
520-DCO1431	14.318180	15	3.23	3.03	2.93
520-DCO1474	14.745600	15	3.23	3.03	2.93
520-DCO1600	16.000000	15	3.23	3.03	2.93
520-DCO1638	16.384000	15	3.23	3.03	2.93
520-DCO1773	17.734475	15	3.23	3.03	2.93
520-DCO1843	18.432000	15	3.23	3.03	2.93
520-DCO1966	19.660800	15	3.23	3.03	2.93
520-DCO2000	20.000000	15	3.23	3.03	2.93
520-DCO2400	24.000000	15	3.23	3.03	2.93

Pin Connection	
1	Output
2	Dividing Ratio
3	Standby
4	GND
5	A (Programming)
6	B (Programming)
7	C (Programming)
8	VDD (5V)

Input				Output	
Select			ST	F (Original Freq.)	D (Divided Waveform)
C	B	A			
x	x	x	L	L	L
L	L	L	H	fo clock	fo 2 clock
L	L	H	H	fo clock	fo 1/2^2 clock
L	H	L	H	fo clock	fo 1/2^3 clock
L	H	H	H	fo clock	fo 1/2^4 clock
H	L	L	H	fo clock	fo 1/2^5 clock
H	L	H	H	fo clock	fo 1/2^6 clock
H	H	L	H	fo clock	fo 1/2^7 clock
H	H	H	H	fo clock	fo 1/2^8 clock

Ceramic Resonators, Filters, and Tuning Fork Crystals

muRata CSB SERIES CERAMIC RESONATORS

NEW IN 2001

The CSB Series of ceramic resonators is designed to provide the design engineer with a rugged, relatively low frequency device in the frequency range of 375kHz to 1250kHz. Initial frequency tolerance is +/-0.5% which compares very favorably to the nominal +/-2%-3% requirements of one chip microprocessors. The CSB Series utilizes the area vibration mode of the piezoelectric ceramic element.

MOUSER STOCK NO.	Fig.	Murata Part No.	Freq. (kHz)	Tolerance	Price Each			
					1	10	100	500
81-CSB1000J	A	CSB1000J	1000	0.50%	.89	.84	.80	.70
81-CSB400J	A	CSB400J	400	0.50%	1.39	1.32	1.24	1.08
81-CSB400P	B	CSB400P	400	0.50%	.72	.68	.64	.56
81-CSB455E	B	CSB455E	455	0.50%	.67	.64	.60	.52
81-CSB455J	A	CSB455J	455	0.50%	1.15	1.09	1.02	.90
81-CSB480E	B	CSB480E	480	0.50%	.67	.64	.60	.52
81-CSB480J	A	CSB480J	480	0.50%	1.15	1.09	1.02	.90
81-CSB500E	B	CSB500E	500	0.50%	.71	.67	.63	.55
81-CSB500J	A	CSB500J	500	0.50%	1.15	1.09	1.02	.90
81-CSB640JR	A	CSB640JR	640	0.50%	1.39	1.32	1.24	1.08
81-CSB800J	A	CSB800J	800	0.50%	1.05	.99	.93	.81

CST SERIES CERAMIC RESONATORS

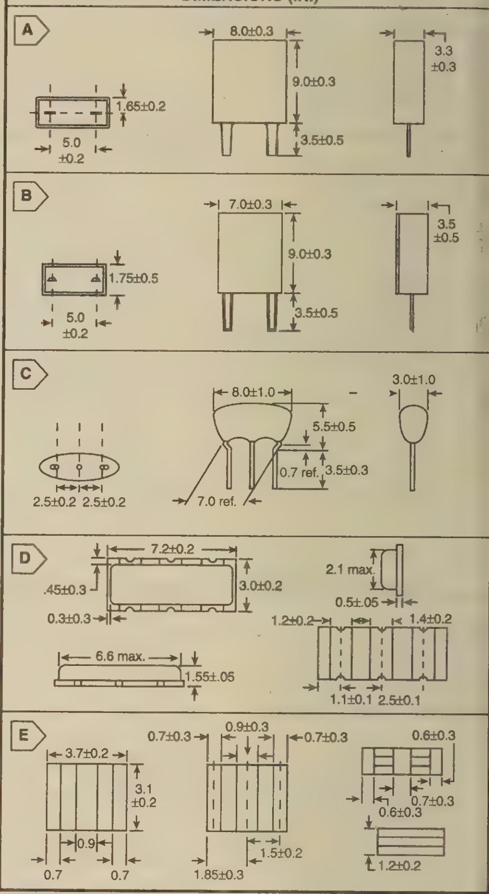
NEW IN 2001

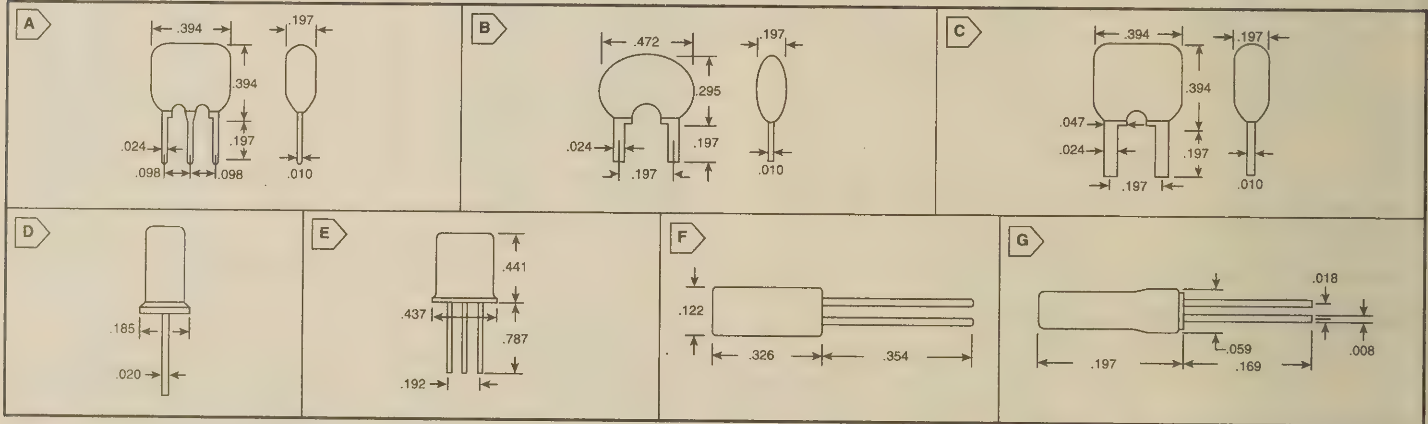
The CST Series of ceramic resonators feature a bulit-in load capacitance. This feature eliminates any need for external loading capacitors and reduces component count, increases reliability and reduces size. These units are offered in the frequency range from 1.80MHz to 60.00MHz with an initial frequency tolerance of +/- 0.5%.

◆ **Surface Mount Device**

MOUSER STOCK NO.	Fig.	Murata Part No.	Freq. (MHz)	Tolerance	Price Each			
					1	10	100	500
81-CSTLS2M00G53-B0	C	CSTLS2M00G53-B0	2.00	50%	.63	.60	.56	.49
81-CSTS0358MG03	C	CSTS0358MG03	3.58	0.50%	.45	.42	.40	.35
81-CSTS0400MG03	C	CSTS0400MG03	4.00	0.50%	.45	.42	.40	.35
81-CSTS0600MG03	C	CSTS0600MG03	6.00	0.50%	.45	.42	.40	.35
81-CSTS0800MG03	C	CSTS0800MG03	8.00	0.50%	.53	.50	.47	.41
81-CSTS1000MG03	C	CSTS1000MG03	1000	0.50%	.60	.57	.53	.47
81-CSTLS16M0X53-B0	C	CSTLS16M0X53-B0	16.0	0.50%	.97	.92	.86	.76
◆ 81-CSTCC2.0MG-TC	D	CSTCC2.0MG-TC	2.00	0.50%	.97	.91	.86	.75
◆ 81-CSTCC3.58MG-TC	D	CSTCC3.58MG-TC	3.58	0.50%	.75	.71	.67	.59
◆ 81-CSTCR4M00G53-B0	D	CSTCR4M00G53-B0	4.00	0.50%	.86	.81	.77	.67
◆ 81-CSTCR4M19G53-B0	D	CSTCR4M19G53-B0	4.19	0.50%	.74	.70	.66	.58
◆ 81-CSTCR4M91G53-B0	D	CSTCR4M91G53-B0	4.91	0.50%	.76	.72	.68	.59
◆ 81-CSTCR5M00G53-B0	D	CSTCR5M00G53-B0	5.00	0.50%	.86	.81	.77	.67
◆ 81-CSTCR6M00G53-B0	D	CSTCR6M00G53-B0	6.00	0.50%	.75	.71	.67	.59
◆ 81-CSTCC6.00MG-TC	D	CSTCC6.00MG-TC	6.00	0.50%	.74	.70	.66	.58
◆ 81-CSTCC8.00MG-TC	D	CSTCC8.00MG-TC	8.00	0.50%	.81	.77	.72	.63
◆ 81-CSTCC10.00MG-TC	D	CSTCC10.00MG-TC	10.0	0.50%	1.15	1.09	1.03	.90
◆ 81-CSTCV12.00MTJ0C4	E	CSTCV12.00MTJ0C4-TC	12.0	0.50%	1.34	1.27	1.19	1.05
◆ 81-CSTCV16.00MX40C4	E	CSTCV16.00MX40C4-TC	16.0	0.50%	1.47	1.39	1.31	1.15

DIMENSIONS (IN.)





ECS INC. INTERNATIONAL CERAMIC RESONATORS

- Operating temp.: -20°C to +80°C
- Frequency accuracy (@25°C): ±0.5%
- Aging for 10 years: ±0.3%

MOUSER STOCK NO.	Fig.	Frequency (MHz)	Built-In Capacitance	Price Each		
				1	10	100
520-ZTT358MG	A	3.580000	30pf	.54	.46	.40
520-ZTT400MG	A	4.000000	30pf	.54	.46	.40
520-ZTT600MT	A	6.000000	30pf	.54	.46	.40
520-ZTT800MT	A	8.000000	30pf	.54	.46	.40
520-ZTT1000MT	A	10.000000	30pf	.54	.46	.40
520-ZTT1200MT	A	12.000000	30pf	.54	.46	.40
520-ZTT1600MX	A	16.000000	30pf	.54	.46	.40
520-ZTT2000MX	A	20.000000	30pf	.54	.46	.48
520-ZTA358MG	B	3.580000	None	.43	.37	.32
520-ZTA400MG	B	4.000000	None	.43	.37	.32
520-ZTA600MT	C	6.000000	None	.43	.37	.32
520-ZTA800MT	C	8.000000	None	.43	.37	.32
520-ZTA1000MT	C	10.000000	None	.43	.37	.32
520-ZTA1200MT	C	12.000000	None	.43	.37	.32
520-ZTA1600MX	C	16.000000	None	.43	.37	.32
520-ZTA2000MX	C	20.000000	None	.43	.37	.32

ECS INC INTERNATIONAL 10.7 kHz MONOLYTHIC CRYSTAL FILTERS

Specifications:

- Operating temp.: -20°C to +70°C

MOUSER STOCK NO.	Fig.	Center Frequency (kHz)	No. of Poles	Pass Band 3 dB min. (kHz)	Ripple Max (dB)	Insertion Loss Max (dB)	Price Each		
							1	10	100
520-107-7.5A	D	10.7	2	3.75	0.5	1.5	3.30	2.97	2.80
520-107-7.5B	D	10.7	4	3.75	1.0	2.5	7.50	6.75	6.38
520-107-15A	E	10.7	2	7.5	0.5	2.0	2.00	1.80	1.70
520-107-15B	E	10.7	4	7.5	1.0	2.5	4.00	3.60	3.40

ECS INC INTERNATIONAL TUNING FORK CRYSTALS

- Operating temp.: -10°C to +60°C
- Frequency tolerance: 0.032768MHz = ±20ppm; 1.000000MHz = ±3000ppm

MOUSER STOCK NO.	Fig.	Frequency	Load Capacitance	Price Each		
				1	10	100
520-TFC3X8	F	32.768 kHz	12.5	.30	.27	.21
520-TFC327	G	32.768 kHz	8	2.63	2.35	1.89
520-TFC100	G	1.000000 MHz	8	7.15	6.45	5.15

LEADED EMI SUPPRESSION FILTER COMPACT DISC-TYPE

DS306 and DSS306 Series

NEW!

Applications:
- Computer and peripherals interfaces
- Compact digital equipment
- Compact PPC, electronic typewriters, other electronic equipment and appliancès
- Helps all electronic equipment and appliances meet FCC, VDE and CISPR regulations
- STD footprint for high density mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Murata Part No.	Capacitance pF	Capacitor		Ferrite Beads	Price Each			
				W.V	T.C.		1	100	250	500
81-DS306Y5S470M50	A	DS306-55Y5S470M50	47	50	20%	None	.80	.44	.32	.30
81-DS306Y5S101M50	B	DS306-55Y5S101M50	100	50	20%	None	.70	.39	.29	.26
81-DS306FZ103Z50	B	DS306-55FZ103Z50	10000	50	80%-20%	None	.70	.39	.29	.26
81-DSS306Y5S470M100	A	DSS306-55Y5S470M100	47	100	20%	Internal	.90	.50	.36	.34
81-DSS306Y5S101M100	A	DSS306-55Y5S101M100	100	100	20%	Internal	.80	.44	.32	.30
81-DSS306Y5S271M100	A	DSS306-55Y5S271M100	270	100	20%	Internal	.90	.50	.36	.34
81-DSS306Y5S471M100	A	DSS306-55Y5S471M100	470	100	20%	Internal	.90	.50	.36	.34
81-DSS306Y5S102M100	A	DSS306-55Y5S102M100	1000	100	20%	Internal	.90	.50	.36	.34
81-DSS306Y5U222Z100	A	DSS306-55Y5U222Z100	2200	100	80%-20%	Internal	.90	.50	.36	.34

DSS310 and DST310 Series

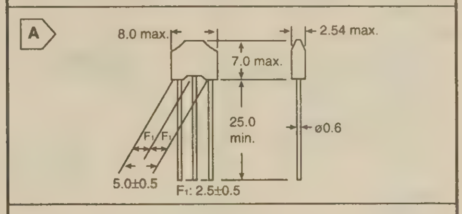
NEW!

Disc-type EMIFIL®, DSS310 and DST310 are T-type EMI suppression filters. The disc-type EMIFIL increases the self-resonant frequency of the capacitor by attaching two lead wires to one of the electrodes of the capacitor and increases the insertion loss by adding inductance to the lead in the DST and DSS types only. Frequencies to be suppressed can be selected by choosing the capacitance. They are also recommended for use as by-pass capacitors.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Murata Part No.	Capacitance pF	Capacitor		Ferrite Beads	Price Each			
				W.V	T.C.		1	100	200	500
81-DSS310Y5S220M100	C	DSS310-55Y5S220M100	22	100	20%	Internal	1.10	.61	.44	.41
81-DSS310Y5S470M100	C	DSS310-55Y5S470M100	47	100	20%	Internal	1.10	.61	.44	.41
81-DSS310Y5S271M100	C	DSS310-555S271M100	270	100	20%	Internal	1.10	.61	.44	.41
81-DSS310Y5S222M100	C	DSS310-55Y5S222M100	2200	100	20%	Internal	1.10	.61	.44	.41
81-DSS310BL222M100	C	DSS310-55BL222M100	2200	100	20%	Internal	1.10	.61	.44	.41
81-DSS310Y5S223S50	C	DSS310-55Y5S223S50	22000	50	50%-20%	Internal	1.10	.61	.44	.41
81-DST310Y5S271M100	D	DST310-55Y5S271M100	270	100	20%	External	1.20	.66	.48	.45
81-DST310Y5S222M100	D	DST310-55Y5S222M100	2200	100	20%	External	1.20	.66	.48	.45
81-DST310Y5S223S50	D	DST310-55Y5S223S50	22000	50	50%-20%	External	1.20	.66	.48	.45

DIMENSIONS (mm)

A


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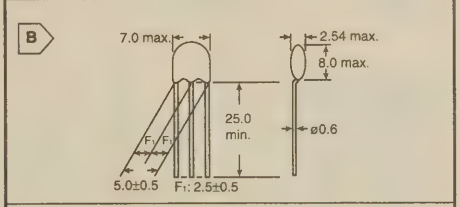

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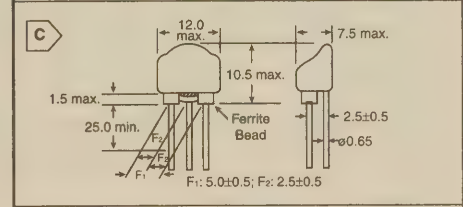

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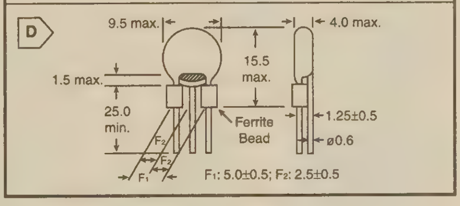


SURFACE MOUNT EMI FILTERS CHIP FERRITE BEADS

BLM_ _A Series Designed for Standard Type Signals

NEW!

Features:
- Suitable for flow and reflow soldering
- Wide temperature range
- High Z characteristics

Applications:
- I/O ports, DC power lines, and signal lines

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Case Code	Imped. 100MHz	DCR Ω Max.	Rated Current (mA)	Price Each		
						1	500	1000
81-BLM11A121S	BLM11A121SPT	0603	120	0.2	200	.13	.08	.07
81-BLM11A221S	BLM11A221SPT	0603	220	0.3	200	.13	.08	.07
81-BLM11A601S	BLM11A601SPT	0603	600	0.5	200	.13	.08	.07
81-BLM11A102S	BLM11A102SPT	0603	1000	0.7	100	.13	.08	.07
81-BLM21A121S	BLM21A121SPT	0805	120	0.15	200	.20	.10	.09
81-BLM21A401S	BLM21A401SPT	0805	400	0.85	200	.20	.10	.09
81-BLM21A601S	BLM21A601SPT	0805	600	0.3	200	.20	.10	.09
81-BLM31A260S	BLM31A260SPT	1206	26	0.05	500	.28	.16	.15
81-BLM31A700S	BLM31A700SPT	1206	70	0.15	200	.28	.16	.15
81-BLM31A601S	BLM31A601SPT	1206	600	0.9	200	.28	.16	.15
81-BLM41A800S	BLM41A800SPT	1806	80	0.1	500	.42	.30	.26
81-BLM41A151S	BLM41A151SPT	1806	150	0.5	200	.42	.30	.26

BLM_ _B Series Designed for High Speed Signals

NEW!

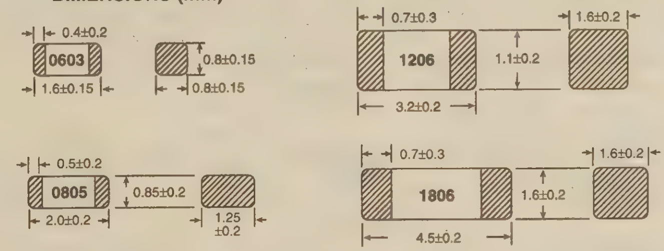
Features:
- Designed to reduce noise above operating frequencies from 10 to 100MHz
- High impedance characteristics
- Small size
- Suitable for flow and reflow soldering

Applications:
- Computers and peripheral equipment
- Consumer products
- High speed circuits
- Suitable for circuits with unstable ground

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Case Code	Imped. 100MHz	DCR Ω Max.	Rated Current (mA)	Price Each		
						1	500	1000
81-BLM11B750S	BLM11B750SPT	0603	75	0.35	200	.13	.08	.07
81-BLM11B141S	BLM11B141SPT	0603	140	0.55	200	.13	.08	.07
81-BLM11B421S	BLM11B421SPT	0603	420	0.55	200	.13	.08	.07
81-BLM11B601S	BLM11B601SPT	0603	600	0.65	200	.13	.08	.07
81-BLM21B050S	BLM21B050SPT	0805	5	0.07	500	.20	.10	.09
81-BLM21B750S	BLM21B750SPT	0805	75	0.25	200	.20	.10	.09
81-BLM21B201S	BLM21B201SPT	0805	200	0.35	200	.20	.10	.09
81-BLM21B601S	BLM21B601SPT	0805	600	0.35	200	.20	.10	.09
81-BLM21B102S	BLM21B102SPT	0805	1000	0.4	200	.20	.10	.09
81-BLM21B222S	BLM21B222SPT	0805	2200	0.6	200	.29	.15	.14
81-BLM21B751S	BLM21B751SPT	0805	750	0.4	200	.20	.10	.09
81-BLM31B601S	BLM31B601SPT	1206	600	0.35	200	.28	.16	.15

DIMENSIONS (mm)



BLM_ _P Series Designed for Low DCR High Current

NEW!

Features:
- Suitable high frequency noise suppression over wide frequency range
- Current rating up to 6A
- Small package size - EIA STD 063/085/1206 and 1806
- Nickel barrier terminations provide excellent solder heat resistance
- Low DCR

Applications:
- High current DC power lines
- Circuits where a stable ground is unavailable

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Case Code	Imped. 100MHz	DCR Ω Max.	Rated Current (mA)	Price Each		
						1	500	1000
81-BLM11P300S	BLM11P300SPT	0603	30	0.06	1000	.13	.08	.07
81-BLM11P600S	BLM11P600SPT	0603	60	0.1	500	.13	.08	.07
81-BLM31P500S	BLM31P500SPT	1206	50	0.025	3000	.28	.16	.15
81-BLM41P600S	BLM41P600SPT	1806	60	0.01	6000	.42	.30	.26
81-BLM41P750S	BLM41P750SPT	1806	75	0.025	3000	.42	.30	.26
81-BLM41P800S	BLM41P800SPT	1806	80	0.1	1000	.42	.30	.26

BLM_ _HA/HB Series Designed for UHF Applications

NEW!

Features:
- High impedance in the GHz range
- Small size
- Suitable for circuits with unstable ground

Applications for BLM11A:
- I/O ports
- Signal lines

Applications for BLM11B:
- Computers and peripheral equipment
- High speed circuits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Case Code	Imped. 100MHz	DCR Ω Max.	Rated Current (mA)	Price Each		
						1	500	1000
81-BLM11HA471SG	BLM11HA471SGPT	0603	470	0.85	200	.25	.16	.12
81-BLM11HA102SG	BLM11HA102SGPT	0603	1000	1.6	200	.25	.16	.12
81-BLM11HA601SG	BLM11HA601SGPT	0603	600	1	200	.25	.16	.12
81-BLM11HB601SD	BLM11HB601SDPT	0603	600	1.5	100	.25	.16	.12

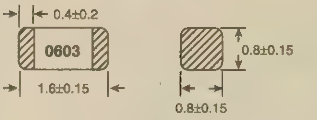
LQG11A SERIES MONOLITHIC AIR CORE

Features:

- High-Q characteristics
- Small size 0603 is suitable for small portable equipment, especially card size equipment
- Test frequency: 100MHz
- Operating temperature range: -40°C to +85°C
- The external electrodes with nickel barrier structure provide excellent solder heat resistance

NEW!

DIMENSIONS (mm)



Applications:

- High frequency circuit of telecommunication equipment

For quantities greater than listed, call for quote.

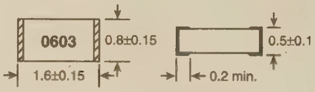
MOUSER STOCK NO.	Murata Part No.	EIA Size	Value	Tol.	Price Each			
					1	100	250	500
81-LQG11A1N5S00	LQG11A1N5S00T1	0603	1.5nH	0.3nH	.43	.28	.23	.20
81-LQG11A2N2S00	LQG11A2N2S00T1	0603	2.2nH	0.3nH	.43	.28	.23	.20
81-LQG11A2N7S00	LQG11A2N7S00T1	0603	2.7nH	0.3nH	.43	.28	.23	.20
81-LQG11A3N3S00	LQG11A3N3S00T1	0603	3.3nH	0.3nH	.43	.28	.23	.20
81-LQG11A3N9S00	LQG11A3N9S00T1	0603	3.9nH	0.3nH	.43	.28	.23	.20
81-LQG11A4N7S00	LQG11A4N7S00T1	0603	4.7nH	0.3nH	.43	.28	.23	.20
81-LQG11A10NJ00	LQG11A10NJ00T1	0603	10nH	5%	.43	.28	.23	.20
81-LQG11A15NJ00	LQG11A15NJ00T1	0603	15nH	5%	.43	.28	.23	.20
81-LQG11A33NJ00	LQG11A33NJ00T1	0603	33nH	5%	.43	.28	.23	.20

LQP11A SERIES THIN PROFILE AIR CORE

Comprised of chip coils with a tight inductance tolerance, achieved in a small chip area. Murata achieves this by forming the coil with precision film technology. This coil is excellent in the high-frequency circuits of telecommunication equipment.

NEW!

- Tight tolerance enables assembly without tuning
- High SRF due to low stray capacitance provides stable inductance in high frequency circuits
- Test frequency: 500MHz
- Operating temperature range: -40°C to +85°C
- The external electrodes with nickel barrier structure provide excellent solder heat resistance



MOUSER STOCK NO.	Murata Part No.	EIA Size	Value	Tol.	Price Each			
					1	100	200	500
81-LQP11A6N8C00	LQP11A6N8C00T1	0603	6.8nH	±0.2nH	.43	.28	.23	.20
81-LQP11A8N2C00	LQP11A8N2C00T1	0603	8.2nH	±0.2nH	.43	.28	.23	.20
81-LQP11A10NG00	LQP11A10NG00T1	0603	10nH	2%	.43	.28	.23	.20
81-LQP11A18NG00	LQP11A18NG00T1	0603	18nH	2%	.43	.28	.23	.20
81-LQP11A27NG00	LQP11A27NG00T1	0603	27nH	2%	.43	.28	.23	.20

LQG21C SERIES MAGNETIC SHIELDED CHOKE COIL

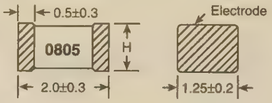
Features:

- The inductor has ultra low DC resistance
- Magnetically shielded construction provides excellent crosstalk characteristics
- Low inductance drift during soldering, environmental tests, etc
- Outstanding solder heat resistance. Either flow or reflow soldering

Applications:

- Low current power line (for choke use)

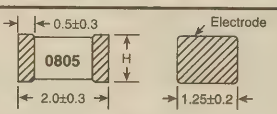
NEW!



DIMENSIONS (mm)

MOUSER STOCK NO.	Murata Part No.	EIA Size	Value	Tol.	Price Each			
					1	100	500	1000
81-LQG21C1R0N00	LQG21C1R0N00T1	0805	1.0uH	30%	.49	.32	.26	.23
81-LQG21C2R2N00	LQG21C2R2N00T1	0805	2.2uH	30%	.49	.32	.26	.23
81-LQG21C4R7N00	LQG21C4R7N00T1	0805	4.7uH	30%	.49	.32	.26	.23
81-LQG21C100N00	LQG21C100N00T1	0805	10uH	30%	.49	.32	.26	.23
81-LQG21C220N00	LQG21C220N00T1	0805	22uH	30%	.49	.32	.26	.23
81-LQG21C470N00	LQG21C470N00T1	0805	47uH	30%	.49	.32	.26	.23

LQG21N SERIES MAGNETIC SHIELDED GENERAL USE



NEW!

DIMENSIONS (mm)

Magnetically shielded chip coils developed with multilayer process technology and magnetic materials. It is one-quarter the size of conventional chip coils and has high reliability.

MOUSER STOCK NO.	Murata Part No.	EIA Size	Value	Tol.	Price Each			
					1	100	500	1000
81-LQG21NR10K10	LQG21NR10K10T1	0805	0.1uH	10%	.51	.33	.27	.24
81-LQG21NR15K10	LQG21NR15K10T1	0805	0.15uH	10%	.51	.33	.27	.24
81-LQG21NR22K10	LQG21NR22K10T1	0805	0.22uH	10%	.51	.33	.27	.24
81-LQG21NR39K10	LQG21NR39K10T1	0805	0.39uH	10%	.51	.33	.27	.24
81-LQG21NR47K10	LQG21NR47K10T1	0805	0.47uH	10%	.51	.33	.27	.24
81-LQG21NR56K10	LQG21NR56K10T1	0805	0.56uH	10%	.51	.33	.27	.24
81-LQG21NR82K10	LQG21NR82K10T1	0805	0.82uH	10%	.51	.33	.27	.24
81-LQG21N1R2K10	LQG21N1R2K10T1	0805	1.2uH	10%	.51	.33	.27	.24
81-LQG21N1R5K10	LQG21N1R5K10T1	0805	1.5uH	10%	.51	.33	.27	.24
81-LQG21N2R2K10	LQG21N2R2K10T1	0805	2.2uH	10%	.51	.33	.27	.24
81-LQG21N2R7K10	LQG21N2R7K10T1	0805	2.7uH	10%	.51	.33	.27	.24
81-LQG21N3R3K10	LQG21N3R3K10T1	0805	3.3uH	10%	.51	.33	.27	.24
81-LQG21N4R7K10	LQG21N4R7K10T1	0805	4.7uH	10%	.51	.33	.27	.24

LQH1C/3C/4C SERIES CHOKE

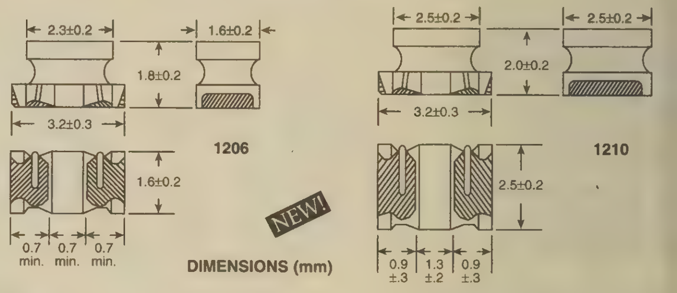
The LQHIC AND LQH3C Series are subminiature chip coils with low DC resistance, high current capacity and high impedance characteristics.

LQH1C:

- The sub-minature dimensions (3.2x1.6x1.8mm) allow parallel mounting on 2.5mm centers. At 0.12uH these coils have a maximum current rating of 970mA.

LQJH3C:

- The low DC resistance means high current and high inductance



DIMENSIONS (mm)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	EIA Size	Value	Tol.	Price Each			
					1	100	500	1000
81-LQH1C1R0M04	LQH1C1R0M04M00	1206	1.0uH	20%	.57	.52	.48	.43
81-LQH1C2R2M04	LQH1C2R2M04M00	1206	2.2uH	20%	.57	.52	.48	.43
81-LQH1C4R7M04	LQH1C4R7M04M00	1206	4.7uH	20%	.57	.52	.48	.43
81-LQH1C100K04	LQH1C100K04M00	1206	10uH	10%	.57	.52	.48	.43
81-LQH1C101K04	LQH1C101K04M00	1206	100uH	10%	.57	.52	.48	.43
81-LQH3C100K34	LQH3C100K34M00	1210	10uH	10%	.68	.44	.36	.32
81-LQH3C221K34	LQH3C221K34M00	1210	220uH	10%	.68	.44	.36	.32
81-LQH3C470K34	LQH3C470K34M00	1210	47uH	10%	.68	.44	.36	.32
81-LQH3C1R0M34	LQH3C1R0M34M00	1210	1.0uH	20%	.68	.44	.36	.32
81-LQH3C2R2M34	LQH3C2R2M34M00	1210	2.2uH	20%	.68	.44	.36	.32
81-LQH3C4R7M34	LQH3C4R7M34M00	1210	4.7uH	20%	.68	.44	.36	.32
81-LQH3C561K34	LQH3C561K34M00	1210	560uH	10%	.68	.44	.36	.32

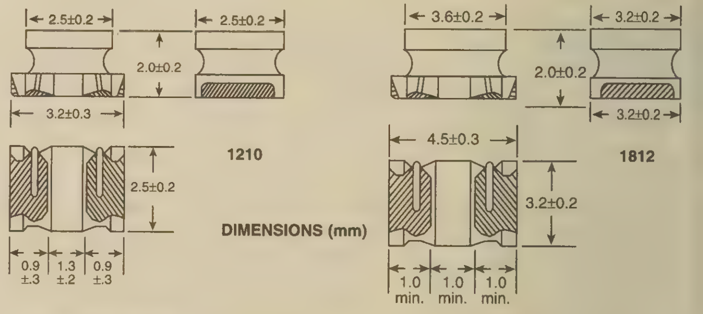
LQH3N/4N SERIES GENERAL USE

The LQH Series chip coil comprises subminiature chip inductors wound on a special ferrite core. These inductors have a high Q at high frequencies and low DC resistance making them suited for enhancing the performance of electronic circuits in video communications and audio equipment.

Features:

- Measurement frequency 1MHz
- Operating temperature range: -25°C to +85°C
- Available 10uH, up to 450mA

NEW!



DIMENSIONS (mm)

For quantities greater than listed, call for quote.

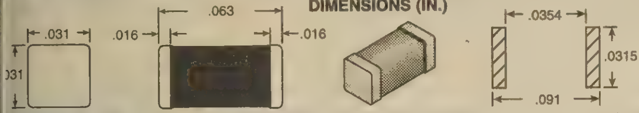
MOUSER STOCK NO.	Murata Part No.	EIA Size	Value	Tol.	Price Each			
					1	100	500	1000
81-LQH3N100J34	LQH3N100J34M00	1210	10uH	5%	.49	.40	.36	.32
81-LQH3N120J34	LQH3N120J34M00	1210	12uH	5%	.49	.44	.36	.32
81-LQH3N220J34	LQH3N220J34M00	1210	22uH	5%	.49	.44	.36	.32
81-LQH3N330J34	LQH3N330J34M00	1210	33uH	5%	.49	.44	.36	.32
81-LQH4N101J04	LQH4N101J04M00	1812	100uH	5%	.90	.70	.60	.45
81-LQH4N121J04	LQH4N121J04M00	1812	120uH	5%	.90	.70	.60	.45
81-LQH4N151J04	LQH4N151J04M00	1812	150uH	5%	.90	.70	.60	.45
81-LQH4N181J04	LQH4N181J04M00	1812	180uH	5%	.90	.70	.60	.45
81-LQH4N221J04	LQH4N221J04M00	1812	220uH	5%	.90	.70	.60	.45
81-LQH4N271J04	LQH4N271J04M00	1812	270uH	5%	.90	.70	.60	.45
81-LQH4N331J04	LQH4N331J04M00	1812	330uH	5%	.90	.70	.60	.45
81-LQH4N391J04	LQH4N391J04M00	1812	390uH	5%	.90	.70	.60	.45
81-LQH4N471J04	LQH4N471J04M00	1812	470uH	5%	.90	.70	.60	.45
81-LQH4N561J04	LQH4N561J04M00	1812	560uH	5%	.90	.70	.60	.45
81-LQH4N681J04	LQH4N 681J04M00	1812	680uH	5%	.90	.70	.60	.45
81-LQH4N821J04	LQH4N821J04M00	1812	820uH	5%	.90	.70	.60	.45
81-LQH4N102J04	LQH4N102J04M00	1812	1000uH	5%	.90	.70	.60	.45
81-LQH4N330J04	LQH4N330J04M00	1812	33uH	5%	.90	.70	.60	.45
81-LQH4N470J04	LQH4N 470J04M00	1812	47uH	5%	.90	.70	.60	.45
81-LQH4N100J04	LQH4N100J04M00	1812	10uH	5%	.90	.70	.60	.45
81-LQH4N150J04	LQH4N150J04M00	1812	15uH	5%	.90	.70	.60	.45
81-LQH4N220J04	LQH4N220J04M00	1812	22uH	5%	.90	.70	.60	.45

IMC-0603 COATED SURFACE MOUNT INDUCTORS

High self-resonant frequency values
High Q values relative to size at higher frequencies
Coated coil provides protection and moisture resistance
Compatible with vapor phase and infrared reflow soldering

- Inductance and Q measured on HP4191A
- SRF measured on HP8753B
- Temperature range: -40°C to +85°C
- Core material: non-magnetic

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (nH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 3000
								1	10	50	
70-IMC0603-2.2	2.2	±.3nH	8	100	6000	.09	500	.34	.28	.26	462.00
70-IMC0603-3.3	3.3	±.3nH	9	100	5500	.12	500	.34	.28	.26	462.00
70-IMC0603-4.7	4.7	±5%	9	100	4800	.17	450	.34	.28	.26	462.00
70-IMC0603-10	10	±5%	10	100	2800	.32	400	.34	.28	.26	462.00
70-IMC0603-22	22	±5%	10	100	2000	.50	300	.34	.28	.26	462.00
70-IMC0603-33	33	±5%	10	100	1800	.60	300	.34	.28	.26	462.00
70-IMC0603-47	47	±5%	11	100	1800	.95	250	.34	.28	.26	462.00
70-IMC0603-82	82	±5%	12	100	1500	1.5	250	.34	.28	.26	462.00
70-IMC0603-100	100	±5%	12	100	1300	1.8	200	.34	.28	.26	462.00

IMC-0805 MOLDED SURFACE MOUNT INDUCTORS

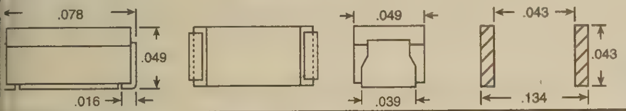
eatures:

High self-resonant frequency values
High Q values relative to size at higher frequencies
Molded construction provides superior strength and moisture resistance
Wirewound construction

Specifications:

- Inductance and Q measured on HP4191A
- SRF measured on HP8753B
- Temperature range: -40°C to +85°C
- Core material: non-magnetic

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (nH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 3000
								1	10	50	
70-IMC0805-10	10	±10%	10	100	3300	.14	540	.53	.43	.41	714.00
70-IMC0805-22	22	±10%	15	100	2600	.22	465	.53	.43	.41	714.00
70-IMC0805-33	33	±10%	15	100	2050	.30	395	.53	.43	.41	714.00
70-IMC0805-47	47	±10%	15	100	1650	.35	385	.53	.43	.41	714.00
70-IMC0805-100	100	±10%	8	25.2	800	.66	285	.53	.43	.41	714.00
70-IMC0805-220	220	±10%	10	25.2	500	1.41	170	.53	.43	.41	714.00
70-IMC0805-330	330	±10%	10	25.2	200	1.66	160	.53	.43	.41	714.00
70-IMC0805-470	470	±10%	10	25.2	150	1.97	145	.53	.43	.41	714.00
70-IMC0805-1000	1000	±10%	8	7.96	80	2.98	120	.53	.43	.41	714.00

IMC-1210 MOLDED SURFACE MOUNT INDUCTORS

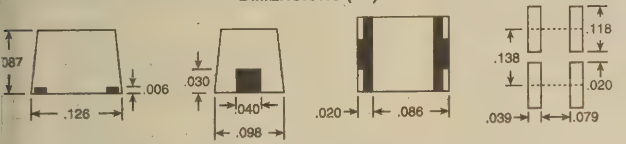
eatures:

Printed marking
Compatible with vapor phase and infrared reflow soldering
Molded construction provides superior strength and moisture resistance

Specifications:

- Temperature range: -55°C to +125°C
- Core material: non-magnetic for .10µH, powered iron for .22µH to 100µH

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (µH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 2000
								1	10	50	
70-IMC1210-.10	.10	±20%	30	50.0	700.0	.44	450	.43	.35	.33	359.00
70-IMC1210-.22	.22	±20%	30	25.2	350.0	.32	484	.43	.35	.33	359.00
70-IMC1210-.47	.47	±20%	30	25.2	220.0	.50	450	.43	.35	.33	359.00
70-IMC1210-1.0	1.0	±10%	30	7.96	120.0	.70	400	.39	.31	.30	317.50
70-IMC1210-1.8	1.8	±10%	30	7.96	80.0	.90	350	.39	.31	.30	317.50
70-IMC1210-2.2	2.2	±10%	30	7.96	75.0	1.0	320	.39	.31	.30	317.50
70-IMC1210-2.7	2.7	±10%	30	7.96	70.0	1.1	290	.39	.31	.30	317.50
70-IMC1210-3.3	3.3	±10%	30	7.96	60.0	1.2	260	.39	.31	.30	317.50
70-IMC1210-4.7	4.7	±10%	30	7.96	50.0	1.5	224	.39	.31	.30	317.50
70-IMC1210-10	10.0	±10%	30	2.52	33.0	2.1	189	.39	.31	.30	317.50
70-IMC1210-22	22.0	±10%	30	2.52	19.0	3.7	145	.51	.41	.39	424.00
70-IMC1210-100	100.0	±10%	20	.796	9.0	14.0	73	.51	.41	.39	424.00

IMC-1812 MOLDED SURFACE MOUNT INDUCTORS

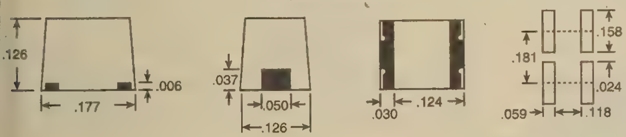
eatures:

- Molded construction provides superior strength and moisture resistance
- Printed marking
- Compatible with vapor phase and infrared reflow soldering

Specifications:

- Inductance tolerance: ±10%
- Temperature range: -40°C to +105°C
- Core material: powdered iron for 1.0µH to 100µH, ferrite for 150µH to 1000µH

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	L (µH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each			Price Per Reel of 500
								1	10	50	
70-IMC1812-1.0	1.0	±10%	50	7.96	100.0	.50	450	1.10	.99	.89	191.00
70-IMC1812-1.2	1.2	±10%	50	7.96	80.0	.55	430	1.10	.99	.89	191.00
70-IMC1812-1.5	1.5	±10%	50	7.96	70.0	.60	410	1.10	.99	.89	191.00
70-IMC1812-2.2	2.2	±10%	50	7.96	55.0	.70	380	1.10	.99	.89	191.00
70-IMC1812-2.7	2.7	±10%	50	7.96	50.0	.75	370	1.10	.99	.89	191.00
70-IMC1812-3.3	3.3	±10%	50	7.96	45.0	.80	355	1.10	.99	.89	191.00
70-IMC1812-4.7	4.7	±10%	50	7.96	35.0	1.00	315	1.10	.99	.89	191.00
70-IMC1812-5.6	5.6	±10%	50	7.96	33.0	1.10	300	1.10	.99	.89	191.00
70-IMC1812-10	10.0	±10%	50	2.52	20.0	1.60	250	1.10	.99	.89	191.00
70-IMC1812-15	15.0	±10%	50	2.52	17.0	2.50	200	1.14	1.03	.92	225.00
70-IMC1812-22	22.0	±10%	50	2.52	13.0	3.20	180	1.14	1.03	.92	225.00
70-IMC1812-33	33.0	±10%	50	2.52	11.0	4.00	160	1.14	1.03	.92	225.00
70-IMC1812-47	47.0	±10%	50	2.52	10.0	5.00	140	1.14	1.03	.92	225.00
70-IMC1812-56	56.0	±10%	50	2.52	9.0	5.50	135	1.27	1.15	1.03	251.00
70-IMC1812-100	100.0	±10%	40	.79	8.0	8.00	110	1.27	1.15	1.03	251.00
70-IMC1812-150	150.0	±10%	40	.79	5.0	9.00	105	1.27	1.15	1.03	251.00
70-IMC1812-220	220.0	±10%	40	.79	4.0	10.0	100	1.27	1.15	1.03	251.00
70-IMC1812-330	330.0	±10%	40	.79	3.5	14.0	85	1.27	1.15	1.03	251.00
70-IMC1812-470	470.0	±10%	40	.79	3.0	26.0	62	1.53	1.38	1.24	302.00
70-IMC1812-1000	1000.0	±10%	30	.25	2.5	40.0	30	1.53	1.38	1.24	302.00

ILB-1206 MULTILAYER FERRITE BEADS

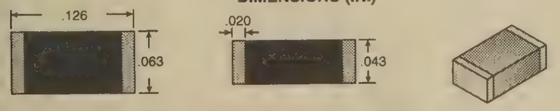
Features:

- High reliability
- Surface mountable
- Temp. range: -55°C to +125°C

Environmental Specifications:

- Thermal shock: 50 cycles, -55°C to +125°C
- Humidity: 90%RH @ + 40°C with 200mA DC current, 500 hours
- Load life: + 90°C @ full rated current for 2000 hours

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

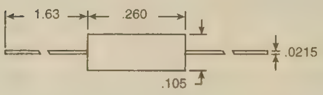
To order reels add "/R" to MOUSER STOCK NO.

MOUSER STOCK NO.	Imp. (Ω)	Tol.	Frequency (MHz)	DCR Max (Ω)	Rated DC Current (mA)	Price Each			Price Per Reel of 3000
						1	10	50	
70-ILB1206-19	19	±25%	100	.05	500	.24	.21	.19	280.50
70-ILB1206-26	26	±25%	100	.05	500	.24	.21	.19	280.50
70-ILB1206-31	31	±25%	100	.05	500	.24	.21	.19	280.50
70-ILB1206-50	50	±25%	100	.10	350	.24	.21	.19	280.50
70-ILB1206-70	70	±25%	100	.15	250	.24	.21	.19	280.50
70-ILB1206-120	120	±25%	100	.20	250	.24	.21	.19	280.50
70-ILB1206-150	150	±25%	100	.20	250	.24	.21	.19	280.50
70-ILB1206-300	300	±25%	100	.30	250	.28	.25	.23	331.50
70-ILB1206-500	500	±25%	100	.50	200	.28	.25	.23	331.50
70-ILB1206-600	600	±25%	100	.50	200	.28	.25	.23	331.50

VISHAY Axial Lead and Surface Mount Inductors

IM-2 MOLDED INDUCTORS

DIMENSIONS (IN.)



Specifications:
- Insulation resistance: 1000MΩ min.
- Dielectric strength: 1000VAC

Features:
- Wide inductance range in small package
- Flame retardant coating
- Precision performance, excellent reliability, sturdy construction
- Epoxy molded construction provides superior moisture protection

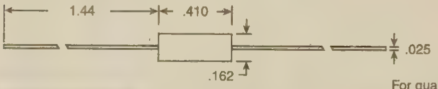
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (μH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	10	25
70-IM2-.10	.10	±10%	40	25.0	680.0	.08	1350	.53	.36	.29
70-IM2-.12	.12	±10%	40	25.0	640.0	.09	1270	.53	.36	.29
70-IM2-.15	.15	±10%	38	25.0	600.0	.10	1200	.53	.36	.29
70-IM2-.18	.18	±10%	35	25.0	550.0	.12	1105	.53	.36	.29
70-IM2-.22	.22	±10%	33	25.0	510.0	.14	1025	.53	.36	.29
70-IM2-.27	.27	±10%	33	25.0	430.0	.16	960	.53	.36	.29
70-IM2-.33	.33	±10%	30	25.0	410.0	.22	815	.53	.36	.29
70-IM2-.39	.39	±10%	30	25.0	365.0	.30	700	.53	.36	.29
70-IM2-.47	.47	±10%	30	25.0	330.0	.35	650	.53	.36	.29
70-IM2-.56	.56	±10%	30	25.0	300.0	.50	545	.53	.36	.29
70-IM2-.68	.68	±10%	28	25.0	275.0	.60	495	.53	.36	.29
70-IM2-.82	.82	±10%	28	25.0	250.0	.85	415	.53	.36	.29
70-IM2-1.0	1.0	±10%	25	25.0	230.0	1.0	385	.53	.36	.29
70-IM2-1.2	1.2	±10%	25	7.9	150.0	.18	590	.65	.44	.36
70-IM2-1.5	1.5	±10%	28	7.9	140.0	.22	535	.65	.44	.36
70-IM2-2.2	2.2	±10%	30	7.9	115.0	.40	395	.65	.44	.36
70-IM2-2.7	2.7	±10%	37	7.9	100.0	.55	355	.65	.44	.36
70-IM2-3.3	3.3	±10%	45	7.9	90.0	.85	270	.65	.44	.36
70-IM2-3.9	3.9	±10%	45	7.9	80.0	1.0	250	.65	.44	.36
70-IM2-4.7	4.7	±10%	45	7.9	75.0	1.2	230	.65	.44	.36
70-IM2-5.6	5.6	±10%	50	7.9	65.0	1.8	185	.65	.44	.36
70-IM2-6.8	6.8	±10%	50	7.9	60.0	2.0	175	.65	.44	.36
70-IM2-8.2	8.2	±10%	55	7.9	55.0	2.7	155	.65	.44	.36
70-IM2-10	10.0	±10%	55	7.9	50.0	3.7	130	.65	.44	.36
70-IM2-12	12.0	±10%	45	2.5	40.0	2.7	155	.65	.44	.36
70-IM2-15	15.0	±10%	40	2.5	35.0	2.8	150	.65	.44	.36
70-IM2-22	22.0	±10%	50	2.5	25.0	3.3	140	.65	.44	.36
70-IM2-33	33.0	±10%	45	2.5	24.0	3.4	130	.70	.48	.39
70-IM2-39	39.0	±10%	45	2.5	22.0	3.6	125	.70	.48	.39
70-IM2-47	47.0	±10%	45	2.5	20.0	4.5	110	.70	.48	.39
70-IM2-56	56.0	±10%	45	2.5	18.0	5.7	100	.70	.48	.39
70-IM2-100	100.0	±10%	50	2.5	13.0	8.0	84	.82	.55	.45
70-IM2-220	220.0	±10%	30	.79	9.0	21.0	52	.82	.55	.45
70-IM2-330	330.0	±10%	30	.79	7.0	28.0	45	.88	.60	.48
70-IM2-470	470.0	±10%	30	.79	6.0	42.0	36	.88	.60	.48
70-IM2-1000	1000.0	±10%	30	.79	3.4	72.0	28	1.04	.70	.57

IMS-5 INDUCTORS

Specifications:
- Meets MIL spec.: MIL-C-15305
- Insulation resistance: 1000MΩ
- Dielectric strength: 1000VAC
- Operating temperature range: -55°C to +105°C

Features:
- Wide inductance range in small package
- Flame retardant coating
- Precision performance, excellent reliability, sturdy construction
- Epoxy molded construction provides superior moisture protection



DIMENSIONS (IN.)

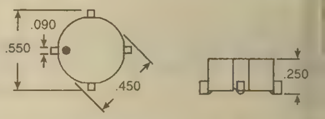
For quantities greater than listed, call for quote.

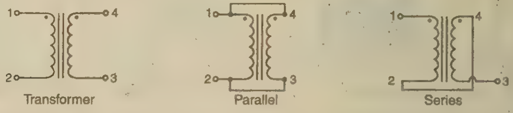
MOUSER STOCK NO.	L (μH)	Induc. Tol.	Q Min	Test Freq MHz	SRF Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
								1	10	25
70-IMS5-1.0	1.0	±10%	44	25.0	140.0	.07	1070	1.14	.77	.63
70-IMS5-2.2	2.2	±10%	44	7.9	100.0	.19	650	1.08	.73	.59
70-IMS5-3.3	3.3	±10%	44	7.9	85.0	.35	480	1.08	.73	.59
70-IMS5-4.7	4.7	±10%	44	7.9	70.0	.55	380	1.08	.73	.59
70-IMS5-10	10.0	±10%	50	7.9	46.0	1.62	220	1.08	.73	.59
70-IMS5-15	15.0	±10%	45	2.5	49.0	.80	315	1.08	.73	.59
70-IMS5-18	18.0	±10%	45	2.5	45.0	.89	300	1.08	.73	.59
70-IMS5-22	22.0	±10%	45	2.5	41.0	.96	290	1.08	.73	.59
70-IMS5-27	27.0	±10%	45	2.5	38.0	1.19	260	1.08	.73	.59
70-IMS5-33	33.0	±10%	45	2.5	34.0	1.37	240	1.08	.73	.59
70-IMS5-39	39.0	±10%	50	2.5	29.0	1.93	205	1.08	.73	.59
70-IMS5-47	47.0	±10%	50	2.5	27.0	2.11	195	1.08	.73	.59
70-IMS5-56	56.0	±10%	50	2.5	25.0	2.23	190	1.08	.73	.59
70-IMS5-100	100.0	±10%	50	2.5	10.0	3.12	160	1.14	.77	.63
70-IMS5-150	150.0	±10%	55	.79	8.5	4.1	140	1.14	.77	.63
70-IMS5-220	220.0	±10%	55	.79	7.5	5.0	125	1.14	.77	.63
70-IMS5-470	470.0	±10%	60	.79	5.7	9.5	92	1.26	.85	.69
70-IMS5-1000	1000.0	±10%	60	.79	3.8	17.5	70	1.26	.85	.69
70-IMS5-2200	2200.0	±10%	45	.25	.97	33.8	50	1.26	.85	.69
70-IMS5-3300	3300.0	±10%	45	.25	.84	53.0	40	1.31	.88	.72
70-IMS5-4700	4700.0	±10%	45	.25	.74	81.6	31	1.31	.88	.72
70-IMS5-5600	5600.0	±10%	44	.25	.73	98.9	28	1.46	.99	.80
70-IMS5-6800	6800.0	±10%	40	.25	.66	111.0	27	1.46	.99	.80

LPT-4545 TOROIDAL SURFACE MOUNT INDUCTORS

DIMENSIONS (IN.)

Features:
- Toroidal design for minimal EMI radiation in DC to DC converter applications
- Designed to support the growing need for efficient DC to DC converters in battery operated equipment
- Two separate windings provide versatility by ability to connect windings in series or parallel





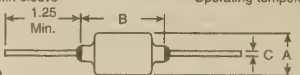
For quantities greater than listed, call for quot

MOUSER STOCK NO.	Parallel Connected			Series Connected			Price Each		
	Ind. (μH) ±15%	Rated Current (A)	DCR max. (Ω)	Ind. (μH) ±15%	Rated Current (A)	DCR max. (Ω)	1	10	25
70-LPT4545-100LA	10	4.000	.030	40	2.000	.120	9.30	8.75	8.43
70-LPT4545-200LA	20	2.100	.050	80	1.050	.215	9.30	8.75	8.43
70-LPT4545-500LA	50	1.350	.105	200	.675	.420	9.30	8.75	8.43
70-LPT4545-101LA	100	.950	.175	400	.475	.700	9.30	8.75	8.43
70-LPT4545-151LA	150	.720	.330	600	.360	1.32	9.30	8.75	8.43

IHA HIGH CURRENT FILTER INDUCTORS

Features:
- Printed circuit mounting (axial leads)
- Pre-tinned leads
- Designed for use with switching power supplies
- Protected by polyolefin sleeve

Specifications:
- Tolerance: ±10%
- Inductance: measured at 1V with no DC current
- Current rating: maximum continuous operating current (DC or RMS) based on 50°C temperature rise
- Operating temperature: -55°C to +75°C @ rated current



DIMENSIONS (IN.)

Schematic

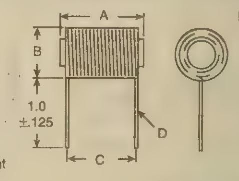
For quantities greater than listed, call for quote

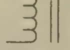
MOUSER STOCK NO.	Ind. @ 1kHz (μH)	DCR max. (Ω)	Rated Current (A)	Dimensions (In.)			Price Each		
				A max.	B max.	C±.002	1	10	25
70-IHA-101	50	.12	2.5	.475	.800	.032	2.80	1.90	1.55
70-IHA-102	100	.16	2.1	.475	.800	.032	2.80	1.90	1.55
70-IHA-103	250	.28	1.8	.475	1.05	.032	3.20	2.15	1.75
70-IHA-104	500	.42	1.6	.550	1.05	.032	3.20	2.15	1.75
70-IHA-105	1000	.60	1.4	.550	1.175	.032	3.65	2.50	2.00
70-IHA-201	27	.060	3.7	.500	.800	.032	2.80	1.90	1.55
70-IHA-202	50	.085	3.1	.500	.800	.032	2.80	1.90	1.55
70-IHA-203	100	.12	2.7	.500	.920	.032	3.20	2.15	1.75
70-IHA-204	250	.20	2.4	.600	.920	.032	3.20	2.15	1.75
70-IHA-205	500	.32	2.3	.750	1.05	.032	4.85	3.30	2.70
70-IHA-301	5	.015	6.8	.475	.800	.032	2.80	1.90	1.55
70-IHA-302	10	.021	6.1	.475	.920	.032	2.80	1.90	1.55
70-IHA-303	27	.040	4.8	.550	.800	.032	2.80	1.90	1.55
70-IHA-304	50	.050	4.3	.550	.920	.032	2.80	1.90	1.55
70-IHA-305	100	.070	4.2	.550	1.175	.032	3.20	2.15	1.75
70-IHA-502	10	.015	8.3	.475	1.05	.040	3.65	2.50	2.00
70-IHA-505	100	.060	5.9	.700	1.30	.040	4.85	3.30	2.70

IH HIGH CURRENT FILTER INDUCTORS

DIMENSIONS (IN.)

Features:
- Printed circuit mounting
- Pre-tinned leads
- Protected by polyolefin tubing




Schematic

Specifications:
- Tolerance: ±10%
- Inductance: measured at 1V with no DC current
- Operating temperature: -55°C to +75°C @ rated current

For quantities greater than listed, call for quote

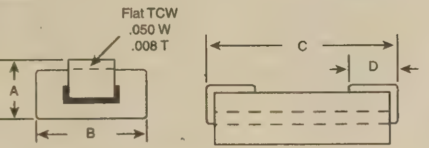
MOUSER STOCK NO.	Ind. @ 1kHz (μH)	DCR max. (Ω)	Rated Current (A)	Dimensions (In.)				Price Each		
				A max.	B max.	C±.062	D±.005	1	10	25
70-IH3-5	5	.015	10.0	75	.600	.500	.042	7.00	4.75	3.85
70-IH3-10	10	.018	9.0	1.125	.625	.687	.042	7.29	4.94	4.00
70-IH3-27	27	.035	7.0	.875	.800	.437	.042	7.85	5.30	4.30
70-IH3-50	50	.050	5.6	.875	.800	.750	.042	8.05	5.45	4.40
70-IH3-100	100	.065	5.2	1.125	.800	.937	.042	8.53	5.78	4.68
70-IH3-150	150	.075	5.0	1.375	.800	1.062	.042	9.18	6.20	5.05
70-IH3-250	250	.090	5.0	1.625	.800	1.312	.042	9.60	6.50	5.25
70-IH5-5	5	.012	14.0	.875	.625	.750	.053	7.00	4.75	3.85
70-IH5-10	10	.015	12.0	1.125	.625	1.0	.053	7.00	4.75	3.85
70-IH5-50	50	.030	8.0	1.125	.840	.750	.053	7.95	5.40	4.35
70-IH5-100	100	.050	7.5	1.375	.860	1.0	.053	8.70	5.90	4.75
70-IH10-10	10	.012	16.0	1.375	.635	1.218	.065	7.68	5.21	4.22
70-IH10-27	27	.018	12.5	1.125	935	.687	.065	8.12	5.50	4.45
70-IH10-100	100	.030	10.0	1.625	.935	1.312	.065	10.01	6.78	5.49
70-IH15-27	27	.015	16.0	1.375	1.0	.937	.082	9.52	6.45	5.22

SURFACE MOUNT EMI SHIELD BEADS

he rugged construction decreases DC resistance and increases urrent carrying capacity compared with plated beads.

Features:

Copper conductors have a 30-60μ inch nickel barrier and a minimum 95/5 tin/lead coating thickness of 200μ inch Common-mode beads can withstand a minimum breakdown voltage of 500VDC



DIMENSIONS (IN.)

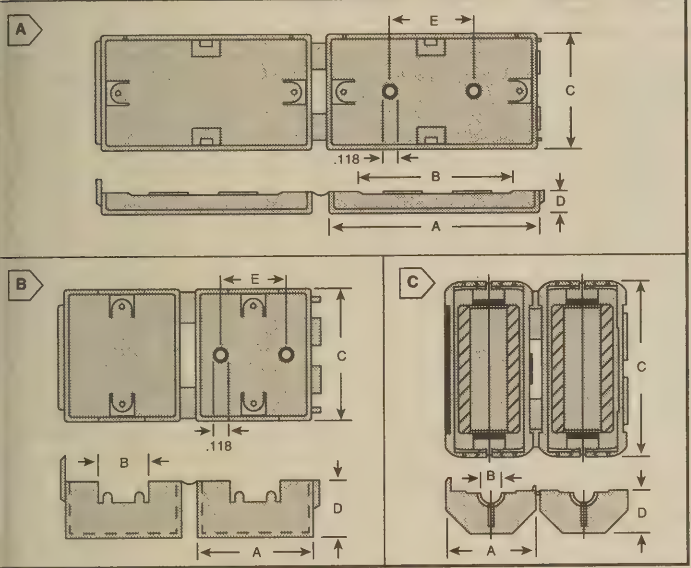
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Imp. (Ω) @100MHz	Dimensions (In.)				Price Each			
		A	B	C	D	1	100	500	1000
623-2743019447	47	.112	.120	.184	.059	.35	.17	.12	.10
623-2743021447	95	.112	.120	.359	.059	.35	.17	.12	.10

EMI SUPPRESSION CORES WITH CASES

Case material: nylon 6/6 • Flammability rating: UL94-V2

DIMENSIONS (IN.)



Flat Cable Cores with Cases

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω) @100MHz	Dimensions (In.)					Price Each		
			A	B	C	D	E	1	10	50
623-0443166651	A	225	1.950	1.350	1.270	.320	.787	3.19	2.90	2.64
623-0443163951	A	235	2.670	2.070	1.270	.320	1.496	4.45	4.04	3.67
623-0443164051	A	215	3.180	2.580	1.270	.320	2.000	5.30	4.82	4.38

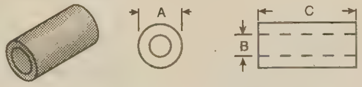
Round Cable Cores with Cases

For quantities greater than listed, call for quote.

623-0443164251	B	275	.705	.275	1.270	.362	.354	1.97	1.79	1.63
623-0443167251	B	225	.870	.402	1.270	.461	.354	2.29	2.08	1.89
623-0443164151	B	250	1.142	.528	1.280	.583	.709	3.43	3.12	2.84
623-0444164281	C	260	.788	.270	1.55	.385	- - -	1.63	1.48	1.34
623-0444167281	C	210	.933	.342	1.55	.460	- - -	2.21	2.01	1.82
623-0444164181	C	230	1.220	.460	1.55	.600	- - -	2.52	2.29	2.08

EMI SHIELD BEADS

Beads with a "1" as the last digit of the part number are not burnished, those with the last digit "2" are supplied burnished to break the sharp edges.



Applications:

- Recommended suppression material of unwanted signals between 30MHz and 200MHz

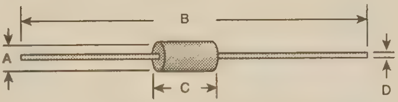
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Impedance (Ω) @100MHz	Dimensions (In.)			Price Each			
		A	B	C	1	100	500	1000
623-2643000101	40±20%	.138	.051	.128	.15	.12	.035	.030
623-2643000301	60±20%	.138	.051	.236	.15	.12	.035	.030
623-2643000801	92±20%	.296	.094	.297	.17	.13	.038	.035
623-2643002402	43±20%	.380	.197	.190	.18	.14	.043	.041
623-2643102002	235±20%	1.020	.505	1.125	1.67	1.51	1.38	1.25
623-2643540002	250±20%	.562	.250	1.125	.56	.51	.46	.42
623-2643665702	200±20%	.687	.375	1.125	.70	.63	.58	.52

EMI SHIELD BEADS ON LEADS

Shield beads are supplied assembled on tinned copper wire to aid automated circuit assembly. Wires are oxygen free high conductivity copper with a 95/5 tin/lead coating.



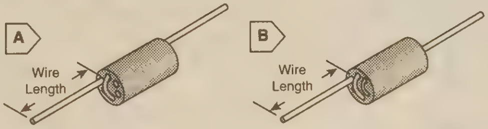
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Imp. (Ω) @100MHz	Dimensions (In.)				Price Each			
		A	B	C	D	1	100	500	1000
623-2743001112	68	.138	2.440	.175	22AWG	.20	.10	.06	.05
623-2743002112	133	.138	2.440	.350	22AWG	.20	.10	.06	.05

WOUND EMI SHIELD BEADS

Wire used for winding are oxygen free high conductivity copper with a tin plating.

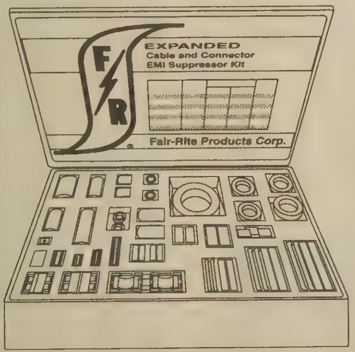


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Imp. (Ω) @100MHz	Turns	Wire Size	Wire Length (In.)	Price Each			
						1	100	500	1000
623-2943666661	A	375	1 1/2	24AWG	1.5	.30	.25	.17	.15
623-2943666671	B	580	2 1/2	24AWG	1.5	.30	.25	.17	.15

EMI SUPPRESSION EVALUATION KITS

These kits assist the design and field engineers and are designed to reflect the different mechanical and frequency requirements of all types of EMI suppression applications. Each kit contains a sampling of suppression cores for use in the original design phase or in situations where a retrofit proves necessary. Each kit comes in a clear plastic case with blue foam packing.



MOUSER STOCK NO.	Description	Price Each
Bead, Balun, and Broadband Kit II		
623-019911	This kit contains an assortment of 34 parts, consisting of small shield beads, beads on leads, and multi-aperture cores.	79.20
Expanded Cable and Connector EMI Suppressor Kit		
623-019905	This kit contains a selection of large shield beads, one and two piece cable suppressor cores and a number of suppressor plates for connectors. Cores are supplied in either Fair-Rite 43 or 44 material, chosen for its high impedance over a wide frequency range. The kit also has nylon cases and steel clips for assembly of the split cable suppression cores.	79.20
Expanded Bead-on-Lead EMI Suppressor Kit		
623-019910	Twenty-four wired beads in three basic design geometries are included in this kit. These beads are supplied in three suppressor materials: 73, 43, and 61.	79.20
Surface Mount Bead Kit		
623-019914	Twelve surface mount beads in five geometries are in this engineering kit. These surface mount beads are for use in differential and common-mode applications. The suppression materials43, 44, and 73 are all included in this kit.	50.00
Chip Bead Kit		
623-019918	This kit provides 20 different chip bead parts in four different EIA standard package sizes. It contains low current, medium current, as well as high current chip beads. Also included in this kit are a selection of low, standard, and high signal speed parts.	63.36

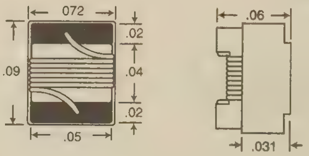
SMD Inductors and Ferrite Beads

XICON Fastron

0805A SERIES CHIP INDUCTORS

Features:

- Pad: tungsten-nickel with gold-flash
- Epoxy molded flat top
- Soldering methods: wave, reflow, vapor phase
- Solderability: 260°C max., 10 seconds
- Operating temp.: -55°C to +125°C
- Packing: 8mm blister tape
- Resistance to solvent: conform to MIL-STD-202E



DIMENSIONS (IN.)

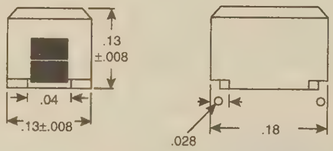
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each			
							1	100	500	1000
434-14-2N2M	.0022	45	250	.05	600	6000	1.30	.63	.57	.52
434-14-6N8M	.0068	50	250	.11	600	5500	1.30	.63	.57	.52
434-14-022M	.022	55	250	.22	600	2600	1.30	.63	.57	.52
434-14-033M	.033	60	250	.27	500	2050	1.30	.63	.57	.52
434-14-039M	.039	60	250	.29	500	2000	1.30	.63	.57	.52
434-14-047M	.047	60	200	.31	500	1650	1.30	.63	.57	.52
434-14-056K	.056	60	200	.34	500	1550	1.30	.63	.57	.52
434-14-068K	.068	60	200	.38	500	1450	1.30	.63	.57	.52
434-14-082K	.082	65	150	.42	500	1300	1.30	.63	.57	.52
434-14-R10K	.10	65	150	.46	400	1200	1.30	.63	.57	.52
434-14-R22K	.22	50	100	.80	400	850	1.30	.63	.57	.52
434-14-R27K	.27	40	100	1.50	280	820	1.30	.63	.57	.52
434-14-R47K	.47	40	100	2.50	170	720	1.30	.63	.57	.52
434-14-R68K	.68	30	50	4.00	170	600	1.30	.63	.57	.52

1812 SURFACE MOUNT INDUCTORS

Features:

- Specially developed for automatic mounting applications
- Ferrite based product in a sealed thermoset plastic package
- Smooth top surface: particularly well suited to pick and place equipment
- Suitable to dip and wave solder
- Minimum 100MΩ insulation
- Operating temp. range: -25°C to +85°C
- Employs copper terminations with barrier layer



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Q (min.)	Test Freq. (MHz)	SRF (MHz)	DCR Max. (Ω)	Rated DC (mA)	Price Each			Price Per Reel of 500
							1	10	100	
435-0330	33	40	2.52	14	2.2	180	.97	.88	.80	302.90
435-0470	47	40	2.52	12	2.7	160	.97	.88	.80	302.90
435-1500	150	50	.796	6.0	10.6	80	.97	.88	.80	302.90

HiQ MAGNETICS

FERRITE CHIP BEADS

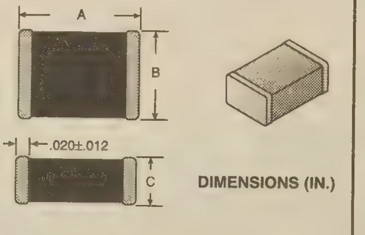
Ferrite Chip Beads provide an effective means of EMI/RFI attenuation for electronic equipment. These items are specially designed for flow, reflow, and wave soldering applications.

Specifications:

- Impedance tolerance: ±25%
- Operating temperature: -25°C to 85°C
- Storage temperature: -40°C to 85°C

* Stock Number: 436-2600 dimension C = .063±.008

EIA SIZE	Dimensions (In.)		
	A	B	C
0805	.079±.008	.049±.008	.035±.008
1206	.126±.008	.063±.008	.043±.008
1210	.126±.008	.099±.008	.051±.008
* 1806	.177±.010	.063±.008	.063±.008
1812	.177±.010	.126±.008	.059±.008



DIMENSIONS (IN.)

To order reels add "/REEL" to Mouser Stock No.

For quantities greater than listed, call for quote.

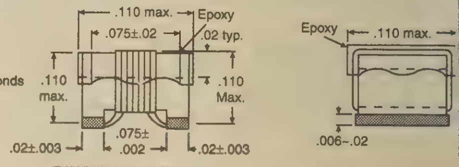
MOUSER STOCK NO.	EIA Size	Imped. (Ω) @ 100MHz	DC Resist. (Ω) max.	Rated Current (mA) max.	Price Each			Qty. Per Reel	Price Per Reel
					1	100	500		
436-1110	0805	11	0.10	600	.30	.20	.18	4000	537.60
436-1121	0805	120	0.60	200	.33	.22	.20	4000	578.56
436-1151	0805	150	0.50	300	.52	.35	.32	4000	921.60
436-1601	0805	600	1.00	200	.69	.46	.42	4000	1218.56
436-2320	1206	32	0.15	500	.36	.24	.22	3000	499.80
436-2601	1206	600	0.40	200	.62	.41	.38	3000	874.14
* 436-2600	1206	60	0.50	200	.37	.25	.22	2000	387.60
436-3600	1210	60	0.30	400	.37	.25	.22	2500	459.00
436-4800	1806	80	0.30	400	.35	.23	.21	2000	361.76
436-4151	1806	150	0.50	200	.45	.30	.27	2000	470.44
436-5121	1812	120	0.40	300	.38	.26	.23	1000	210.00

XICON Fastron

1008A SERIES SMD INDUCTORS

Features:

- Pad: tungsten-nickel
- Epoxy molded flat top
- Soldering methods: wave, reflow, vapor phase
- Solderability: 260°C (max.), 10 seconds
- Operating temp.: -55°C to +125°C
- Packing: 8mm blister tape
- Resistance to solvent: conform to MIL-STD-202E



DIMENSIONS (IN.)

±20% Tolerance

For quantities greater than listed, call for quot

MOUSER STOCK NO.	L (µH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each			Price Per Reel of 200
							1	100	500	
434-07-010M	.01	30	100	.050	1850	1000	.99	.51	.46	672.00
434-07-022M	.022	40	100	.060	1450	1000	.99	.51	.46	672.00

±10% Tolerance

For quantities greater than listed, call for quot

MOUSER STOCK NO.	L (µH)	Q (min.)	Test Freq. (MHz)	DC Res. (max.Ω)	Rated DC (mA)	SRF (MHz)	Price Each			Price Per Reel of 200
							1	100	500	
434-07-033K	.033	50	100	.060	1450	1000	.99	.51	.46	672.00
434-07-039K	.039	50	100	.075	1300	1000	.99	.51	.46	672.00
434-07-047K	.047	50	100	.079	1300	1000	.99	.51	.46	672.00
434-07-056K	.056	50	100	.090	1260	1000	.99	.51	.46	672.00
434-07-068K	.068	50	100	.090	1260	1000	.99	.51	.46	672.00
434-07-082K	.082	50	100	.150	820	1000	.99	.51	.46	672.00
434-07-R10K	.10	50	100	.150	820	1000	.99	.51	.46	672.00
434-07-R12K	.12	40	100	.180	820	825	.99	.51	.46	672.00
434-07-R18K	.18	40	50	.200	770	770	.99	.51	.46	672.00
434-07-R22K	.22	40	50	.260	660	690	.99	.51	.46	672.00
434-07-R27K	.27	40	50	.300	610	650	.99	.51	.46	672.00
434-07-R33K	.33	40	50	.450	500	570	.99	.51	.46	672.00
434-07-R39K	.39	35	50	.700	360	520	.99	.51	.46	672.00
434-07-R47K	.47	35	50	.780	310	490	.99	.51	.46	672.00
434-07-R56K	.56	35	35	1.20	260	440	.99	.51	.46	672.00
434-07-R68K	.68	35	35	2.10	200	390	.99	.51	.46	672.00
434-07-R82K	.82	35	35	2.30	170	360	.99	.51	.46	672.00
434-07-1R0K	1.0	35	35	2.70	170	330	.99	.51	.46	672.00
434-07-1R2K	1.2	35	35	3.00	170	310	.99	.51	.46	672.00
434-07-1R5K	1.5	30	35	5.2	170	250	.99	.51	.46	672.00

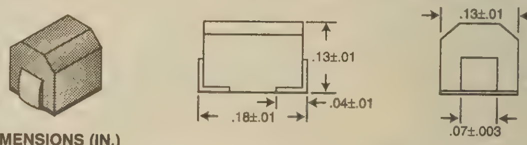
1812 MAGNETIC SHIELDED CHIP INDUCTORS

Specifications:

- Temperature rise: 20°C (max.)
- Ambient temperature: 80°C (max.)
- Operating temperature: -20°C to +100°C
- Storage temperature: -40°C to +100°C

Features:

- Very strong solderability
- Can be mounted automatically
- Terminals are highly resistant to pull forces
- Highly resistant to mechanical shocks and pressure



DIMENSIONS (IN.)

To order reels add: " /Reel " to Mouser Stock No.

For quantities greater than listed, call for quote

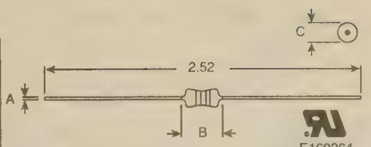
MOUSER STOCK NO.	L (µH)	Q (min.)	Test Freq. (MHz)	SRF (MHz)	DCR Max. (Ω)	Rated DC (mA)	Price Each			Price Per Reel of 500
							1	10	100	
435-18-R10M	0.10	28	25.2	700	0.44	450	.84	.65	.49	199.00
435-18-R15M	0.15	30	25.2	450	0.25	450	.84	.65	.49	199.00
435-18-R22M	0.22	30	25.2	350	0.32	450	.84	.65	.49	199.00
435-18-R33M	0.33	30	25.2	300	0.40	450	.84	.65	.49	199.00
435-18-R47M	0.47	30	25.2	220	0.50	450	.84	.65	.49	199.00
435-18-R68M	0.68	30	25.2	160	0.60	450	.84	.65	.49	199.00
435-18-1R0M	1.0	50	7.96	100	0.50	450	.84	.65	.49	199.00
435-18-1R2M	1.2	50	7.96	80	0.55	430	.84	.65	.49	199.00
435-18-1R5M	1.5	50	7.96	70	0.60	410	.84	.65	.49	199.00
435-18-1R8M	1.8	50	7.96	60	0.65	390	.84	.65	.49	199.00
435-18-2R2M	2.2	50	7.96	55	0.70	380	.84	.65	.49	199.00
435-18-2R7M	2.7	50	7.96	50	0.75	370	.84	.65	.49	199.00
435-18-3R3M	3.3	50	7.96	45	0.80	355	.84	.65	.49	199.00
435-18-4R7M	4.7	50	7.96	35	1.00	315	.84	.65	.49	199.00
435-18-5R6M	5.6	50	7.96	33	1.10	300	.84	.65	.49	199.00
435-18-6R8K	6.8	50	7.96	27	1.20	285	.84	.65	.49	199.00
435-18-8R2K	8.2	50	7.96	25	1.40	270	.84	.65	.49	199.00
435-18-100K	10	50	2.52	20	1.60	250	.84	.65	.49	199.00
435-18-120K	12	50	2.52	18	2.00	225	.84	.65	.49	199.00
435-18-150K	15	50	2.52	17	2.50	200	.84	.65	.49	199.00
435-18-180K	18	50	2.52	15	2.80	190	.84	.65	.49	199.00
435-18-220K	22	50	2.52	13	3.20	180	.84	.65	.49	199.00
435-18-270K	27	50	2.52	12	3.60	170	.84	.65	.49	199.00
435-18-330K	33	50	2.52	11	4.00	160	.84	.65	.49	199.00
435-18-470K	47	50	2.52	10	5.00	140	.84	.65	.49	199.00
435-18-560K	56	50	2.52	9	5.50	135	.84	.65	.49	199.00
435-18-101K	100	40	0.796	7	8.00	110	.84	.65	.49	199.00
435-18-151K	150	40	0.796	5	9.00	105	.84	.65	.49	199.00
435-18-181K	180	40	0.796	5	9.50	102	.84	.65	.49	199.00
435-18-221K	220	40	0.796	4	12.00	100	.84	.65	.49	199.00
435-18-331K	330	30	0.796	3	20.00	85	.84	.65	.49	199.00
435-18-471K	470	30	0.796	3	26.00	62	.84	.65	.49	199.00
435-18-681K	680	30	0.796	2	40.00	50	.84	.65	.49	199.00
435-18-102K	1000	30	0.796	2	50.00	30	.84	.65	.49	199.00

EPOXY CONFORMAL COATED CHOKES

These choke coils are UL recognized and feature an inductance of 0.15µH to 1000µH, capable of handling currents rom 55mA to 1.35 amps. They are more economical than molded chokes and require no more board space than a 1/2 watt resistor. Tape and reel, ammo pack, and formed leads are available upon request.

- Solderability: According to MIL-STD-202F method 208D
- Product assurance: according to MIL-STD-790
- EIA color coded
- Operating temperature: IEC climactic category: 55/125/56; DIN climactic category: FKF: -55 to 125°C, humidity category F

Choke Coil Type	Dimensions (In.)		
	A	B	C
Micro Miniature	.02	.134 max.	.095 max.
Miniature	.02	.276 max.	.118 max.
Small	.024	.374 max.	.158 max.



E169264

Micro Miniature Choke Coils

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. %	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
								1	100	500	1000
434-21-1R0	1.0	±20	40	7.96	150.0	0.5	500	.36	.27	.22	.18
434-21-2R2	2.2	±20	40	7.96	45.0	0.4	430	.36	.27	.22	.18
434-21-2R7	2.7	±20	40	7.96	40.0	0.7	335	.36	.27	.22	.18
434-21-3R3	3.3	±20	40	7.96	38.0	0.8	325	.36	.27	.22	.18
434-21-4R7	4.7	±20	40	7.96	32.0	1.2	250	.36	.27	.22	.18
434-21-5R6	5.6	±20	40	7.96	30.0	1.3	250	.36	.27	.22	.18
434-21-6R8	6.8	±20	40	7.96	28.0	1.3	220	.36	.27	.22	.18
434-21-100	10.0	±10	40	7.96	24.0	2.2	180	.36	.27	.22	.18
434-21-150	15.0	±10	40	2.52	20.0	2.6	155	.36	.27	.22	.18
434-21-180	18.0	±10	40	2.52	18.0	3.0	150	.36	.27	.22	.18
434-21-220	22.0	±10	40	2.52	17.0	3.4	148	.36	.27	.22	.18
434-21-270	27.0	±10	40	2.52	16.0	4.3	145	.36	.27	.22	.18
434-21-330	33.0	±10	40	2.52	14.0	4.7	140	.36	.27	.22	.18
434-21-470	47.0	±10	40	2.52	12.0	5.8	120	.36	.27	.22	.18
434-21-101	100.0	±10	40	2.52	9.0	12.0	78	.36	.27	.22	.18

Miniature Choke Coils

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Tol. %	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
								1	100	500	1000
434-22-R15	.15	±10	35	25.2	500.0	.13	1020	.36	.27	.22	.18
434-22-R22	.22	±10	35	25.2	420.0	.16	990	.36	.27	.22	.18
434-22-R27	.27	±10	35	25.2	380.0	.17	910	.36	.27	.22	.18
434-22-R33	.33	±10	35	25.2	330.0	.20	830	.36	.27	.22	.18
434-22-R39	.39	±10	35	25.2	300.0	.22	790	.36	.27	.22	.18
434-22-R47	.47	±10	35	25.2	280.0	.25	750	.36	.27	.22	.18
434-22-R56	.56	±10	35	25.2	260.0	.28	700	.36	.27	.22	.18
434-22-R68	.68	±10	35	25.2	240.0	.48	530	.36	.27	.22	.18
434-22-R82	.82	±10	35	25.2	230.0	.55	500	.36	.27	.22	.18
434-22-1R0	1.00	±5	35	25.2	180.0	.25	630	.36	.27	.22	.18
434-22-1R2	1.20	±5	40	7.96	170.0	.25	610	.36	.27	.22	.18
434-22-1R5	1.50	±5	40	7.96	150.0	.30	570	.36	.27	.22	.18
434-22-1R8	1.80	±5	40	7.96	130.0	.30	540	.36	.27	.22	.18
434-22-2R2	2.20	±5	40	7.96	120.0	.35	520	.36	.27	.22	.18
434-22-2R7	2.70	±5	40	7.96	110.0	.40	480	.36	.27	.22	.18
434-22-3R3	3.30	±5	40	7.96	110.0	.50	420	.36	.27	.22	.18
434-22-3R9	3.90	±5	40	7.96	100.0	.55	400	.36	.27	.22	.18
434-22-4R7	4.70	±5	40	7.96	90.0	.65	380	.36	.27	.22	.18
434-22-5R6	5.60	±5	45	7.96	75.0	1.30	260	.36	.27	.22	.18
434-22-6R8	6.80	±5	45	7.96	70.0	1.45	250	.36	.27	.22	.18
434-22-8R2	8.20	±5	50	7.96	65.0	1.60	240	.36	.27	.22	.18
434-22-100	10.00	±5	50	7.96	60.0	1.70	230	.36	.27	.22	.18
434-22-120	12.00	±5	50	2.52	50.0	2.40	190	.36	.27	.22	.18
434-22-150	15.00	±5	50	2.52	45.0	2.70	185	.36	.27	.22	.18
434-22-180	18.00	±5	60	2.52	14.0	0.81	350	.36	.27	.22	.18
434-22-220	22.00	±5	60	2.52	12.0	0.90	335	.36	.27	.22	.18
434-22-270	27.00	±5	60	2.52	11.0	1.00	315	.36	.27	.22	.18
434-22-330	33.00	±5	60	2.52	10.0	1.12	300	.36	.27	.22	.18
434-22-390	39.00	±5	60	2.52	8.5	1.21	285	.36	.27	.22	.18
434-22-470	47.00	±5	60	2.52	7.7	2.40	200	.36	.27	.22	.18
434-22-560	56.00	±5	60	2.52	6.8	2.60	195	.36	.27	.22	.18
434-22-680	68.00	±5	60	2.52	5.7	2.90	185	.36	.27	.22	.18
434-22-820	82.00	±5	60	2.52	5.5	3.20	175	.36	.27	.22	.18
434-22-101	100.00	±5	60	2.52	5.3	3.50	170	.36	.27	.22	.18
434-22-121	120.00	±5	60	0.79	5.0	3.80	160	.36	.27	.22	.18
434-22-151	150.00	±5	60	0.79	4.6	4.30	150	.36	.27	.22	.18
434-22-181	180.00	±5	60	0.79	4.2	5.30	135	.36	.27	.22	.18
434-22-221	220.00	±5	60	0.79	3.8	5.80	130	.36	.27	.22	.18
434-22-271	270.00	±5	60	0.79	3.2	7.80	115	.36	.27	.22	.18
434-22-331	330.00	±5	60	0.79	3.0	8.70	105	.36	.27	.22	.18
434-22-391	390.00	±5	60	0.79	2.7	11.00	95	.36	.27	.22	.18
434-22-471	470.00	±5	60	0.79	2.3	12.00	90	.36	.27	.22	.18
434-22-561	560.00	±5	60	0.79	2.2	16.50	75	.36	.27	.22	.18
434-22-681	680.00	±5	60	0.79	2.0	22.00	65	.36	.27	.22	.18
434-22-821	820.00	±5	60	0.79	1.8	25.00	60	.36	.27	.22	.18
434-22-102	1000.0	±5	60	0.79	1.5	33.00	55	.36	.27	.22	.18

Miniature Choke Coils (Cont.)

For quantities greater than listed, call for quote.

Small Choke Coils

For quantities greater than listed, call for quote.

434-23-R33	.33	±20	45	25.2	250.0	0.12	1350	.36	.27	.22	.18
434-23-R47	.47	±20	45	25.2	220.0	0.14	1280	.36	.27	.22	.18
434-23-R68	.68	±20	45	25.2	200.0	0.16	1225	.36	.27	.22	.18
434-23-1R0	1.00	±10	45	25.2	205.0	0.16	1200	.36	.27	.22	.18
434-23-1R5	1.50	±10	50	7.96	165.0	0.20	1100	.36	.27	.22	.18
434-23-2R2	2.20	±10	55	7.96	140.0	0.25	1000	.36	.27	.22	.18
434-23-3R3	3.30	±10	60	7.96	115.0	0.29	900	.36	.27	.22	.18
434-23-4R7	4.70	±10	60	7.96	95.0	0.34	820	.36	.27	.22	.18
434-23-6R8	6.80	±10	65	7.96	75.0	0.51	670	.36	.27	.22	.18
434-23-100	10.00	±10	65	7.96	35.0	0.49	680	.36	.27	.22	.18
434-23-120	12.00	±10	50	2.52	30.0	0.55	650	.36	.27	.22	.18
434-23-150	15.00	±10	50	2.52	20.0	0.60	610	.36	.27	.22	.18
434-23-180	18.00	±10	50	2.52	17.0	0.67	580	.36	.27	.22	.18
434-23-220	22.00	±10	50	2.52	13.0	0.74	560	.36	.27	.22	.18
434-23-270	27.00	±10	55	2.52	10.0	0.83	530	.36	.27	.22	.18
434-23-330	33.00	±10	55	2.52	9.0	0.92	500	.36	.27	.22	.18
434-23-470	47.00	±10	40	2.52	7.5	1.10	450	.36	.27	.22	.18
434-23-101	100.00	±10	70	0.79	5.0	1.70	370	.36	.27	.22	.18
434-23-151	150.00	±10	70	0.79	4.2	2.80	280	.36	.27	.22	.18
434-23-221	220.00	±10	70	0.79	3.7	3.30	250	.36	.27	.22	.18
434-23-331	330.00	±10	70	0.79	2.7	6.40	190	.36	.27	.22	.18
434-23-471	470.00	±10	70	0.79	2.2	7.90	170	.36	.27	.22	.18
434-23-681	680.00	±10	55	0.79	1.9	10.00	150	.36	.27	.22	.18
434-23-102	1000.0	±10	50	0.79	1.6	14.00	130	.36	.27	.22	.18

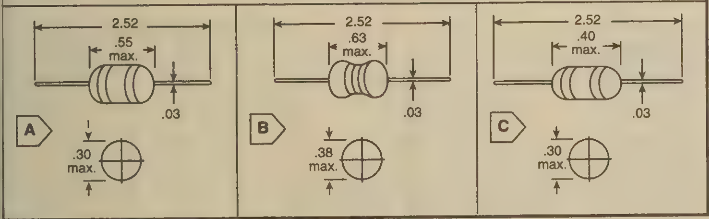
CHOKE COILS

These choke coils feature inductances from 0.7µH to 33,000µH capable of handling currents from 50mA to 7 amps. Their ferrite cores allow smaller forms, requiring less board space. Formed, tape and reel, and ammo packaging are available on request. Call our full service line, (800) 346-6873 for quote.

Features:

- Insulation strength: 2.0KV (epoxy coated)
- Operating temp.: -25°C to +85°C, Δ L/L (25°C) <±10%
- EIA color coded
- Axial leads
- Inductance test freq.: High current chokes: 1MHz; Low and medium current chokes: 20kHz

DIMENSIONS (IN.)



Low Current Chokes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (KHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
									1	100	500	1000
434-06-102J	A	1000	±5	100	252	1.80	5.4	150	1.07	.71	.64	.60
434-06-272J	A	2700	±5	100	252	1.20	9.8	100	1.07	.71	.64	.60
434-06-332J	A	3300	±5	100	252	1.10	13.0	80	1.07	.71	.64	.60
434-06-392J	A	3900	±5	100	252	1.00	16.5	75	1.07	.71	.64	.60
434-06-472J	A	4700	±5	100	252	0.90	18.5	70	1.07	.71	.64	.60

Medium Current Chokes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	Q Min.	Test Freq. (kHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each			
									1	100	500	1000
434-15-331K	B	330	±10	35	796	1.4	1.4	500	1.22	.94	.85	.78
434-15-391K	B	390	±10	35	796	1.3	1.6	460	1.22	.94	.85	.78
434-15-471K	B	470	±10	35	796	1.2	1.8	420	1.22	.94	.85	.78
434-15-681K	B	680	±10	35	796	0.92	2.6	350	1.22	.94	.85	.78
434-15-102J	B	1000	±5	70	252	0.72	4.2	280	1.22	.94	.85	.78
434-15-122J	B	1200	±5	70	252	0.68	5.5	350	1.22	.94	.85	.78
434-05-182J	B	1800	±5	70	252	1.1	5.6	200	1.22	.94	.85	.78
434-15-222J	B	2200	±5	70	252	0.5	10.0	180	1.22	.94	.85	.78
434-15-332J	B	3300	±5	70	252	0.42	12.0	150	1.22	.94	.85	.78
434-05-392J	B	3900	±5	70	252	0.75	10.0	140	1.22	.94	.85	.78
434-15-472J	B	4700	±5	70	252	0.31	18.0	130	1.22	.94	.85	.78
434-15-822J	B	8200	±5	70	252	0.50	20.0	100	1.22	.94	.85	.78
434-05-103J	B	10000	±5	70	79	0.41	35.0	90	1.22	.94	.85	.78
434-05-153J	B	15000	±5	70	79	0.35	45.0	70	1.22	.94	.85	.78
434-15-183J	B	18000	±5	70	79	0.16	80.0	65	1.22	.94	.85	.78
434-15-223J	B	22000	±5	70	79	0.15	100.0	60	1.22	.94	.85	.78
434-05-273J	B	27000	±5	70	79	0.29	70.0	55	1.22	.94	.85	.78
434-15-333J	B	33000	±5	50	79	0.14	130.0	67	1.22	.94	.85	.78

High Current Chokes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Tol. %	DCR Max. (mΩ)	Max DC Current (A)	Price Each			
						1	100	500	1000
434-04-R70M	C	0.7	±20	15	7.0	.53	.40	.37	.33
434-04-1R0M	C	1.0	±20	15	4.0	.53	.40	.37	.33
434-04-1R8M	C	1.8	±20	55	2.5	.53	.40	.37	.33
434-04-3R6M	C	3.6	±20	110	1.8	.53	.40	.37	.33
434-04-8R2M	C	8.2	±20	130	1.5	.53	.40	.37	.33
434-04-100M	C	10.0	±20	240	1.3	.53	.40	.37	.33

HiQ MAGNETICS

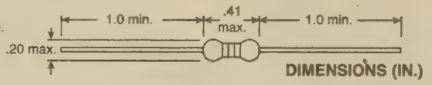
Chokes and Coils

MINIATURE EPOXY COATED CHOKES

Price Each			
1	100	500	1000
.41	.31	.24	.20

For quantities greater than listed, call for quote.

- Smaller than 1/2 watt resistor
- Moisture resistant
- EIA color code



DIMENSIONS (IN.)

MOUSER STOCK NO.	L (µH)	Tol. ±%	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LS227	.22	10	50	25.2	300.0	.12	1400
43LS337	.33	10	55	25.2	250.0	.14	1280
43LS477	.47	10	50	25.2	220.0	.17	1150
43LS687	.68	10	55	25.2	190.0	.20	1030
43LS106	1.00	5	45	25.2	157.0	.21	920
43LS126	1.20	5	50	7.96	144.0	.22	880
43LS156	1.50	5	50	7.96	131.0	.23	830
43LS226	2.20	5	55	7.96	110.0	.28	750
43LS276	2.70	5	60	7.96	100.0	.30	720
43LS336	3.30	5	65	7.96	94.0	.34	670
43LS476	4.70	5	70	7.96	56.0	.39	620
43LS566	5.60	5	70	7.96	50.0	.43	590
43LS686	6.80	5	75	7.96	40.0	.49	550
43LS105	10.00	5	65	7.96	30.0	.63	500
43LS125	12.00	5	55	2.52	25.0	.65	480
43LS155	15.00	5	55	2.52	20.0	.81	460
43LS185	18.00	5	50	2.52	14.0	.82	430
43LS225	22.00	5	50	2.52	9.0	.95	410
43LS275	27.00	5	45	2.52	7.0	1.05	390
43LS335	33.00	5	45	2.52	6.0	1.05	370
43LS395	39.00	5	45	2.52	6.0	1.10	350
43LS475	47.00	5	40	2.52	6.0	1.31	340
43LS565	56.00	5	40	2.52	5.5	1.38	320
43LS685	68.00	5	40	2.52	5.0	1.62	305
43LS825	82.00	5	35	2.52	5.0	1.71	290
43LS104	100.00	5	30	2.52	4.5	2.10	275
43LS154	150.00	5	55	.796	3.0	3.45	175
43LS224	220.00	5	60	.796	2.5	4.54	155
43LS334	330.00	5	60	.796	2.0	6.40	137
43LS474	470.00	5	60	.796	1.9	7.70	126
43LS564	560.00	5	60	.796	1.8	8.50	120
43LS103	1000.00	5	40	.796	1.0	14.00	100

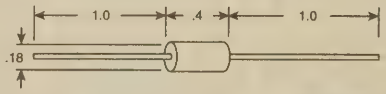
QUALITY MOLDED CHOKES

Price Each			
1	100	500	1000
.65	.59	.54	.49

For quantities greater than listed, call for quote.

Specifications:

- MIL-Spec: MIL-C-15305
- Moisture resistant
- Tolerance: ±10%
- Smaller than 1/2 watt resistor



DIMENSIONS (IN.)

MEETS MIL SPECS

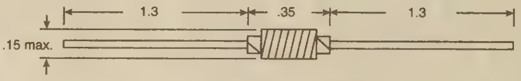
MOUSER STOCK NO.	L (µH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43HH106	1.0	50	25.2	200	0.29	785
43HH226	2.2	33	7.9	135	0.95	435
43HH276	2.7	33	7.9	120	1.20	385
43HH336	3.3	33	7.9	110	2.00	300
43HH476	4.7	33	7.9	90	2.60	260
43HH105	10	55	7.9	45	0.90	290
43HH155	15	65	2.5	40	1.40	240
43HH225	22	75	2.5	30	2.50	175
43HH335	33	65	2.5	19	3.00	165
43HH395	39	60	2.5	14.5	2.60	176
43HH475	47	55	2.5	13.0	2.75	170
43HH685	68	55	2.5	11.0	3.30	156
43HH825	82	50	2.5	10.3	3.90	143
43HH104	100	50	2.5	9.5	4.50	133
43HH154	150	65	0.79	8.0	6.05	114
43HH224	220	65	0.79	6.2	7.45	103
43HH474	470	65	0.79	3.9	17.9	100
43HH103	1000	55	0.79	2.3	33.1	74

SUB-MINIATURE RF CHOKES

For quantities greater than listed, call for quote.

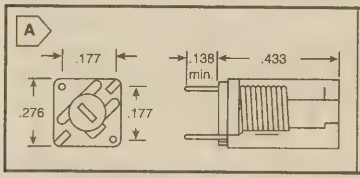
Price Each			
1	100	500	1000
.38	.26	.24	.22

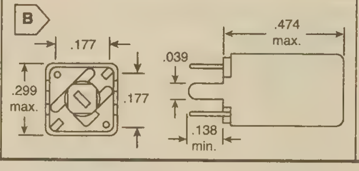
- Inductive tolerance:
  - .10 to 1.0µH ±20%
  - 1.2 to 1000µH ±10%
- Varnished dipped
- Core materials: Ferrite

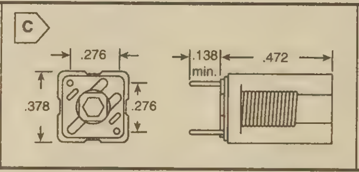


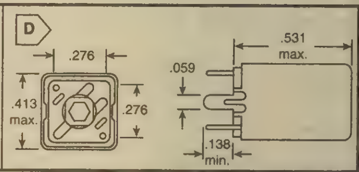
DIMENSIONS (IN.)

MOUSER STOCK NO.	L (µH)	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)
43LQ107	.10	45	25.2	575	.025	2828
43LQ157	.15	45	25.2	500	.03	2582
43LQ227	.22	45	25.2	400	.04	2236
43LQ337	.33	45	25.2	325	.075	1633
43LQ477	.47	45	25.2	275	.15	1154
43LQ687	.68	45	25.2	225	.25	894
43LQ757	.75	45	25.2	200	.275	852
43LQ827	.82	45	25.2	175	.30	816
43LQ106	1.0	40	7.96	125	.36	745
43LQ126	1.2	40	7.96	100	.10	1414
43LQ156	1.5	40	7.96	95	.115	1318
43LQ186	1.8	40	7.96	85	.12	1290
43LQ226	2.2	40	7.96	83	.165	1100
43LQ276	2.7	40	7.96	75	.185	1039
43LQ336	3.3	35	7.96	65	.275	852
43LQ396	3.9	35	7.96	60	.30	816
43LQ476	4.7	35	7.96	55	.465	655
43LQ566	5.6	35	7.96	50	.50	632
43LQ686	6.8	35	7.96	50	.625	565
43LQ826	8.2	35	7.96	40	.75	516
43LQ105	10.0	35	7.96	30	1.50	365
43LQ185	18.0	30	2.52	14	1.71	278
43LQ225	22.0	30	2.52	10	1.88	225
43LQ275	27.0	30	2.52	7	2.03	200
43LQ335	33.0	30	2.52	5	2.39	196
43LQ475	47.0	30	2.52	4.0	2.78	186
43LQ565	56.0	30	2.52	3.8	3.06	179
43LQ685	68.0	30	2.52	3.5	3.42	170
43LQ104	100.0	30	.796	3.0	4.35	136
43LQ124	120.0	30	.796	2.5	4.14	115
43LQ154	150.0	30	.796	2.5	4.85	104
43LQ184	180.0	30	.796	2.2	5.00	95
43LQ224	220.0	30	.796	2.0	5.87	83.5
43LQ274	270.0	30	.796	1.5	8.06	77
43LQ334	330.0	30	.796	1.4	8.50	69
43LQ394	390.0	30	.796	1.4	9.31	60
43LQ474	470.0	30	.796	1.2	13.9	51
43LQ564	560.0	30	.796	1.1	15.1	48
43LQ684	680.0	30	.796	1.1	15.7	40.25
43LQ824	820.0	30	.796	1.0	18.5	32
43LQ103	1000.0	30	.796	.9	22.2	30









DIMENSIONS (IN.)

7mm (.276") TUNABLE COILS

- Core material: ferrite
- Core size: .126 x .236
- L min. measured with no core
- Wire: AWG #24 S.P.

Unshielded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	L (min.) µH	L (nom.) µH	L (max.) µH	Q (min.)	Test Freq (MHz)	Price Each		
								1	100	500
434-0712-1.5C	A	Brown	.035	.037	.039	70	50	.44	.29	.26
434-0712-2.5C	A	Red	.064	.072	.080	55	50	.44	.29	.26
434-0712-3.5C	A	Orange	.085	.095	.100	80	50	.44	.29	.26
434-0712-4.5C	A	Yellow	.119	.133	.146	60	25.2	.44	.29	.26
434-0712-5.5C	A	Green	.153	.170	.187	65	25.2	.44	.29	.26
434-0712-6.5C	A	Blue	.198	.220	.240	60	25.2	.44	.29	.26
434-0712-8.5C	A	Gray	.270	.300	.330	55	25.2	.44	.29	.26
434-0712-10.5C	A	Black	.432	.480	.528	60	25.2	.44	.29	.26

Shielded

For quantities greater than listed, call for quote.

434-0712-1.5CS	B	Brown	.032	.034	.035	55	50	.60	.40	.37
434-0712-2.5CS	B	Red	.048	.054	.059	60	50	.60	.40	.37
434-0712-3.5CS	B	Orange	.065	.072	.079	60	50	.60	.40	.37
434-0712-4.5CS	B	Yellow	.090	.100	.109	45	25.2	.60	.40	.37
434-0712-5.5CS	B	Green	.109	.122	.132	45	25.2	.60	.40	.37
434-0712-6.5CS	B	Blue	.130	.145	.159	50	25.2	.60	.40	.37
434-0712-8.5CS	B	Gray	.171	.190	.209	45	25.2	.60	.40	.37
434-0712-10.5CS	B	Black	.270	.300	.330	50	25.2	.60	.40	.37

10mm (.394") TUNABLE COILS

- Core material: carbonyl J
- Core size: .18 x .236
- L min. measured with no core
- Wire: AWG #22 S.P.

Unshielded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	L (min.) µH	L (nom.) µH	L (max.) µH	Q (min.)	Test Freq (MHz)	Price Each		
								1	100	500
434-1012-1.5C	C	Brown	.041	.042	.044	65	50	.44	.29	.26
434-1012-2.5C	C	Red	.070	.078	.085	90	50	.44	.29	.26
434-1012-3.5C	C	Orange	.108	.120	.132	80	50	.44	.29	.26
434-1012-4.5C	C	Yellow	.144	.160	.176	80	25.2	.44	.29	.26
434-1012-5.5C	C	Green	.172	.192	.211	90	25.2	.44	.29	.26
434-1012-6.5C	C	Blue	.230	.260	.286	80	25.2	.44	.29	.26
434-1012-8.5C	C	Gray	.333	.370	.407	95	25.2	.44	.29	.26
434-1012-10.5C	C	Black	.450	.500	.550	115	25.2	.44	.29	.26

Shielded

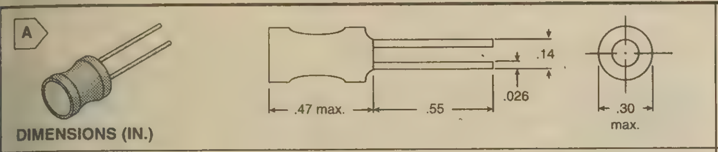
For quantities greater than listed, call for quote.

434-1012-1.5CS	D	Brown	.038	.039	.040	55	50	.60	.40	.37
434-1012-2.5CS	D	Red	.059	.065	.070	80	50	.60	.40	.37
434-1012-3.5CS	D	Orange	.085	.094	.100	60	50	.60	.40	.37
434-1012-4.5CS	D	Yellow	.112	.124	.136	60	25.2	.60	.40	.37
434-1012-5.5CS	D	Green	.135	.150	.165	80	25.2	.60	.40	.37
434-1012-6.5CS	D	Blue	.169	.188	.206	60	25.2	.60	.40	.37
434-1012-8.5CS	D	Gray	.243	.270	.297	65	25.2	.60	.40	.37
434-1012-10.5CS	D	Black	.297	.330	.363	65	25.2	.60	.40	.37

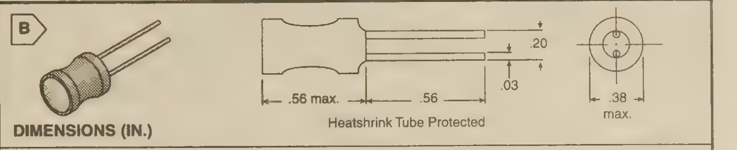
Pluggable and Epoxy Dipped Coils

XICON Fastron HIGH RELIABILITY PLUGGABLE COILS

Features:
- All 5% inductance tolerance
- Multi-layer windings on ferrite cores
- Heatshrink tube protected or ferrite magnetic shielded
- Sturdy pluggable radial construction with solder dipped leads
- Wide selection of medium to high inductances

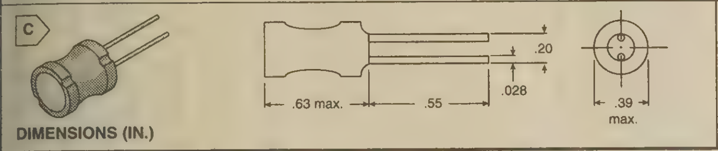


DIMENSIONS (IN.)

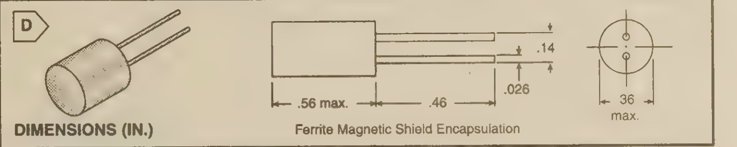


DIMENSIONS (IN.)

Heatshrink Tube Protected



DIMENSIONS (IN.)



DIMENSIONS (IN.)

Ferrite Magnetic Shield Encapsulation

7mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 kHz µH	Inductance @ 20 kHz mH	Q Min.	Test Freq. (kHz)	Res. Freq. (kHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each 1	100	500	1000
434-17-681J	A	680	0.68	80	796	2300	3.7	170	1.00	.80	.73	.66
434-17-821J	A	820	0.82	80	796	2100	4.1	160	1.00	.80	.73	.66
434-17-102J	A	1000	1.00	100	252	1800	5.4	150	1.00	.80	.73	.66
434-17-122J	A	1200	1.20	100	252	1600	5.8	140	1.00	.80	.73	.66
434-17-152J	A	1500	1.50	100	252	1500	6.5	130	1.00	.80	.73	.66
434-17-182J	A	1800	1.80	100	252	1400	7.5	120	1.00	.80	.73	.66
434-17-222J	A	2200	2.20	100	252	1300	8.8	110	1.00	.80	.73	.66
434-17-272J	A	2700	2.70	100	252	1200	9.8	100	1.00	.80	.73	.66
434-17-332J	A	3300	3.30	100	252	1100	13.0	80	1.00	.80	.73	.66
434-17-392J	A	3900	3.90	100	252	1000	16.5	75	1.00	.80	.73	.66
434-17-472J	A	4700	4.70	100	252	900	18.5	70	1.00	.80	.73	.66
434-17-562J	A	5600	5.60	100	252	800	21.0	60	1.00	.80	.73	.66
434-17-682J	A	6800	6.80	100	252	700	29.0	55	1.00	.80	.73	.66
434-17-822J	A	8200	8.20	100	252	650	33.0	50	1.00	.80	.73	.66

9mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 kHz µH	Inductance @ 20 kHz mH	Q Min.	Test Freq. (kHz)	Res. Freq. (kHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each 1	100	500	1000
434-01-101J	B	100	0.10	40	796	5000	0.3	790	1.14	.91	.83	.75
434-01-151J	B	150	0.15	40	796	4000	0.4	650	1.14	.91	.83	.75
434-01-221J	B	220	0.22	30	796	3300	0.5	530	1.14	.91	.83	.75
434-01-331J	B	330	0.33	35	796	2700	1.0	500	1.14	.91	.83	.75
434-01-391J	B	390	0.39	35	796	2500	1.1	460	1.14	.91	.83	.75
434-01-471J	B	470	0.47	35	796	2300	1.3	420	1.14	.91	.83	.75
434-01-561J	B	560	0.56	35	796	2000	1.5	400	1.14	.91	.83	.75
434-01-681J	B	680	0.68	35	796	1900	1.9	350	1.14	.91	.83	.75
434-01-821J	B	820	0.82	35	796	1700	2.2	310	1.14	.91	.83	.75
434-01-102J	B	1000	1.00	70	252	1600	2.6	280	1.14	.91	.83	.75
434-01-122J	B	1200	1.20	70	252	1400	3.0	250	1.14	.91	.83	.75
434-01-152J	B	1500	1.50	70	252	1200	5.1	220	1.14	.91	.83	.75
434-01-182J	B	1800	1.80	70	252	1100	5.6	200	1.14	.91	.83	.75
434-01-222J	B	2200	2.20	70	252	1000	7.0	180	1.14	.91	.83	.75
434-01-272J	B	2700	2.70	70	252	900	8.0	170	1.14	.91	.83	.75
434-01-332J	B	3300	3.30	70	252	800	9.0	150	1.14	.91	.83	.75
434-01-392J	B	3900	3.90	70	252	750	10.0	140	1.14	.91	.83	.75
434-01-472J	B	4700	4.70	70	252	650	11.5	130	1.14	.91	.83	.75
434-01-562J	B	5600	5.60	70	252	630	15.0	120	1.14	.91	.83	.75
434-01-682J	B	6800	6.80	70	252	570	17.0	110	1.14	.91	.83	.75
434-01-822J	B	8200	8.20	70	252	500	20.0	100	1.14	.91	.83	.75
434-01-103J	B	10000	10.00	70	79	410	35.0	90	1.14	.91	.83	.75
434-01-123J	B	12000	12.00	70	79	380	40.0	80	1.14	.91	.83	.75
434-01-153J	B	15000	15.00	70	79	350	45.0	70	1.14	.91	.83	.75
434-01-183J	B	18000	18.00	70	79	340	50.0	65	1.14	.91	.83	.75
434-01-223J	B	22000	22.00	70	79	300	58.0	60	1.14	.91	.83	.75
434-01-273J	B	27000	27.00	70	79	290	70.0	55	1.14	.91	.83	.75
434-01-333J	B	33000	33.00	70	79	260	75.0	50	1.14	.91	.83	.75

11mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 kHz µH	Inductance @ 20 kHz mH	Q Min.	Test Freq. (kHz)	Res. Freq. (kHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each 1	100	500	1000
434-03-103J	C	10000	10.0	50	79.6	350	23	110	1.36	1.04	.94	.85
434-03-123J	C	12000	12.0	50	79.6	320	24	100	1.36	1.04	.94	.85
434-03-153J	C	15000	15.0	50	79.6	290	28	90	1.36	1.04	.94	.85
434-03-183J	C	18000	18.0	50	79.6	280	34	85	1.36	1.04	.94	.85
434-03-223J	C	22000	22.0	50	79.6	250	39	80	1.36	1.04	.94	.85
434-03-273J	C	27000	27.0	50	79.6	210	48	70	1.36	1.04	.94	.85
434-03-333J	C	33000	33.0	50	79.6	200	56	65	1.36	1.04	.94	.85
434-03-393J	C	39000	39.0	50	79.6	190	62	60	1.36	1.04	.94	.85
434-03-473J	C	47000	47.0	50	79.6	180	73	55	1.36	1.04	.94	.85
434-03-563J	C	56000	56.0	50	79.6	140	115	50	1.36	1.04	.94	.85
434-03-683J	C	68000	68.0	50	79.6	130	120	50	1.36	1.04	.94	.85
434-03-823J	C	82000	82.0	50	79.6	120	150	45	1.36	1.04	.94	.85
434-03-104J	C	100000	100.0	50	25.2	110	155	40	1.36	1.04	.94	.85
434-03-124J	C	120000	120.0	50	25.2	90	200	35	1.36	1.04	.94	.85
434-03-154J	C	150000	150.0	50	25.2	80	205	35	1.36	1.04	.94	.85

10mm, Magnetic Shielded

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Inductance @ 20 kHz µH	Inductance @ 20 kHz mH	Q Min.	Test Freq. (kHz)	Res. Freq. (kHz)	DCR Max. (Ω)	Max DC Current (mA)	Price Each 1	100	500	1000
434-02-102J	D	1000	1.0	70	796	2040	3.4	90	1.48	1.14	1.05	.95
434-02-122J	D	1200	1.2	70	252	1800	3.7	75	1.48	1.14	1.05	.95
434-02-152J	D	1500	1.5	70	252	1350	4.0	70	1.48	1.14	1.05	.95
434-02-182J	D	1800	1.8	70	252	1150	4.5	65	1.48	1.14	1.05	.95
434-02-222J	D	2200	2.2	70	252	1400	5.2	60	1.48	1.14	1.05	.95
434-02-272J	D	2700	2.7	70	252	1000	5.8	55	1.48	1.14	1.05	.95
434-02-332J	D	3300	3.3	100	252	1100	6.1	50	1.48	1.14	1.05	.95
434-02-392J	D	3900	3.9	100	252	990	7.2	45	1.48	1.14	1.05	.95
434-02-472J	D	4700	4.7	100	252	870	7.5	40	1.48	1.14	1.05	.95
434-02-562J	D	5600	5.6	100	252	750	8.4	40	1.48	1.14	1.05	.95
434-02-682J	D	6800	6.8	100	252	758	9.7	35	1.48	1.14	1.05	.95
434-02-822J	D	8200	8.2	100	252	600	10.4	30	1.48	1.14	1.05	.95
434-02-103J	D	10000	10	100	79	700	12.1	25	1.48	1.14	1.05	.95
434-02-123J	D	12000	12	100	79	450	13.0	25	1.48	1.14	1.05	.95
434-02-153J	D	15000	15	100	79	400	15.0	25	1.48	1.14	1.05	.95
434-02-183J	D	18000	18	100	79	525	17.0	22	1.48	1.14	1.05	.95
434-02-223J	D	22000	22	100	79	460	19.5	21	1.48	1.14	1.05	.95
434-02-273J	D	27000	27	100	79	400	22.0	18	1.48	1.14	1.05	.95
434-02-333J	D	33000	33	100	79	350	26.0	17	1.48	1.14	1.05	.95
434-02-393J	D	39000	39	100	79	350	45.0	15	1.48	1.14	1.05	.95
434-02-473J	D	47000	47	100	79	300	52.0	13	1.48	1.14	1.05	.95
434-02-563J	D	56000	56	100	79	250	58.0	12	1.48	1.14	1.05	.95
434-02-683J	D	68000	68	100	79	220	66.0	12	1.48	1.14	1.05	.95
434-02-823J	D	82000	82	100	79	200	71.0	10	1.48	1.14	1.05	.95

HiQ MAGNETICS EPOXY DIPPED PEAKING COILS

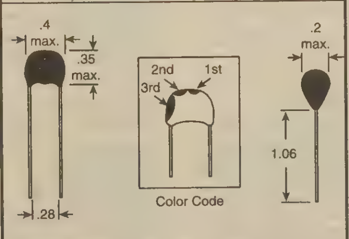
- Inductive tolerance: .22 to 1.0µH ±20%, 1.2 to 1000µH±10%
- Radial Lead
- Epoxy dipped
- Subminiature
- High Q (30 min.)
- Iron Core

MOUSER STOCK NO.	L (µH)	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Color Code 1st	2nd	3rd
43LR227	.22	25.200	287.0	.123	- - -	Red	Red	Slvr
43LR337	.33	25.200	217.0	.138	- - -	Org	Org	Slvr
43LR477	.47	25.200	161.0	.150	- - -	Yel	Vio	Slvr
43LR687	.68	25.200	126.0	.167	- - -	Blu	Gry	Slvr
43LR106	1.00	7.960	96.0	.201	330	Brn	Blk	Gld
43LR126	1.20	7.960	84.0	.218	320	Brn	Red	Gld
43LR156	1.50	7.960	71.0	.240	315	Brn	Grn	Gld
43LR226	2.20	7.960	55.0	.280	300	Red	Red	Gld
43LR276	2.70	7.960	50.0	.281	295	Red	Vio	Gld
43LR336	3.30	7.960	43.0	.338	285	Org	Org	Gld
43LR476	4.70	7.960	33.0	.420	275	Yel	Vio	Gld
43LR566	5.60	7.960	29.0	.450	270	Grn	Blu	Gld
43LR686	6.80	7.960	25.0	.488	260	Blu	Gry	Gld
43LR105	10.00	2.520	20.0	1.140	250	Brn	Blk	Blk
43LR155	15.00	2.520	13.0	1.400	235	Brn	Grn	Blk
43LR185	18.00	2.520	12.0	1.550	225	Brn	Gry	Blk
43LR225	22.00	2.520	10.0	1.730	220	Red	Red	Blk
43LR275	27.00	2.520	9.0	1.950	215	Red	Vio	Blk

Price Each 1	100	500	1000
.46	.30	.26	.21

For quantities greater than listed, call for quote.

DIMENSIONS (IN.)



MOUSER STOCK NO.	L (µH)	Test Freq. (MHz)	Res. Freq. (MHz)	DCR Max. (Ω)	Max DC Current (mA)	Color Code 1st	2nd	3rd
43LR335	33	2.520	8.0	2.150	205	Org	Org	Blk
43LR395	39	2.520	7.0	2.360	200	Org	Wht	Blk
43LR475	47	2.520	9.0	1.940	190	Yel	Vio	Blk
43LR565	56	2.520	9.0	1.950	180	Grn	Blu	Blk
43LR685	68	2.520	8.0	2.120	170	Blu	Gry	Blk
43LR825	82	2.520	8.0	2.400	160	Gry	Red	Blk
43LR104	100	0.796	7.0	2.850	150	Brn	Blk	Brn
43LR124	120	0.796	6.0	4.350	145	Brn	Red	Brn
43LR154	150	0.796	5.0	3.600	130	Brn	Grn	Brn
43LR184	180	0.796	4.0	4.020	120	Brn	Gry	Brn
43LR224	220	0.796	4.0	4.700	115	Red	Red	Brn
43LR274	270	0.796	3.0	5.400	105	Red	Vio	Brn
43LR334	330	0.796	3.0	7.500	100	Org	Org	Brn
43LR394	390	0.796	3.0	8.550	90	Org	Wht	Brn
43LR474	470	0.796	2.8	9.900	85	Yel	Vio	Brn
43LR564	560	0.796	2.5	11.400	80	Grn	Blu	Brn
43LR684	680	0.796	2.3	10.800	68	Blu	Gry	Brn
43LR824	820	0.796	2.1	12.300	58	Gry	Red	Brn
43LR103	1000	0.252	1.9	14.100	50	Brn	Blk	Red

RFI Suppression Coils and Antennas

RFI SUPPRESSION COILS

These RFI suppression coils feature inductance ranges from 1µH to 10,000µH capable of handling currents from 80mA to 12 amps. Non-standard values and tape/reel packaging are available on request.

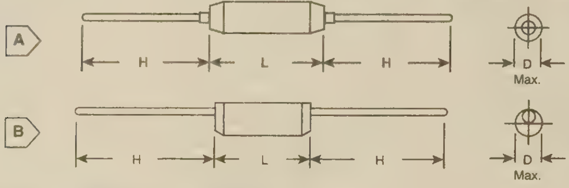
E169264

Features:

- UL recognized and VDE approved
- Direct cross to Siemens suppression coils
- Meets MIL-STD-790

Specifications:

- Operating temperature range: -55°C - +125°C
- Dielectric insulation strength: 2.5KV
- Inductive tolerance: ±20%
- Rated inductance measured at : 1MHz for L ≤ 10µH
  100kHz for 10µH < L ≤ 1000µH
  10kHz for L > 1000µH



Miniature Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-08-1R0M	A	1	4.00	15	.472	.197	1.48	.59	.36	.33	.30
434-08-2R0M	A	2	3.00	45	.472	.197	1.48	.59	.36	.33	.30
434-08-3R0M	A	3	2.00	77	.472	.197	1.48	.59	.36	.33	.30
434-08-6R0M	A	6	1.50	190	.472	.197	1.48	.59	.36	.33	.30
434-08-140M	A	14	0.70	760	.472	.197	1.48	.59	.36	.33	.30
434-08-300M	A	30	0.40	2700	.472	.197	1.48	.59	.36	.33	.30
434-08-400M	A	40	0.30	4100	.472	.197	1.48	.59	.36	.33	.30
434-08-101M	A	100	0.15	19000	.472	.197	1.48	.59	.36	.33	.30

Small Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-09-1R0M	A	1	6.00	11	.669	.217	1.38	.65	.39	.35	.32
434-09-2R0M	A	2	4.00	20	.669	.217	1.38	.65	.39	.35	.32
434-09-3R0M	A	3	3.00	38	.669	.217	1.38	.65	.39	.35	.32
434-09-6R0M	A	6	2.00	120	.669	.217	1.38	.65	.39	.35	.32
434-09-100M	A	10	1.50	230	.669	.217	1.38	.65	.39	.35	.32
434-09-230M	A	23	0.70	730	.669	.217	1.38	.65	.39	.35	.32
434-09-161M	A	160	0.15	18000	.669	.217	1.38	.65	.39	.35	.32

Medium Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	L (µH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-10-3R0M	A	3	6.00	18	.906	.295	1.26	.69	.41	.37	.34
434-10-5R0M	A	5	4.00	34	.906	.295	1.26	.69	.41	.37	.34
434-10-100M	A	10	3.00	87	.906	.295	1.26	.69	.41	.37	.34
434-10-150M	A	15	2.00	165	.906	.295	1.26	.69	.41	.37	.34
434-10-250M	A	25	1.50	340	.906	.295	1.26	.69	.41	.37	.34
434-10-161M	A	160	0.30	6600	.906	.295	1.26	.69	.41	.37	.34
434-10-351M	A	350	0.15	19000	.906	.295	1.26	.69	.41	.37	.34

Medium Suppression Coils - Ferrite Core

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	L (µH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	100
434-11-7R0M	A	7	6.00	20	.906	.295	1.26	.69	.41	.37	.34
434-11-120M	A	12	4.00	40	.906	.295	1.26	.69	.41	.37	.34
434-11-220M	A	22	3.00	70	.906	.295	1.26	.69	.41	.37	.34
434-11-400M	A	40	2.00	180	.906	.295	1.26	.69	.41	.37	.34
434-11-560M	A	56	1.50	300	.906	.295	1.26	.69	.41	.37	.34
434-11-101M	A	100	1.00	650	.906	.295	1.26	.69	.41	.37	.34
434-11-221M	A	220	0.50	2600	.906	.295	1.26	.69	.41	.37	.34
434-11-471M	A	470	0.30	6500	.906	.295	1.26	.69	.41	.37	.34
434-11-681M	A	680	0.20	14000	.906	.295	1.26	.69	.41	.37	.34
434-11-122M	A	1200	0.10	34000	.906	.295	1.26	.69	.41	.37	.34

Large Suppression Coils - Iron Oxide Core

For quantities greater than listed, call for quot

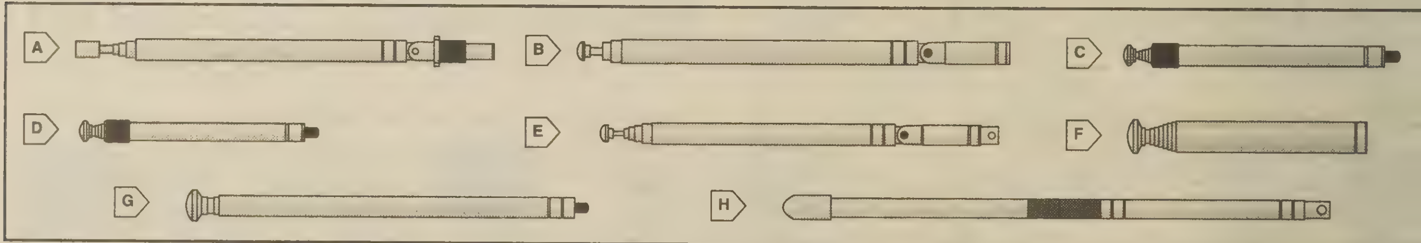
MOUSER STOCK NO.	Fig.	L (µH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	100
434-12-5R0M	A	5	6.00	23	1.10	.295	1.16	.75	.54	.50	.45
434-12-7R0M	A	7	4.00	35	1.10	.295	1.16	.75	.54	.50	.45
434-12-200M	A	20	2.00	170	1.10	.295	1.16	.75	.54	.50	.45
434-12-300M	A	30	1.50	350	1.10	.295	1.16	.75	.54	.50	.45
434-12-600M	A	60	0.70	770	1.10	.295	1.16	.75	.54	.50	.45
434-12-231M	A	230	0.30	7200	1.10	.295	1.16	.75	.54	.50	.45
434-12-471M	A	470	0.15	20000	1.10	.295	1.16	.75	.54	.50	.45

High Current Suppression Coils - Ferrite Core

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	L (µH)	Max DC Current (A)	DCR Max (mΩ)	Dimensions (In.)			Price Each			
					L	D	H	1	100	500	1000
434-13-3R9M	B	3.9	12.00	0.009	1.18	.315	1.22	1.25	.75	.68	.62
434-13-5R6M	A	5.6	8.00	0.017	1.03	.315	1.30	1.25	.75	.68	.62
434-13-100M	A	10	5.00	0.035	1.03	.315	1.30	1.25	.75	.68	.62
434-13-330M	A	33	3.50	0.07	1.03	.354	1.30	1.25	.75	.68	.62
434-13-680M	A	68	3.00	0.10	1.03	.394	1.30	1.25	.75	.68	.62
434-13-101M	A	100	2.50	0.15	1.03	.433	1.30	1.25	.75	.68	.62
434-13-151M	A	150	1.80	0.30	1.03	.433	1.30	1.25	.75	.68	.62
434-13-331M	A	330	1.40	0.50	1.03	.433	1.30	1.25	.75	.68	.62
434-13-681M	A	680	1.00	1.00	1.03	.433	1.30	1.25	.75	.68	.62
434-13-102M	A	1000	0.80	1.50	1.03	.433	1.30	1.25	.75	.68	.62
434-13-152M	A	1500	0.70	2.00	1.03	.433	1.30	1.25	.75	.68	.62
434-13-332M	A	3300	0.50	4.00	1.03	.433	1.30	1.25	.75	.68	.62
434-13-682M	A	6800	0.35	8.00	1.03	.433	1.30	1.25	.75	.68	.62
434-13-103M	A	10000	0.30	12.00	1.03	.433	1.30	1.25	.75	.68	.62

ANTENNAS



∗48SM026 - Screw for 43AR103 and 43AR106

†48SM003 - Screw for 43AR105 and 430-1002

Telescoping

MOUSER STOCK NO.	Fig.	Length (In.)		Dia. (In.)	Sect.	Thread Size D x P (mm)	Price Each			
		Extended	Collapsed				1	10	100	500
430-1000	A	31.5	8.0	0.240	5	- - - - -	3.84	3.49	3.18	2.89
430-1002	B	25.8	7.0	0.236	5	3.0 x 0.50†	4.03	3.59	3.30	3.04
430-1033	C	13.0	3.2	0.236	6	3.0 x 0.50	3.73	3.36	3.09	2.84
430-1096	D	17.6	3.58	0.236	6	3.0 x 0.50	3.73	3.36	3.09	2.84
430-1415	E	34.6	6.89	0.236	6	- - - - -	4.03	3.59	3.30	3.08

Telescoping

MOUSER STOCK NO.	Fig.	Length (In.)		Dia. (In.)	Sect.	Thread Size D x P (mm)	Price Each			
		Extended	Collapsed				1	10	100	500
43AR103	F	19.8	3.6	.32	8	2.6 x 0.45 ∗	2.39	1.99	1.79	1.62
43AR104	G	20.5	6.0	.17	4	3.0 x 0.50	1.56	1.17	1.07	.98
43AR105	F	33.3	5.8	.28	7	3.0 x 0.50 †	2.63	2.19	1.99	1.86
43AR106	F	19.0	4.25	.24	6	2.6 x 0.45 ∗	1.38	1.13	1.04	.95

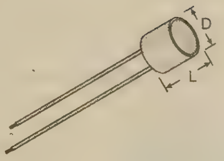
Flexible

MOUSER STOCK NO.	Fig.	Length (In.)		Base Dia. (In.)	Imped. (Ω)	Resonant Freq. MHz	Price Each			
		Rigid	Flexible				1	10	100	500
430-1031	H	3.9	5.75	0.236	50	49	7.75	6.90	6.35	5.84

Chokes and Coils

ECONOMY ENCAPSULATED RF CHOKES

Miniature fixed inductor wound on a ferrite core and resin encapsulated into a molded plastic case. These RF chokes exhibit excellent moisture resistance and vibration endurance.



For quantities greater than listed, call for quote.

Series	Dim. (in.)		Price Each			
	L	D	1	100	500	1000
434-1120	.51	.35	.99	.75	.69	.69
43LH	.55	.41	1.15	.99	.79	.75
43LJ	.63	.5	1.18	.90	.82	.74

434-1120 Series

- Temperature: -25°C to +85°C

MOUSER STOCK NO.	L		Toler- ance	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
	(µH)	(mH)						
434-1120-220L	22	.022	±15%	30	2.52	11.0	0.3	600
434-1120-330L	33	.033	±15%	30	2.52	9.7	0.35	500
434-1120-680L	68	.068	±15%	30	2.52	7.1	0.6	378
434-1120-101L	100	.100	±15%	50	.796	5.9	1.0	300
434-1120-151L	150	.150	±15%	50	.796	5.0	1.3	300
434-1120-221L	220	.220	±15%	50	.796	4.1	2.0	200
434-1120-331L	330	.330	±15%	50	.796	3.3	2.8	150
434-1120-561L	560	.560	±15%	50	.796	2.6	4.0	150
434-1120-103K	1000	1.000	±10%	80	.252	1.8	5.5	100
434-1120-123K	1200	1.200	±10%	80	.252	1.6	6.0	100
434-1120-153K	1500	1.500	±10%	80	.252	1.45	7.0	100
434-1120-223K	2200	2.200	±10%	80	.252	1.1	9.0	100
434-1120-393K	3900	3.900	±10%	80	.252	0.74	15.0	87
434-1120-473K	4700	4.700	±10%	80	.252	0.63	20.0	80
434-1120-104K	10,000	10.000	±10%	80	.0796	0.21	40.0	58
434-1120-124K	12,000	12.000	±10%	80	.0796	0.11	45.0	50

43LH Series

- Temperature: -25°C to +85°C

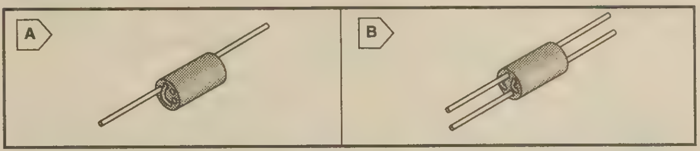
MOUSER STOCK NO.	L		Toler- ance	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
	(µH)	(mH)						
43LH210	1000	1.0	±10%	60	.252	1.40	2.5	250
43LH212	1200	1.2	±10%	75	.252	1.30	3.0	250
43LH215	1500	1.5	±10%	75	.252	1.10	5.0	150
43LH218	1800	1.8	±10%	75	.252	1.00	5.5	150
43LH222	2200	2.2	±10%	75	.252	0.90	7.0	150
43LH227	2700	2.7	±10%	75	.252	0.80	8.0	150
43LH233	3300	3.3	±10%	75	.252	0.70	9.0	150
43LH239	3900	3.9	±10%	75	.252	0.68	10.0	150
43LH247	4700	4.7	±10%	60	.252	0.65	11.5	100
43LH268	6800	6.8	±10%	45	.252	0.45	16.8	100
43LH282	8200	8.2	±10%	45	.252	0.40	19.5	100
43LH310	10000	10.0	±10%	80	.0796	0.35	34.0	50
43LH312	12000	12.0	±10%	80	.0796	0.33	39.0	50
43LH322	22000	22.0	±10%	80	.0796	0.25	57.0	50
43LH327	27000	27.0	±10%	80	.0796	0.20	70.0	50
43LH333	33000	33.0	±10%	80	.0796	0.19	75.0	50

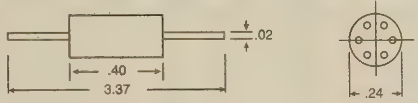
43LJ Series

- Temperature: -25°C to +85°C

MOUSER STOCK NO.	L		Toler- ance	Q Min.	Test Freq. (MHz)	Res. Freq. (MHz)	D.C.R. Max. (Ω)	Max. DC Current (mA)
	(µH)	(mH)						
43LJ310	10000	10.0	±10%	100	.0796	0.30	22.0	100
43LJ312	12000	12.0	±10%	100	.0796	0.25	23.0	100
43LJ315	15000	15.0	±10%	100	.0796	0.20	27.0	100
43LJ318	18000	18.0	±10%	60	.0796	0.19	34.0	100
43LJ322	22000	22.0	±10%	60	.0796	0.18	40.0	100
43LJ327	27000	27.0	±10%	60	.0796	0.17	47.0	100
43LJ333	33000	33.0	±10%	60	.0796	0.16	55.0	80
43LJ339	39000	39.0	±10%	35	.0796	0.14	60.0	80
43LJ347	47000	47.0	±10%	35	.0796	0.13	72.0	80
43LJ356	56000	56.0	±10%	35	.0796	0.12	110.0	50
43LJ368	68000	68.0	±10%	35	.0796	0.11	120.0	50
43LJ382	82000	82.0	±10%	35	.0796	0.09	150.0	50
43LJ410	100000	100.0	±10%	30	.0252	0.08	150.0	30
43LJ412	120000	120.0	±10%	30	.0252	0.07	200.0	30
43LJ415	150000	150.0	±10%	30	.0252	0.06	250.0	30

XICON Fastron WIDEBAND CHOKES





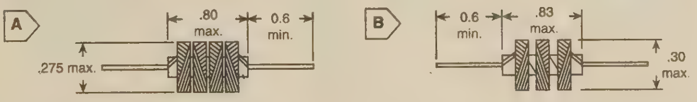
Specifications:

- 6 hole ferrite core
- 1.5" 24AWG leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Winding	Impedance Min. (Ω)				Price Each			
			10MHz	50MHz	100MHz	200MHz	1	100	500	1000
434-6H-351	A	1.5	170	320	375	- - -	.39	.35	.31	.29
434-6H-451	A	1.5	- - -	350	490	300	.39	.35	.31	.29
434-6H-751	A	2.5	320	680	580	- - -	.39	.35	.31	.29
434-6H-851	A	2.5	- - -	800	575	250	.39	.35	.31	.29
434-6H-901	B	2x1.5	170	320	375	- - -	.39	.35	.31	.29
434-6H-102	B	2x1.5	- - -	350	490	300	.39	.35	.31	.29

HiQ MAGNETICS PI- WOUND RF CHOKES



DIMENSIONS (IN.)

Specifications:

- Tolerance: ±10%
- Similar to J.W. Miller 4600 series
- Core material: ferrite

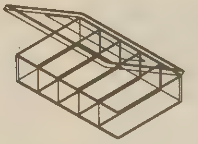
For quantities greater than listed, call for quote.

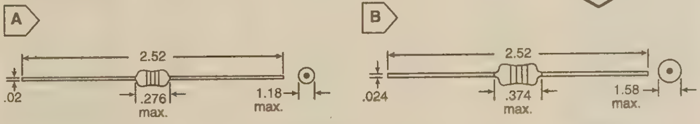
MOUSER STOCK NO.	Fig.	L (mH)	Q Min.	D.C.R. (Ω) ±20%	Price Each		
					1	100	500
434-2100	A	1	20	15	2.53	2.11	1.91
434-2250	A	2.5	30	26	2.53	2.11	1.91
434-2500	B	5	30	48	2.92	2.43	2.21

EPOXY CONFORMAL COATED CHOKE KITS

Specifications:

- Solderability: according to MIL-STD-202F method 208D
- Operating temperature: IEC climactic category: 55/125/56
  DIN climactic category: FKF: -55 to 125 C, humidity category F
- Product assurance: according to MIL-STD-790
- EIA color coded





DIMENSIONS (IN.)

E169264

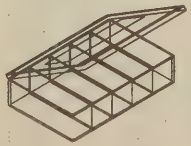
MOUSER STOCK NO.	Fig.	Range of Values	Pieces in Kit	List of Values (µH)	Price Each
370-MICC	A	.15µH to 1000µH	240	**10 each:** .15, .22, .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 15, 22, 33, 47, 68, 100, 150, 220, 330, 470, 680, 1000µH	89.95
370-SMCC	B	.33µH to 1000µH	240	**10 each:** .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 12, 15, 18, 22, 27, 33, 47, 100, 150, 220, 330, 470, 680, and 1000µH	89.95

EPOXY DIPPED PEAKING COIL KIT

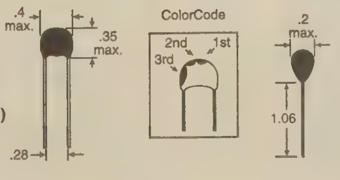
Specifications:

- Inductive tolerance: .22 to 1.0µH±20%, 1.2 to 1000µH±10%
- Radial leads
- Epoxy dipped
- Subminiature
- High Q (30 min.)
- Iron core

MOUSER STOCK NO.	Range of Values	Pieces in Kit	List of Values (µH)	Price Each
370-RFC-1	.22-1000µH	180	**10 each:** .22, .47, 1.0, 2.2, 3.3, 4.7, 10, 15, 22, 33, 47, 68, 100, 220, 330, 470, 680, 1000µH	49.95



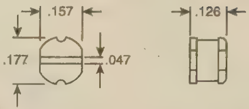
DIMENSIONS (IN.)



CALL MOUSER (800) 346-6873

SMT POWER INDUCTORS

PM43 Series

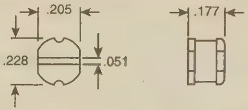


DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Test Freq.	Fo Typ. MHz	Rdc Max. Ohms	Idc Max Amps	Price Each 1	100	250
542-PM43-100M	10	20%	2.5MHz	35.8	0.182	1.04	**2.61**	**1.74**	**1.45**
542-PM43-180M	18	20%	2.5MHz	27.5	0.338	0.74	**2.61**	**1.74**	**1.45**
542-PM43-220M	22	20%	2.5MHz	24.7	0.378	0.68	**2.61**	**1.74**	**1.45**
542-PM43-330K	33	10%	2.5MHz	19.6	0.540	0.56	**2.61**	**1.74**	**1.45**
542-PM43-470K	47	10%	2.5MHz	15.6	0.844	0.44	**2.61**	**1.74**	**1.45**
542-PM43-680K	68	10%	2.5MHz	13.2	1.117	0.37	**2.61**	**1.74**	**1.45**

PM54 Series

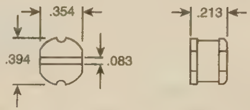


DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Test Freq.	Fo Typ. MHz	Rdc Max. Ohms	Idc Max Amps	Price Each 1	100	250
542-PM54-100M	10	20%	2.5MHz	30.6	0.10	1.44	**2.61**	**1.74**	**1.45**
542-PM54-180M	18	20%	2.5MHz	23.3	0.15	1.23	**2.61**	**1.74**	**1.45**
542-PM54-330L	33	15%	2.5MHz	16.3	0.23	0.88	**2.61**	**1.74**	**1.45**
542-PM54-470L	47	15%	2.5MHz	13.6	0.37	0.72	**2.61**	**1.74**	**1.45**
542-PM54-680K	68	10%	2.5MHz	11.7	0.46	0.61	**2.61**	**1.74**	**1.45**
542-PM54-101K	100	10%	1kHz	9.24	0.70	0.52	**2.61**	**1.74**	**1.45**
542-PM54-221K	220	10%	1kHz	5.73	1.57	0.35	**2.61**	**1.74**	**1.45**

PM105 Series

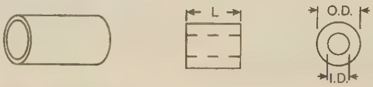


DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Test Freq.	Fo Typ. MHz	Rdc Max. Ohms	Idc Max Amps	Price Each 1	100	250
542-PM105-100M	10	20%	2.5MHz	25.1	0.06	2.60	**3.29**	**2.35**	**1.81**
542-PM105-101K	100	10%	1kHz	7.64	0.35	0.97	**3.29**	**2.35**	**1.81**
542-PM105-151K	150	10%	1kHz	5.86	0.47	0.78	**3.29**	**2.35**	**1.81**
542-PM105-221K	220	10%	1kHz	5.25	0.73	0.66	**3.29**	**2.35**	**1.81**

FERRITE BEADS



DIMENSIONS (IN.)

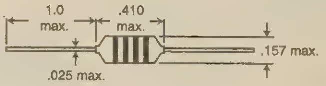
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Freq. Range (MHz)	Max. Dim. (In.) O.D.	I.D.	L	Price Each 1	100	250
542-FB73-085	up to 40	.056	.031	.095	**.48**	**.35**	**.27**
542-FB43-226	40-200	.146	.055	.246	**.25**	**.18**	**.14**
542-FB73-226	up to 40	.146	.055	.246	**.36**	**.27**	**.20**
542-FB73-110	up to 40	.146	.055	.138	**.25**	**.18**	**.14**
542-FB43-110	40-200	.146	.055	.138	**.12**	**.09**	**.07**
542-FB64-110	above 200	.146	.055	.138	**.25**	**.18**	**.14**
542-FB43-422	40-200	.210	.067	.452	**.36**	**.27**	**.20**
542-FB73-422	up to 40	.210	.067	.452	**.36**	**.27**	**.20**
542-FB43-287	40-200	.301	.099	.307	**.36**	**.27**	**.20**
542-FB73-287	up to 40	.301	.099	.307	**.48**	**.35**	**.27**

CONFORMAL COATED CHOKES

DIMENSIONS (IN.)

Specifications:
- Epoxy coated
- Working voltage: 250VDC (max.)
- Operating temperature: -20°C to +105°C
- Core material: ferrite
- Leads: tinned copper wire



77F Series

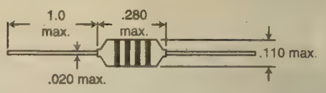
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each 1	100	250
542-77F6R8	6.8	10%	75	7.9	68.0	0.48	550	**.55**	**.40**	**.30**
542-77F100	10	10%	85	7.9	45.0	0.58	500	**.55**	**.40**	**.30**
542-77F270	27	10%	55	2.5	7.6	0.94	390	**.55**	**.40**	**.30**
542-77F330	33	5%	55	2.5	6.3	1.03	370	**.55**	**.40**	**.30**
542-77F470	47	5%	45	2.5	6.3	1.22	340	**.55**	**.40**	**.30**
542-77F820	82	5%	35	2.5	5.3	1.62	290	**.55**	**.40**	**.30**
542-77F101	100	5%	30	2.5	4.8	1.80	275	**.55**	**.40**	**.30**
542-77F221	220	5%	70	0.79	3.0	5.10	155	**.55**	**.40**	**.30**
542-77F331	330	5%	65	0.79	2.6	6.40	137	**.55**	**.40**	**.30**
542-77F391	390	5%	65	0.79	2.4	7.00	133	**.55**	**.40**	**.30**
542-77F102	1000	5%	50	0.79	1.4	14.00	100	**.55**	**.40**	**.30**

CONFORMAL COATED CHOKES

DIMENSIONS (IN.)

Specifications:
- Epoxy coated
- Working voltage: 250VDC (max.)
- Operating temperature: -20°C to +105°C
- Core material: ferrite
- Leads: tinned copper wire



78F Series

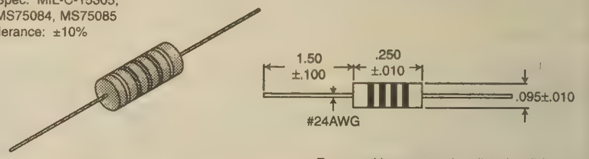
For quantities greater than listed, call for quote

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each 1	100	250
542-78FR22	.22	10%	40	25.0	380.0	0.08	1025	**.55**	**.40**	**.30**
542-78FR68	.68	10%	40	25.0	250.0	0.12	495	**.55**	**.40**	**.30**
542-78F1R0	1.0	10%	40	25.0	180.0	0.15	385	**.55**	**.40**	**.30**
542-78F1R8	1.8	10%	50	7.9	125.0	0.25	455	**.55**	**.40**	**.30**
542-78F2R7	2.7	10%	50	7.9	95.0	0.30	355	**.55**	**.40**	**.30**
542-78F3R3	3.3	5%	50	7.9	70.0	0.34	270	**.55**	**.40**	**.30**
542-78F4R7	4.7	5%	45	7.9	50.0	0.35	230	**.55**	**.40**	**.30**
542-78F8R2	8.2	5%	40	7.9	28.0	0.55	155	**.55**	**.40**	**.30**
542-78F100	10	5%	40	7.9	22.0	0.72	130	**.55**	**.40**	**.30**
542-78F120	12	5%	45	2.5	20.0	0.80	155	**.55**	**.40**	**.30**
542-78F220	22	5%	50	2.5	13.0	1.20	140	**.55**	**.40**	**.30**
542-78F270	27	5%	50	2.5	11.0	1.35	135	**.55**	**.40**	**.30**
542-78F330	33	5%	50	2.5	10.0	1.50	193	**.55**	**.40**	**.30**
542-78F390	39	5%	50	2.5	9.5	1.70	185	**.55**	**.40**	**.30**
542-78F470	47	5%	60	2.5	8.5	2.30	167	**.55**	**.40**	**.30**
542-78F101	100	5%	60	2.5	5.5	3.5	125	**.55**	**.40**	**.30**
542-78F121	120	5%	60	0.79	5.4	3.8	100	**.55**	**.40**	**.30**
542-78F221	220	5%	60	0.79	4.0	5.7	76	**.55**	**.40**	**.30**
542-78F471	470	5%	60	0.79	2.5	11.6	53	**.55**	**.40**	**.30**

9230 SERIES MOLDED RF CHOKES

Specifications:
- Meets MIL Spec: MIL-C-15305, MS75083, MS75084, MS75085
- Inductive tolerance: ±10%

DIMENSIONS (IN.)



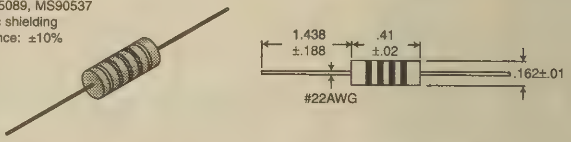
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each 1	100	250
542-9230-94	0.1	40	25.0	690	0.07	1100	**1.06**	**.77**	**.58**
542-9230-00	0.15	38	25.0	600	0.1	1100	**1.06**	**.77**	**.58**
542-9230-04	0.22	33	25.0	510	0.14	935	**1.06**	**.77**	**.58**
542-9230-10	0.39	30	25.0	380	0.3	640	**1.06**	**.77**	**.58**
542-9230-12	0.47	30	25.0	340	0.35	590	**1.06**	**.77**	**.58**
542-9230-14	0.56	30	25.0	300	0.5	495	**1.06**	**.77**	**.58**
542-9230-16	0.68	28	25.0	275	0.6	450	**1.06**	**.77**	**.58**
542-9230-20	1.0	25	25.0	230	1.0	350	**1.06**	**.77**	**.58**
542-9230-32	3.3	45	7.9	90	0.85	380	**1.40**	**1.03**	**.77**
542-9230-34	3.9	45	7.9	82	1.0	350	**1.40**	**1.03**	**.77**
542-9230-36	4.7	45	7.9	75	1.2	320	**1.40**	**1.03**	**.77**
542-9230-44	10.0	55	7.9	50	3.7	180	**1.57**	**1.15**	**.87**
542-9230-52	22.0	50	2.5	25	3.3	190	**1.60**	**1.18**	**.88**
542-9230-56	33.0	45	2.5	24	3.4	187	**1.71**	**1.25**	**.94**
542-9230-64	68.0	50	2.5	15	6.7	135	**1.71**	**1.25**	**.94**
542-9230-68	100.0	50	2.5	13	8.0	125	**1.71**	**1.25**	**.94**
542-9230-70	120.0	30	0.79	12	13.0	97	**1.81**	**1.33**	**1.00**

9250 SERIES SHIELDED MOLDED RF CHOKES

Specifications:
- Meets MIL Spec: MIL-C-15305, MS75088, MS75089, MS90537
- Electromagnetic shielding
- Inductive tolerance: ±10%

DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

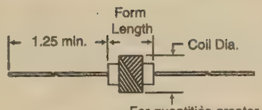
MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each 1	100	250
542-9250-102	1.0	44	25.0	140.0	0.07	1070	**2.89**	**2.12**	**1.59**
542-9250-222	2.2	44	7.9	100.0	0.19	650	**2.89**	**2.12**	**1.59**
542-9250-472	4.7	44	7.9	70.0	0.55	380	**2.89**	**2.12**	**1.59**
542-9250-103	10	50	7.9	46.0	1.62	220	**2.89**	**2.12**	**1.59**
542-9250-223	22	45	2.5	41.0	0.96	290	**2.89**	**2.12**	**1.59**
542-9250-473	47	50	2.5	27.0	2.11	195	**3.18**	**2.33**	**1.75**
542-9250-104	100	50	2.5	10.0	3.12	160	**3.48**	**2.55**	**1.91**
542-9250-224	220	55	0.79	7.5	5.0	125	**3.48**	**2.55**	**1.91**
542-9250-474	470	60	0.79	5.7	9.5	92	**3.48**	**2.55**	**1.91**
542-9250-105	1000	60	0.79	3.8	17.5	70	**3.48**	**2.55**	**1.91**
542-9250-225	2200	45	0.25	0.97	33.8	50	**3.98**	**2.92**	**2.19**
542-9250-106	10000	40	0.25	0.47	137.0	24	**4.29**	**3.15**	**2.36**

J.W.Miller MAGNETICS Chokes and Coils

70F SERIES RF CHOKES

Specifications:

- Varnish impregnated
- Core material: L ≤ 15000µH, iron
  L ≥ 33000µH, ferrite



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

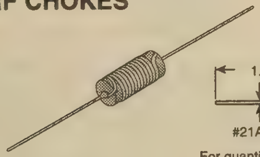
MOUSER STOCK NO.	L (µH)	Q Min.	Fo Min.	Rdc Max. Ohms	Idc Max mA	Coil Dia. Max.	Form Length	Price Each		
								1	100	250
542-70F106	1.0	41	118.0	0.048	2041	.165	.25	1.03	.75	.56
542-70F226	2.2	43	87.0	0.156	1132	.16	.25	1.25	.92	.69
542-70F336	3.3	40	66.0	0.24	912	.15	.25	1.25	.92	.69
542-70F476	4.7	43	53.0	0.457	661	.15	.25	1.25	.92	.69
542-70F686	6.8	40	49.0	0.624	566	.15	.25	1.25	.92	.69
542-70F105	10	36	19.0	1.56	277	.16	.25	1.52	1.11	.83
542-70F225	22	51	13.0	2.28	229	.165	.25	1.52	1.11	.83
542-70F335	33	50	10.0	2.76	208	.17	.25	1.52	1.11	.83
542-70F395	39	48	9.3	3.36	188	.175	.25	1.52	1.11	.83
542-70F475	47	44	9.1	3.36	188	.175	.25	1.52	1.11	.83
542-70F104	100	25	3.6	7.68	139	.165	.25	1.65	1.21	.91
542-70F474	470	35	1.8	16.3	95	.185	.25	1.65	1.21	.91
542-70F504	500	49	1.8	18.0	91	.195	.25	1.74	1.27	.96
542-70F824	820	33	1.6	22.9	80	.21	.25	1.74	1.27	.96
542-70F103	1000	30	1.4	24.0	79	.225	.25	1.74	1.27	.96
542-70F223	2200	40	0.96	45.6	57	.24	.25	1.80	1.32	.99
542-70F253	2500	48	0.96	45.6	57	.26	.38	1.80	1.32	.99
542-70F333	3300	52	0.8	51.6	53	.26	.38	1.80	1.32	.99
542-70F473	4700	49	0.68	64.8	48	.285	.38	1.95	1.43	1.07
542-70F102	10000	41	0.52	101.0	38	.335	.38	1.85	1.36	1.02
542-70F152	15000	50	0.32	113.0	47	.3	.50	3.26	2.39	1.80
542-70F332	33000	61	0.232	134.0	43	.353	.63	4.51	3.31	2.48
542-70F502	50000	57	0.196	175.0	37	.4	.63	4.51	3.31	2.48
542-70F101	100000	48	0.157	278.0	29	.446	.63	3.10	2.27	1.71

AXIAL LEADED RF CHOKES

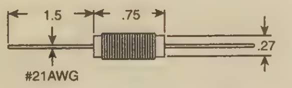
Phenolic Core

Specifications:

- Inductive tolerance: ±10%
  (except 542-4602 is ±20%)
- Varnish impregnated



DIMENSIONS (IN.)



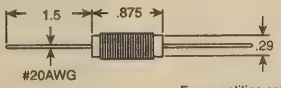
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Q Min	Test Freq MHz	Fo Min. MHz	Rdc Max.	Idc Max mA	Price Each		
							1	100	250
542-4602	1.0	60	7.9	190	.05	2000	.98	.72	.54
542-4604	1.5	58	7.9	149	.093	1800	.98	.72	.54
542-4606	2.4	56	7.9	120	.19	1500	.98	.72	.54
542-4608	3.9	60	7.9	93	.45	1000	.98	.72	.54
542-4609	5.5	57	7.9	80	.67	850	.98	.72	.54
542-4610	6.2	57	7.9	76	.83	700	.98	.72	.54
542-4611	8.2	57	7.9	65	1.2	600	.98	.72	.54
542-4612	10.0	36	2.5	61	1.5	500	.98	.72	.54

Iron Core

Specifications:

- Inductive tolerance: ±5%
- Varnish impregnated



DIMENSIONS (IN.)

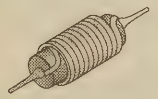
For quantities greater than listed, call for quote.

542-4622	10	69	2.5	40	0.11	1500	1.32	.97	.73
542-4624	15	62	2.5	33	0.17	1000	1.32	.97	.73
542-4626	24	65	2.5	25	0.34	800	1.32	.97	.73
542-4629	55	72	2.5	17	1.0	500	1.32	.97	.73
542-4630	62	83	2.5	16	1.2	475	1.34	.99	.74
542-4631	82	85	2.5	13	1.9	450	1.34	.99	.74
542-4632	100	107	.79	12	3.0	400	1.34	.99	.74

HEAVY DUTY HASH CHOKES

Specifications:

- L ≤ 4µH measured on Q meter @ 7.9 MHz
- L ≥ 40µH measured on 1 kHz bridge
- Inductive tolerance: ±20%



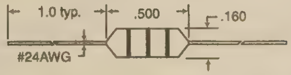
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Rdc Max. Ohms	Idc Max Amps	Coil Dia. Max.	Form Length	Core Material	Price Each		
							1	100	250
542-5230	4	.012	8	.38	.875	Ferrite	2.39	1.75	1.31
542-5240	40	.082	3	.31	1.25	Ferrite	2.39	1.75	1.31
542-5248	68	.054	5	.56	1.25	Ferrite	2.88	2.11	1.55
542-5250	100	.216	2	.38	1.25	Ferrite	2.88	2.11	1.55
542-5252	125	.08	3.5	.5	1.25	Ferrite	3.18	2.33	1.72
542-5254	250	.17	2.5	.44	1.25	Ferrite	3.18	2.33	1.72
542-5256	500	.26	2	.56	1.25	Ferrite	3.18	2.33	1.72
542-5258	1000	.55	1	.5	1.25	Ferrite	3.27	2.40	1.80
542-5218	3.35	.01	20	.6	1.25	Iron	5.37	3.94	2.95
542-5219	4.9	.016	15	.6	1.25	Iron	5.03	3.69	2.77
542-5220	8.8	.021	10	.56	1.25	Iron	4.78	3.51	2.63

MINIATURE HIGH CURRENT RF CHOKES

Specifications:

- Epoxy conformal coated
- Operating temperature: -55°C to +105°C



DIMENSIONS (IN.)

5300 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Incr I mA	Fo Min. MHz	Rdc Max. Ohms	Idc Max mA	Price Each		
							1	100	250
542-5300-01	1.0	10%	3000	190.0	0.018	3300	1.70	1.25	.93
542-5300-03	1.5	10%	2500	160.0	0.020	3100	1.70	1.25	.93
542-5300-10	5.6	10%	1300	64.0	0.074	1600	1.60	1.18	.88
542-5300-13	10	10%	970	25.0	0.095	1500	1.60	1.18	.88
542-5300-17	22	10%	640	8.4	0.19	1000	1.60	1.18	.88
542-5300-19	33	10%	530	7.6	0.24	910	1.60	1.18	.88
542-5300-21	47	10%	430	6.0	0.35	760	1.65	1.21	.91
542-5300-25	100	10%	300	3.9	0.67	550	1.65	1.21	.91
542-5300-27	150	10%	250	3.2	1.2	410	1.65	1.21	.91
542-5300-29	220	10%	200	2.3	1.9	320	1.65	1.21	.91
542-5300-32	390	10%	150	1.7	3.0	260	1.76	1.29	.97
542-5300-33	470	10%	140	1.4	3.4	240	1.76	1.29	.97

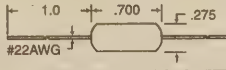
HIGH CURRENT RF CHOKES

Specifications:

- Coils finished with sleeving VW1 Rated
- Inductance measured @ 1kHz
- Operating temperature: -55°C to +105°C

5800 Series

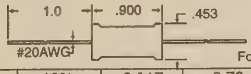
DIMENSIONS (IN.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	Inductive Tolerance	Rdc Max. Ohms @ +20°C	Saturation Current DC Amps	Suggested Rated Current AC	Price Each		
						1	100	250
542-5800-3R9	3.9	10%	0.019	7.3	1.28	1.88	1.38	1.03
542-5800-8R2	8.2	10%	0.028	4.5	1.28	1.88	1.38	1.03
542-5800-100	10	10%	0.033	4.1	1.28	1.88	1.38	1.03
542-5800-470	47	10%	0.109	1.8	0.804	1.88	1.38	1.03
542-5800-560	56	10%	0.140	1.7	0.804	1.88	1.38	1.03
542-5800-820	82	10%	0.152	1.4	0.804	1.88	1.38	1.03
542-5800-101	100	10%	0.208	1.2	0.632	1.88	1.38	1.03
542-5800-121	120	10%	0.283	1.1	0.508	1.88	1.38	1.03
542-5800-151	150	10%	0.340	1.0	0.508	1.88	1.38	1.03
542-5800-181	180	10%	0.362	0.95	0.508	1.88	1.38	1.03
542-5800-221	220	10%	0.430	0.86	0.508	1.88	1.38	1.03
542-5800-271	270	10%	0.557	0.77	0.400	1.88	1.38	1.03
542-5800-331	330	10%	0.665	0.70	0.400	1.88	1.38	1.03
542-5800-391	390	10%	0.772	0.64	0.400	1.88	1.38	1.03
542-5800-471	470	10%	1.15	0.59	0.315	1.88	1.38	1.03
542-5800-102	1000	10%	2.30	0.40	0.200	1.88	1.38	1.03
542-5800-152	1500	10%	3.45	0.33	0.158	1.88	1.38	1.03
542-5800-222	2200	10%	4.48	0.27	0.158	1.88	1.38	1.03
542-5800-472	4700	10%	10.5	0.18	0.100	1.88	1.38	1.03
542-5800-682	6800	10%	16.3	0.151	0.082	1.88	1.38	1.03
542-5800-103	10000	10%	26.4	0.125	0.050	1.88	1.38	1.03

5900 Series



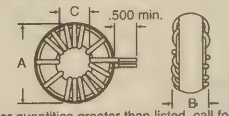
DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

542-5900-100	10	10%	0.017	8.70	4.0	3.82	2.80	2.10
542-5900-220	22	10%	0.026	6.07	4.0	3.82	2.80	2.10
542-5900-470	47	10%	0.035	3.98	4.0	3.82	2.80	2.10
542-5900-560	56	10%	0.037	3.66	3.2	3.82	2.80	2.10
542-5900-101	100	10%	0.090	2.79	1.6	3.82	2.80	2.10
542-5900-121	120	10%	0.113	2.54	1.6	3.82	2.80	2.10
542-5900-151	150	10%	0.129	2.22	1.6	3.82	2.80	2.10
542-5900-221	220	10%	0.162	1.89	1.6	3.82	2.80	2.10
542-5900-271	270	10%	0.208	1.63	1.6	3.82	2.80	2.10
542-5900-331	330	10%	0.212	1.51	1.6	3.82	2.80	2.10
542-5900-391	390	10%	0.281	1.39	1.6	3.82	2.80	2.10
542-5900-471	470	10%	0.380	1.24	1.2	3.82	2.80	2.10
542-5900-681	680	10%	0.548	1.05	1.0	3.82	2.80	2.10
542-5900-102	1000	10%	0.844	0.87	0.8	3.82	2.80	2.10
542-5900-152	1500	10%	1.18	0.70	0.6	3.82	2.80	2.10
542-5900-472	4700	10%	3.19	0.39	0.4	3.82	2.80	2.10
542-5900-682	6800	10%	5.69	0.322	0.250	3.82	2.80	2.10
542-5900-103	10000	10%	7.30	0.266	0.250	5.88	4.31	3.23

HIGH CURRENT TOROIDS

DIMENSIONS (IN.)



5700 Series

For quantities greater than listed, call for quote.

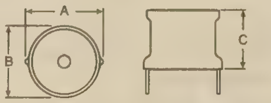
MOUSER STOCK NO.	L (µH)	I, DC Max Amps	Min L @ I, DC	Dimensions (In.)			Price Each		
				A	B	C	1	100	250
542-5701	10	11.00	5	.875	.437	.187	7.26	5.32	3.99
542-5702	25	5.50	12	.875	.437	.187	7.26	5.32	3.99
542-5703	125	2.75	70	.875	.437	.187	7.26	5.32	3.99
542-5704	275	2.00	150	.875	.437	.187	7.26	5.32	3.99
542-5705	450	1.50	250	.875	.437	.187	7.26	5.32	3.99
542-5707	75	5.00	40	1.125	.562	.312	7.81	5.73	4.30
542-5711	50	9.50	25	1.250	.625	.375	8.92	6.54	4.91
542-5712	150	4.75	85	1.250	.625	.375	8.92	6.54	4.91

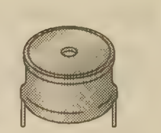
newport components

Inductors and Transformers

1400 SERIES BOBBIN INDUCTORS

Features:
- Low DC resistance
- Low temperature dependence
- Operating temperature: -40°C to 85°C



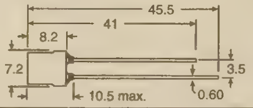


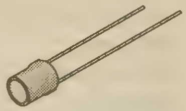
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	L (µH)	RDC Max. (Ω)	IDC cont. (A)	Nom. Self Reson. Freq. MHz	Dimensions (mm)			Price Each			
					A	B	C	1	25	50	100
580-1410313	10	.007	13	20.7	27.0	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1415312	15	.009	12	12.7	27.0	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1422311	22	.011	11	9.3	27.0	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1433393	33	.015	9.3	9.1	27.0	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1447383	47	.019	8.3	6.0	27.0	24.4	18.5	**2.62**	**2.54**	**2.22**	**2.12**
580-1468362	68	.032	6.2	5.3	26.5	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1410454	100	.042	5.4	4.6	26.4	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1415440	150	.069	4.0	3.4	26.2	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1422435	220	.096	3.5	2.8	26.1	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1433428	330	.150	2.8	2.5	25.9	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1447423	470	.222	2.3	2.0	25.7	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1468420	680	.276	2.0	1.6	25.7	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**
580-1410516	1000	.419	1.6	1.4	25.6	24.4	14.0	**2.49**	**2.42**	**2.11**	**2.02**

1700 SERIES RADIAL LEAD INDUCTORS

Features:
- Low DC resistance
- Low temperature dependence
- Operating temperature: 0°C to 70°C



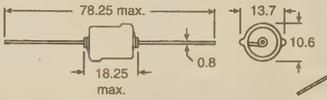


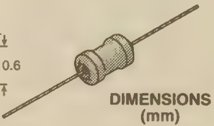
DIMENSIONS (mm)

MOUSER STOCK NO.	L (µH)	RDC Max. (Ω)	IDC cont. (A)	Nom. Q @ f kHz		Nom. Self Reson. Freq. MHz	Price Each			
				Q	f		1	25	50	100
580-17103	10	0.05	1.80	40	1000	21.2	**1.19**	**1.15**	**1.00**	**.96**
580-17153	15	0.06	1.50	30	500	19.4	**1.19**	**1.15**	**1.00**	**.96**
580-17223	22	0.09	1.20	30	500	17.0	**1.19**	**1.15**	**1.00**	**.96**
580-17333	33	0.13	1.00	25	500	11.4	**1.19**	**1.15**	**1.00**	**.96**
580-17473	47	0.20	0.86	25	500	10.9	**1.19**	**1.15**	**1.00**	**.96**
580-17683	68	0.26	0.85	70	100	10.6	**1.19**	**1.15**	**1.00**	**.96**
580-17104	100	0.35	0.74	65	100	8.9	**1.19**	**1.15**	**1.00**	**.96**
580-17154	150	0.49	0.58	80	100	6.2	**1.19**	**1.15**	**1.00**	**.96**
580-17224	220	0.75	0.48	90	100	5.4	**1.19**	**1.15**	**1.00**	**.96**
580-17334	330	1.10	0.42	95	100	4.5	**1.19**	**1.15**	**1.00**	**.96**
580-17474	470	1.56	0.34	100	100	3.2	**1.19**	**1.15**	**1.00**	**.96**
580-17684	680	2.40	0.28	105	100	3.0	**1.19**	**1.15**	**1.00**	**.96**
580-17105	1000	3.30	0.19	120	100	2.5	**1.19**	**1.15**	**1.00**	**.96**

1800 SERIES AXIAL LEAD INDUCTORS

Features:
- Low DC resistance
- Compact size
- Operating temperature: 0°C to 70°C



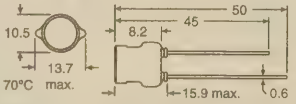


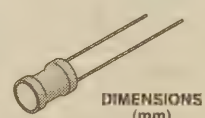
DIMENSIONS (mm)

MOUSER STOCK NO.	L (µH)	RDC Max. m(Ω)	IDC cont. (A)	Nom. Q @ f kHz		Nom. Self Reson. Freq. MHz	Price Each			
				Q	f		1	25	50	100
580-18103	10	15	3.45	64	1000	19.0	**1.44**	**1.39**	**1.21**	**1.16**
580-18153	15	18	3.00	55	500	15.9	**1.44**	**1.39**	**1.21**	**1.16**
580-18223	22	25	2.42	59	500	11.8	**1.44**	**1.39**	**1.21**	**1.16**
580-18333	33	40	2.00	48	500	11.5	**1.44**	**1.39**	**1.21**	**1.16**
580-18473	47	55	1.65	55	500	8.5	**1.44**	**1.39**	**1.21**	**1.16**
580-18683	68	70	1.35	31	100	6.6	**1.44**	**1.39**	**1.21**	**1.16**
580-18104	100	100	1.20	40	100	7.4	**1.44**	**1.39**	**1.21**	**1.16**
580-18154	150	165	1.10	47	100	4.4	**1.44**	**1.39**	**1.21**	**1.16**
580-18224	220	230	0.90	46	100	3.5	**1.44**	**1.39**	**1.21**	**1.16**
580-18334	330	335	0.73	58	100	3.0	**1.44**	**1.39**	**1.21**	**1.16**
580-18474	470	465	0.60	56	100	2.2	**1.44**	**1.39**	**1.21**	**1.16**
580-18684	680	630	0.53	55	100	2.0	**1.44**	**1.39**	**1.21**	**1.16**
580-18105	1000	1	0.44	94	50	1.6	**1.44**	**1.39**	**1.21**	**1.16**

1800R SERIES RADIAL LEAD INDUCTORS

Features:
- Low DC resistance
- Compact size
- Low temperature dependence
- Operating temperature: 0°C to 70°C



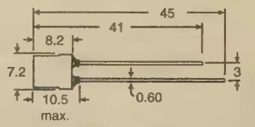


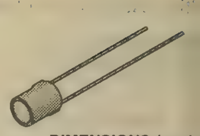
DIMENSIONS (mm)

580-18R103	10	15	3.45	59	500	23.8	**1.44**	**1.39**	**1.21**	**1.16**
580-18R153	15	18	3.00	55	500	17.0	**1.44**	**1.39**	**1.21**	**1.16**
580-18R223	22	25	2.42	51	500	14.1	**1.44**	**1.39**	**1.21**	**1.16**
580-18R333	33	40	2.00	48	500	11.5	**1.44**	**1.39**	**1.21**	**1.16**
580-18R473	47	55	1.65	46	500	9.85	**1.44**	**1.39**	**1.21**	**1.16**
580-18R683	68	70	1.35	27	100	8.29	**1.44**	**1.39**	**1.21**	**1.16**
580-18R104	100	100	1.20	40	100	7.40	**1.44**	**1.39**	**1.21**	**1.16**
580-18R154	150	165	1.10	40	100	5.58	**1.44**	**1.39**	**1.21**	**1.16**
580-18R224	220	230	0.90	39	100	4.0	**1.44**	**1.39**	**1.21**	**1.16**
580-18R334	330	335	0.73	49	100	3.57	**1.44**	**1.39**	**1.21**	**1.16**
580-18R474	470	465	0.60	50	100	2.81	**1.44**	**1.39**	**1.21**	**1.16**
580-18R684	680	630	0.53	48	100	2.43	**1.44**	**1.39**	**1.21**	**1.16**
580-18R105	1000	1	0.44	92	50	1.82	**1.44**	**1.39**	**1.21**	**1.16**

2200R SERIES RADIAL LEAD INDUCTORS

Features:
- Low DC resistance
- Miniature size
- Low temperature dependence
- Operating temperature: -25°C to 70°C





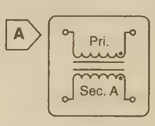
DIMENSIONS (mm)

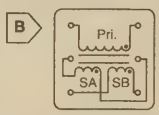
MOUSER STOCK NO.	L (µH)	RDC Max. (Ω)	IDC cont. (A)	Nom. Q @ f kHz		Nom. Self Reson. Freq. MHz	Price Each			
				Q	f		1	25	50	100
580-22R103	10	.07	1.50	140	1400	40.0	**.58**	**.56**	**.49**	**.47**
580-22R153	15	.80	1.10	150	1400	30.0	**.58**	**.56**	**.49**	**.47**
580-22R223	22	.11	1.00	150	950	20.0	**.58**	**.56**	**.49**	**.47**
580-22R333	33	.15	.92	150	950	15.0	**.58**	**.56**	**.49**	**.47**
580-22R473	47	.28	.78	160	600	12.8	**.58**	**.56**	**.49**	**.47**
580-22R683	68	.30	.77	150	700	6.8	**.58**	**.56**	**.49**	**.47**
580-22R104	100	.50	.66	160	450	6.0	**.58**	**.56**	**.49**	**.47**
580-22R154	150	.54	.52	160	300	4.4	**.58**	**.56**	**.49**	**.47**
580-22R224	220	1.05	.44	150	250	3.7	**.58**	**.56**	**.49**	**.47**
580-22R334	330	1.21	.38	150	250	3.3	**.58**	**.56**	**.49**	**.47**
580-22R474	470	1.87	.31	140	250	2.9	**.58**	**.56**	**.49**	**.47**
580-22R684	680	2.70	.25	120	250	2.2	**.58**	**.56**	**.49**	**.47**
580-22R105	1000	3.80	.17	150	250	1.8	**.58**	**.56**	**.49**	**.47**

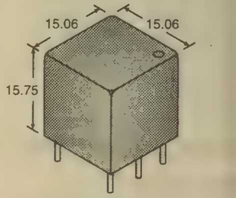
1000 SERIES PULSE TRANSFORMERS

Features:
- Operating temperature: 0°C to 70°C
- Compact footprint

DIMENSIONS (mm)



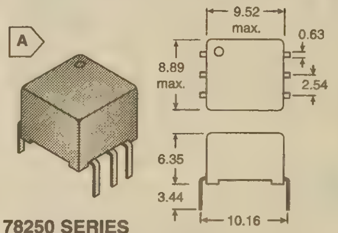


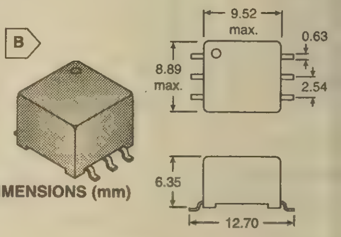


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig	Primary Ind. Max. (mH)	RDC Max. (Ω)			Isolation Voltage	Price Each			
			Primary	Sec. A	Sec. B		1	25	50	100
580-1001	A	3	1.2	1.0	- - -	2000	**4.31**	**4.18**	**3.64**	**3.48**
580-1002	B	3	1.4	1.3	1.7	2000	**4.75**	**4.61**	**4.02**	**3.84**
580-1003	B	12	4.0	1.8	2.4	2000	**5.12**	**4.96**	**4.32**	**4.14**

CONVERTER TRANSFORMERS





DIMENSIONS (mm)

78250 SERIES

The 78250 Series of converter transformers are specifically designed for use with Maxim chip sets to provide isolated RS232 interfaces. Carefully controlled turns ratios ensure consistent performance whilst a toroidal construction minimizes EMI.

Features:
- Standard pinout
- Fully encapsulated
- Maxim compatible
- Operating temperature: -40°C to 85°C

◆ **Surface Mount Device**

MOUSER STOCK NO.	Fig	Primary Ind. Max. (mH)	Leakage Ind. Max. (µH)	RDC Max. (Ω)	Isolation Voltage	Price Each			
						1	25	50	100
580-78250	A	2.5	3.0	2	1500	**2.64**	**2.56**	**2.23**	**2.14**
◆ 580-78250M	B	2.5	3.0	2	1500	**4.46**	**4.32**	**3.76**	**3.60**
580-78250V	A	2.5	40	2	4000	**3.43**	**3.33**	**2.90**	**2.78**
◆ 580-78250MV	B	2.5	40	2	4000	**4.46**	**4.32**	**3.76**	**3.60**

78253 SERIES

The 78253 Series of converter transformers are designed for use with the MAX253 chip set to provide isolated power supplies. A centre tapped secondary winding allows for full bridge, half bridge or voltage doubling.

Features:
- Industrial standard pinout
- Fully encapsulated
- MAX253 compatible
- Operating temperature: -40°C to 85°C

◆ **Surface Mount Device**

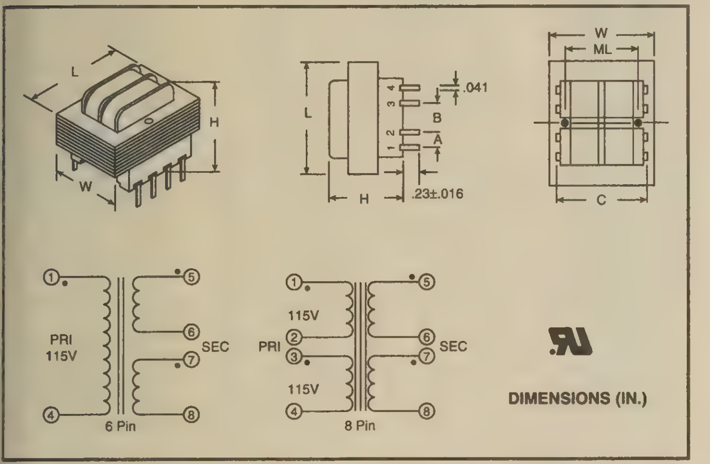
MOUSER STOCK NO.	Fig	Input Voltage	Output Voltage	Output Current (mA max.)	Isolation Voltage	Price Each			
						1	25	50	100
580-7825335	A	3.3	5.0	100	1500	**2.64**	**2.56**	**2.23**	**2.14**
◆ 580-7825335M	B	3.3	5.0	100	1500	**4.46**	**4.32**	**3.76**	**3.60**
580-7825355	A	5.0	5.0	200	1500	**2.64**	**2.56**	**2.23**	**2.14**
◆ 580-7825355M	B	5.0	5.0	200	1500	**4.46**	**4.32**	**3.76**	**3.60**
580-7825335V	A	3.3	5.0	100	4000	**3.43**	**3.33**	**2.90**	**2.78**
◆ 580-7825335MV	B	3.3	5.0	100	4000	**4.46**	**4.32**	**3.76**	**3.60**
580-7825355V	A	5.0	5.0	200	4000	**3.43**	**3.33**	**2.90**	**2.78**
◆ 580-7825355MV	B	5.0	5.0	200	4000	**4.46**	**4.32**	**3.76**	**3.60**

SPLIT-PACK® POWER TRANSFORMERS

The Triad Split-Pack® split bobbin transformer from MagneTek is an extremely versatile tool for PC board applications. Split-Pack® transformers are nonconcentrically wound with primaries and secondaries side-by-side. Unlike the secondary on-top-of-primary designs of standard PC board transformers, the split-bobbin winding and low capacitive coupling eliminate costly electrostatic shielding.

Features:
- Primary: 115/230V 50/60Hz
- Hi-pot tested at 2,500VRMS
- Class B UL recognized
- PC terminal pin spacing for accurate placement

Series connections: 230V
  Primary: input 1 and 4, connect 2 and 3
  Secondary: output 5 and 8, connect 6 and 7
Parallel connections: 115V
  Primary: input 1 and 2, connect 1 and 3, 2 and 4
  Secondary: output 5 and 6, connect 5 and 7, 6 and 8



∗ Has 4 mounting holes on 2.188 x 1.75 centers

Power (VA)	Dimensions (In.)						
	H	W	L	ML	A	B	C
1.1	.9375	1.125	1.375	- - -	0.25	0.25	1.20
2.5	1.188	1.125	1.375	- - -	0.25	0.25	1.20
6.0	1.313	1.313	1.625	1.063	0.25	0.35	1.28
12.0	1.438	1.563	1.875	1.25	0.30	0.40	1.41
20.0	1.438	1.875	2.250	1.50	0.30	0.40	1.60
36.0	1.563	2.188	2.625	∗	0.40	0.40	1.85

Single Primary 115V, 6 Pins

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power (VA)	Secondary Ratings		Price Each		
		Series	Parallel	1	10	25
553-F24-045	1.1	24.0VCT @ 0.045A	12.0V @ 0.09A	7.51	6.38	5.71
553-F10-250	2.5	10.0VCT @ 0.25A	5.0V @ 0.5A	7.64	6.49	5.81
553-F12-200	2.5	12.6VCT @ 0.2A	6.3V @ 0.4A	7.64	6.49	5.81
553-F16-150	2.5	16.0VCT @ 0.15A	8.0V @ 0.3A	7.64	6.49	5.81
553-F36-65	2.5	36.0VCT @ 0.065A	18.0V @ 0.13A	7.64	6.49	5.81
553-F12-500	6.0	12.6VCT @ 0.5A	6.3V @ 1.0A	8.64	7.34	6.57
553-F16-400	6.0	16.0VCT @ 0.4A	8.0V @ 0.8A	8.64	7.34	6.57
553-F20-300	6.0	20.0VCT @ 0.3A	10.0V @ 0.6A	8.64	7.34	6.57
553-F24-250	6.0	24.0VCT @ 0.25A	12.0V @ 0.5A	8.64	7.34	6.57
553-F28-200	6.0	28.0VCT @ 0.2A	14.0V @ 0.4A	8.64	7.34	6.57
553-F10-1200	12.0	10.0VCT @ 1.2A	5.0V @ 2.4A	9.91	8.42	7.53
553-F12-1000	12.0	12.6VCT @ 1.0A	6.3V @ 2.0A	9.91	8.42	7.53
553-F20-600	12.0	20.0VCT @ 0.6A	10.0V @ 1.2A	9.91	8.42	7.53
553-F24-500	12.0	24.0VCT @ 0.5A	12.0V @ 1.0A	9.91	8.42	7.53
553-F20-1000	20.0	20.0VCT @ 1.0A	10.0V @ 2.0A	11.84	9.99	8.99
553-F16-2250	36.0	16.0VCT @ 2.25A	8.0V @ 4.5A	15.27	12.98	11.61

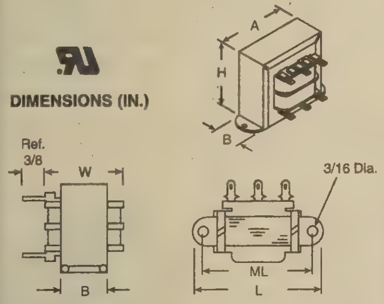
Dual Primary 115V/230V, 8 Pins

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power (VA)	Series	Parallel	1	10	25
553-FS24-045	1.1	24.0VCT @ 0.045A	12.0V @ 0.09A	8.62	7.45	6.67
553-FS48-023	1.1	48.0VCT @ 0.023A	24.0V @ 0.046A	8.71	7.40	6.62
553-FS10-250	2.5	10.0VCT @ 0.25A	5.0V @ 0.5A	9.00	7.65	6.84
553-FS12-200	2.5	12.6VCT @ 0.2A	6.3V @ 0.4A	9.00	7.65	6.84
553-FS16-150	2.5	16.0VCT @ 0.15A	8.0V @ 0.3A	9.00	7.65	6.84
553-FS24-100	2.5	24.0VCT @ 0.1A	12.0V @ 0.2A	9.00	7.65	6.84
553-FS36-65	2.5	36.0VCT @ 0.065A	18.0V @ 0.13A	9.00	7.65	6.84
553-FS48-050	2.5	48.0VCT @ 0.05A	24.0V @ 0.1A	9.00	7.65	6.84
553-FS10-600	6.0	10.0VCT @ 0.6A	5.0V @ 1.2A	9.60	8.16	7.30
553-FS12-500	6.0	12.6VCT @ 0.5A	6.3V @ 1.0A	9.60	8.16	7.30
553-FS16-400	6.0	16.0VCT @ 0.4A	8.0V @ 0.8A	9.60	8.16	7.30
553-FS20-300	6.0	20.0VCT @ 0.3A	10.0V @ 0.6A	9.60	8.16	7.30
553-FS24-250	6.0	24.0VCT @ 0.25A	12.0V @ 0.5A	9.60	8.16	7.30
553-FS28-200	6.0	28.0VCT @ 0.2A	14.0V @ 0.4A	9.60	8.16	7.30
553-FS36-170	6.0	36.0VCT @ 0.17A	18.0V @ 0.34A	9.60	8.16	7.30
553-FS12-1000	12.0	12.6VCT @ 1.0A	6.3V @ 2.0A	11.00	9.35	8.36
553-FS16-800	12.0	16.0VCT @ 0.8A	8.0V @ 1.6A	11.00	9.35	8.36
553-FS20-600	12.0	20.0VCT @ 0.6A	10.0V @ 1.2A	11.00	9.35	8.36
553-FS24-500	12.0	24.0VCT @ 0.5A	12.0V @ 1.0A	11.00	9.35	8.36
553-FS28-420	12.0	28.0VCT @ 0.42A	14.0V @ 0.84A	11.00	9.35	8.36
553-FS36-350	12.0	36.0VCT @ 0.35A	18.0V @ 0.7A	11.00	9.35	8.36
553-FS12-1600	20.0	12.6VCT @ 1.6A	6.3V @ 3.2A	13.51	11.48	10.27
553-FS20-1000	20.0	20.0VCT @ 1.0A	10.0V @ 2.0A	13.51	11.48	10.27
553-FS24-800	20.0	24.0VCT @ 0.8A	12.0V @ 1.6A	13.51	11.48	10.27
553-FS20-1800	36.0	20.0VCT @ 1.8A	10.0V @ 3.6A	16.84	14.31	12.80
553-FS24-1500	36.0	24.0VCT @ 1.5A	12.0V @ 3.0A	16.84	14.31	12.80
553-FS28-1300	36.0	28.0VCT @ 1.3A	14.0V @ 2.6A	16.84	14.31	12.80
553-FS36-1000	36.0	36.0VCT @ 1.0A	18.0V @ 2.0A	16.84	14.31	12.80

QUICK PACK® POWER TRANSFORMERS

The Triad Quick Pack® offers a significant reduction in size and weight for a given VA rating. They are available in 5 sizes for a wide variety of applications. Quick Pack® transformers are bobbin wound for reduced size and small operating space, plus split bobbin nonconcentric winding eliminates costly electrostatic shielding. Termination is suitable for quick connects or soldering.



Features:
- Hi-pot tested at 2,500VRMS
- Class B insulation for max temperature of 130°C
- Terminal size is .187" x .021"
- UL recognized
- Mounting hole size: 0.188"

Output (VA)	Dimensions (In.)					
	L	W	H	A	B	ML
6.0	2.375	1.25	1.375	1.688	.688	2.000
12.0	2.813	1.375	1.625	1.938	.813	2.375
30.0	3.25	1.688	1.938	2.313	1.063	2.813
56.0	3.688	1.813	2.25	2.688	1.063	3.125
100.0	4.031	2.25	2.563	3.063	1.313	3.563

Single Primary 115VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Output VA	Output Rating	Price Each		
			1	10	25
553-F4-12	6.0	12.6VCT @ 0.5A	8.40	7.14	6.38
553-F5-10	12.0	10.0VCT @ 1.2A	9.20	7.82	6.99
553-F5-12	12.0	12.6VCT @ 1.0A	9.20	7.82	6.99
553-F5-16	12.0	16.0VCT @ 0.8A	9.20	7.82	6.99
553-F6-12	30.0	12.6VCT @ 2.5A	12.51	10.63	9.51
553-F6-24	30.0	24.0VCT @ 1.25A	12.51	10.63	9.51
553-F7-20	56.0	20.0VCT @ 2.8A	17.40	14.79	13.22
553-F7-24	56.0	24.0VCT @ 2.4A	17.40	14.79	13.22
553-F8-12	100.0	12.6VCT @ 8.0A	25.00	21.25	18.99
553-F8-24	100.0	24.0VCT @ 4.0A	25.00	21.25	18.99
553-F8-48	100.0	48.0VCT @ 2.0A	25.00	21.25	18.99

Dual Primary 115/230VAC

For quantities greater than listed, call for quote.

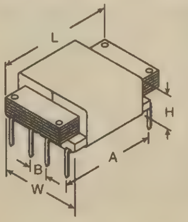
MOUSER STOCK NO.	Output VA	Output Rating	1	10	25
553-FD5-16	12.0	16.0VCT @ 0.8A	11.09	9.66	8.63
553-FD6-12	30.0	12.6VCT @ 2.5A	14.71	12.50	11.18
553-FD6-20	30.0	20.0VCT @ 1.5A	14.71	12.50	11.18
553-FD7-16	56.0	16.0VCT @ 3.5A	18.00	15.30	13.68
553-FD7-24	56.0	24.0VCT @ 2.4A	18.00	15.30	13.68
553-FD7-36	56.0	36.0VCT @ 1.5A	18.00	15.30	13.68

FLAT PACK POWER TRANSFORMERS

The Triad Flat Pack power transformer from Magnetek is designed to meet the needs of low clearance PC board and solid state power designs. These units can also be used for control and instrumentation applications. Voltages and currents were chosen for widely used power applications. It is offered in a dual primary and dual secondary configuration.

Features:
- Split bobbin with side-by-side windings to reduce capacitance and eliminate the need for a static shield
- Low profile: Allows 3/4" card spacing for 2.5 VA units, allows 1" card spacing for 6 VA units, allows 1 1/4" card spacing for 12 VA units

Specifications:
- Hi-pot tested at 2000 VRMS
- Primary: 115/230V, 50/60Hz



Power (VA)	Dimensions (In.)				
	H	W	L	A	B
2.5	.650	1.562	1.875	1.600	0.375
6.0	.875	1.562	1.875	1.600	0.375
12.0	1.062	2.000	2.500	2.000	0.500

MOUSER STOCK NO.	Power (VA)	Secondary Ratings		Price Each		
		Series	Parallel	1	10	25
553-FP10-250	2.5	10.0VCT @ 0.25A	5.0V @ 0.5A	10.76	9.15	8.18
553-FP12-200	2.5	12.6VCT @ 0.2A	6.3V @ 0.4A	10.76	9.15	8.18
553-FP30-85	2.5	30.0VCT @ 0.08A	15.0V @ 0.16A	10.76	9.15	8.18
553-FP12-475	6.0	12.6VCT @ 0.475A	6.3V @ 0.95A	11.99	10.20	9.13
553-FP16-375	6.0	16.0VCT @ 0.375A	8.0V @ 0.75A	11.99	10.20	9.13
553-FP20-300	6.0	20.0VCT @ 0.3A	10.0V @ 0.6A	11.99	10.20	9.13
553-FP24-250	6.0	24.0VCT @ 0.25A	12.0V @ 0.5A	11.99	10.20	9.13
553-FP30-200	6.0	30.0VCT @ 0.2A	15.0V @ 0.4A	11.99	10.20	9.13
553-FP40-150	6.0	40.0VCT @ 0.15A	20.0V @ 0.3A	11.99	10.20	9.13
553-FP230-25	6.0	230.0VCT @ 0.025A	115.0V @ 0.05A	11.99	10.20	9.13
553-FP12-950	12.0	12.6VCT @ 0.95A	6.3V @ 1.9A	13.99	11.90	10.64
553-FP16-750	12.0	16.0VCT @ 0.75A	8.0V @ 1.5A	13.99	11.90	10.64
553-FP20-600	12.0	20.0VCT @ 0.6A	10.0V @ 1.2A	13.99	11.90	10.64
553-FP24-500	12.0	24.0VCT @ 0.5A	12.0V @ 1.0A	13.99	11.90	10.64
553-FP30-400	12.0	30.0VCT @ 0.4A	15.0V @ 0.8A	13.99	11.90	10.64
553-FP34-340	12.0	34.0VCT @ 0.34A	17.0V @ 0.68A	13.99	11.90	10.64
553-FP40-300	12.0	40.0VCT @ 0.3A	20.0V @ 0.6A	13.99	11.90	10.64

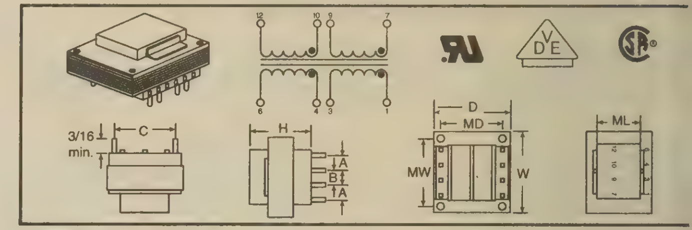
MagneTek Power Transformers and Autotransformers

PC MOUNT - WORLD SERIES™

Specifications:

- Primary: 115/230V, 50/60Hz
- VA ranges: 2.5 to 56.0
- Hi-pot tested @ 4,000VRMS

VA	Dimensions (In.)							Mounting		
	H	W	D	A	B	C	Pin	ML	MD	MW
2.5	1.125	1.625	1.3125	.200	.250	1.000	.025 sq.	1.0625	- - - -	- - - -
5.0	1.375	1.625	1.3125	.200	.400	1.000	.025 sq.	1.0625	- - - -	- - - -
10.0	1.375	1.875	1.5625	.200	.400	1.140	.036 sq.	1.250	- - - -	- - - -
20.0	1.625	2.250	1.875	.400	.400	1.460	.036 sq.	1.500	- - - -	- - - -
30.0	1.5625	2.625	2.1875	.550	.275	1.680	.045 sq.	- - - -	1.750	2.1875
56.0	1.8125	3.000	2.500	.600	.300	1.900	.045 sq.	- - - -	2.000	2.500



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	VA	Secondary		Price Each		
		Series	Parallel	1	10	25
553-VPP10250	2.5	10.0V CT @ 0.25A	5.0V @ 0.5A	**9.62**	**8.18**	**7.31**
553-VPP10500	5.0	10.0V CT @ 0.5A	5.0V @ 1.0A	**10.36**	**8.81**	**7.87**
553-VPP101000	10.0	10.0V CT @ 1.0A	5.0V @ 2.0A	**11.60**	**9.86**	**8.82**
553-VPP102000	20.0	10.0V CT @ 2.0A	5.0V @ 4.0A	**14.11**	**12.00**	**10.72**
553-VPP103000	30.0	10.0V CT @ 3.0A	5.0V @ 6.0A	**16.22**	**13.79**	**12.33**
553-VPP105600	56.0	10.0V CT @ 5.6A	5.0V @ 11.2A	**19.84**	**16.86**	**15.08**
553-VPP12200	2.5	12.6V CT @ 0.2A	6.3V @ 0.4A	**9.62**	**8.18**	**7.31**
553-VPP12400	5.0	12.6V CT @ 0.4A	6.3V @ 0.8A	**10.36**	**8.81**	**7.87**
553-VPP12800	10.0	12.6V CT @ 0.8A	6.3V @ 1.6A	**11.60**	**9.86**	**8.82**
553-VPP121600	20.0	12.6V CT @ 1.6A	6.3V @ 3.2A	**14.11**	**12.00**	**10.72**
553-VPP122400	30.0	12.6V CT @ 2.4A	6.3V @ 4.8A	**16.22**	**13.79**	**12.33**
553-VPP124400	56.0	12.6V CT @ 4.4A	6.3V @ 8.8A	**19.84**	**16.86**	**15.08**
553-VPP16310	5.0	16.0V CT @ 0.31A	8.0V @ 0.62A	**10.36**	**8.81**	**7.87**
553-VPP16620	10.0	16.0V CT @ 0.62A	8.0V @ 1.25A	**11.60**	**9.86**	**8.82**
553-VPP161250	20.0	16.0V CT @ 1.25A	8.0V @ 2.5A	**14.11**	**12.00**	**10.72**
553-VPP161900	30.0	16.0V CT @ 1.9A	8.0V @ 3.8A	**16.22**	**13.79**	**12.33**
553-VPP163500	56.0	16.0V CT @ 3.5A	8.0V @ 7.0A	**19.84**	**16.86**	**15.08**
553-VPP20120	2.5	20.0V CT @ 0.12A	10.0V @ 0.24A	**9.62**	**8.18**	**7.31**

For quantities greater than listed, call for quote

MOUSER STOCK NO.	VA	Secondary		Price Each		
		Series	Parallel	1	10	25
553-VPP20250	5.0	20.0V CT @ 0.25A	10.0V @ 0.5A	**10.36**	**8.81**	**7.87**
553-VPP20500	10.0	20.0V CT @ 0.5A	10.0V @ 1.0A	**11.60**	**9.86**	**8.82**
553-VPP201000	20.0	20.0V CT @ 1.0A	10.0V @ 2.0A	**14.11**	**12.00**	**10.72**
553-VPP201500	30.0	20.0V CT @ 1.5A	10.0V @ 3.0A	**16.22**	**13.79**	**12.33**
553-VPP202800	56.0	20.0V CT @ 2.8A	10.0V @ 5.6A	**19.84**	**16.86**	**15.08**
553-VPP24100	2.5	24.0V CT @ 0.1A	12.0V @ 0.2A	**9.62**	**8.18**	**7.31**
553-VPP24420	10.0	24.0V CT @ 0.42A	12.0V @ 0.84A	**11.60**	**9.86**	**8.82**
553-VPP24830	20.0	24.0V CT @ 0.83A	12.0V @ 1.66A	**14.11**	**12.00**	**10.72**
553-VPP241250	30.0	24.0V CT @ 1.25A	12.0V @ 2.50A	**16.22**	**13.79**	**12.33**
553-VPP242330	56.0	24.0V CT @ 2.33A	12.0V @ 4.66A	**19.84**	**16.86**	**15.08**
553-VPP28180	5.0	28.0V CT @ 0.18A	14.0V @ 0.36A	**10.36**	**8.81**	**7.87**
553-VPP28360	10.0	28.0V CT @ 0.36A	14.0V @ 0.72A	**11.60**	**9.86**	**8.82**
553-VPP28720	20.0	28.0V CT @ 0.72A	14.0V @ 1.44A	**14.11**	**12.00**	**10.72**
553-VPP281060	30.0	28.0V CT @ 1.06A	14.0V @ 2.12A	**16.22**	**13.79**	**12.33**
553-VPP282000	56.0	28.0V CT @ 2.0A	14.0V @ 4.0A	**19.84**	**16.86**	**15.08**
553-VPP36070	2.5	36.0V CT @ 0.07A	18.0V @ 0.14A	**9.62**	**8.18**	**7.31**
553-VPP36140	5.0	36.0V CT @ 0.14A	18.0V @ 0.28A	**10.36**	**8.81**	**7.87**
553-VPP36280	10.0	36.0V CT @ 0.28A	18.0V @ 0.56A	**11.60**	**9.86**	**8.82**
553-VPP36560	20.0	36.0V CT @ 0.56A	18.0V @ 1.12A	**14.11**	**12.00**	**10.72**
553-VPP36820	30.0	36.0V CT @ 0.82A	18.0V @ 1.64A	**16.22**	**13.79**	**12.33**
553-VPP361560	56.0	36.0V CT @ 1.56A	18.0V @ 3.12A	**19.84**	**16.86**	**15.08**

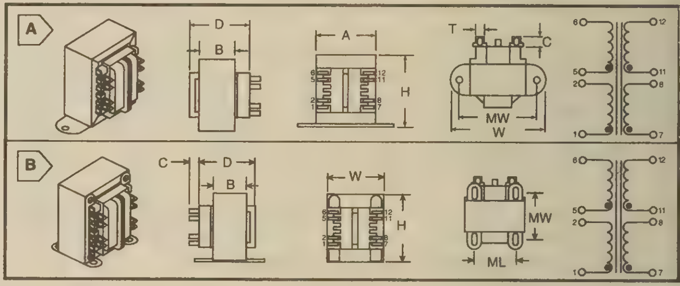
CHASSIS MOUNT - WORLD SERIES™

Specifications:

- Quick connect terminals
- Hi-pot tested @ 4,000VRMS
- Primary: 115/230V, 50/60Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	VA	Secondary		Price Each		
			Series	Parallel	1	10	25
553-VPS122000	A	25	12.6V CT @ 2.0A	6.3V @ 4.0A	**15.40**	**13.09**	**11.70**
553-VPS123400	A	43	12.6V CT @ 3.4A	6.3V @ 6.8A	**19.64**	**16.69**	**14.93**
553-VPS126300	B	80	12.6V CT @ 6.3A	6.3V @ 12.6A	**26.84**	**22.81**	**20.40**
553-VPS161600	A	25	16.0V CT @ 1.6A	8.0V @ 3.2A	**15.40**	**13.09**	**11.70**
553-VPS162700	A	43	16.0V CT @ 2.7A	8.0V @ 5.4A	**19.64**	**16.69**	**14.93**
553-VPS165000	B	80	16.0V CT @ 5.0A	8.0V @ 10.0A	**26.84**	**22.81**	**20.40**
553-VPS241000	A	25	24.0V CT @ 1.0A	12.0V @ 2.0A	**15.40**	**13.09**	**11.70**
553-VPS241800	A	43	24.0V CT @ 1.8A	12.0V @ 3.6A	**19.64**	**16.69**	**14.93**
553-VPS243300	B	80	24.0V CT @ 3.3A	12.0V @ 6.6A	**26.84**	**22.81**	**20.40**
553-VPS247300	B	175	24.0VCT @ 7.3A	12.0V @14.6A	**40.80**	**34.70**	**31.21**
553-VPS36700	A	25	36.0V CT @ 0.7A	18.0V @ 1.4A	**15.40**	**13.09**	**11.70**
553-VPS361200	A	43	36.0V CT @ 1.2A	18.0V @ 2.4A	**19.64**	**16.69**	**14.93**
553-VPS362200	B	80	36.0V CT @ 2.2A	18.0V @ 4.4A	**26.84**	**22.81**	**20.40**
553-VPS230110	A	25	230.0V CT @ 0.11A	115.0V @ 0.22A	**15.40**	**13.09**	**11.70**
553-VPS230190	A	43	230.0V CT @ 0.19A	115.0V @ 0.38A	**19.64**	**16.69**	**14.93**
553-VPS230350	B	80	230.0V CT @ 0.35A	115.0V @ 0.7A	**26.84**	**22.81**	**20.40**



VA	Dimensions (In.)							Mounting	
	H	W	D	A	B	C	T	MW	ML
25	.3125	2.8125	1.9375	2.000	1.125	.3125	.1875	2.375	- - - -
43	.6875	3.125	2.000	2.3125	1.125	.3125	.1875	2.8125	- - - -
80	.000	2.500	2.3125	- - - -	1.375	.3125	.1875	2.000	2.250

ISOLATION POWER TRANSFORMERS

For isolating equipment from direct connection to the power line. The primary and secondary are nonconcentric precision wound on separate arbors, assembled on a laminate core side by side separated by insulation. This prevents electrical connection, under normal or overload conditions, between the primary and secondary windings.

Specifications:

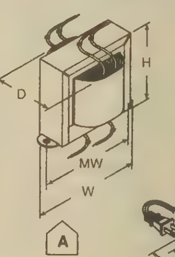
- Secondary voltage: ±5%
- Leakage current from primary to secondary is rated at less than 50µA and is typically measured at less than 10µA
- Hi-pot tested at 1500V
- Units with "M" suffix have 2-wire 6' cord, plug and socket.
- Line cord, plug and receptacle are UL listed and verified to meet federal specifications

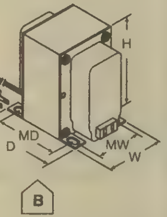
§ = Split winding

* Has 2 wire plug, cord, and socket

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Power (VA)	Primary Voltages	Secondary Ratings		Mounting Hole Size (In.)	Dimensions (In.)					Price Each		
				Volts	Amps		H	W	D	MW	MD	1	10	25
553-N48X	A	15	115	115	0.13	0.188	1.938	3.313	2.0	2.813	- - -	**14.49**	**12.28**	**10.87**
553-N51X	A	35	115	115	0.3	0.188	2.281	3.688	2.125	3.125	- - -	**14.98**	**12.73**	**11.38**
553-N68X	A	50	115/230§	115	0.435	0.188	2.281	3.688	2.125	3.125	- - -	**19.40**	**16.45**	**14.56**
* 553-N54M	B	150	115	115	1.3	0.375 x 0.188	3.875	3.281	4.25	2.50	3.0	**54.98**	**46.73**	**41.78**
553-N67A	C	150	115/230§	115	1.3	0.375 x 0.188	3.875	3.281	3.875	2.50	3.0	**42.24**	**35.83**	**31.71**
553-N66A	C	250	115/230§	115	2.17	0.375 x 0.188	4.625	3.938	4.625	3.0	3.625	**62.16**	**52.71**	**46.64**
553-N77U	D	100	115/230	115	0.86	0.203 x 0.375	3.4375	2.8125	3.0	2.25	2.50	**30.69**	**25.99**	**23.32**





STEP-UP/STEP-DOWN AUTOTRANSFORMERS

Single winding transformers in which the primary coil is a fraction of the entire winding for voltage step-up or the secondary coil is a fraction of the entire winding for voltage step-down.

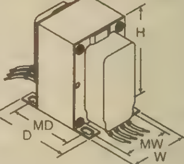
Specifications:

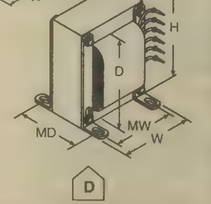
- 50/60Hz line frequency
- Hi-pot tested at 1,500 VRMS
- Secondary voltage: ±5
- Units with "M" suffix have 2-wire 6' cord, plug and socket
- Units with "MG" suffix have 3-wire 6' cord, plug and socket

* Has 2 wire plug, cord, and socket

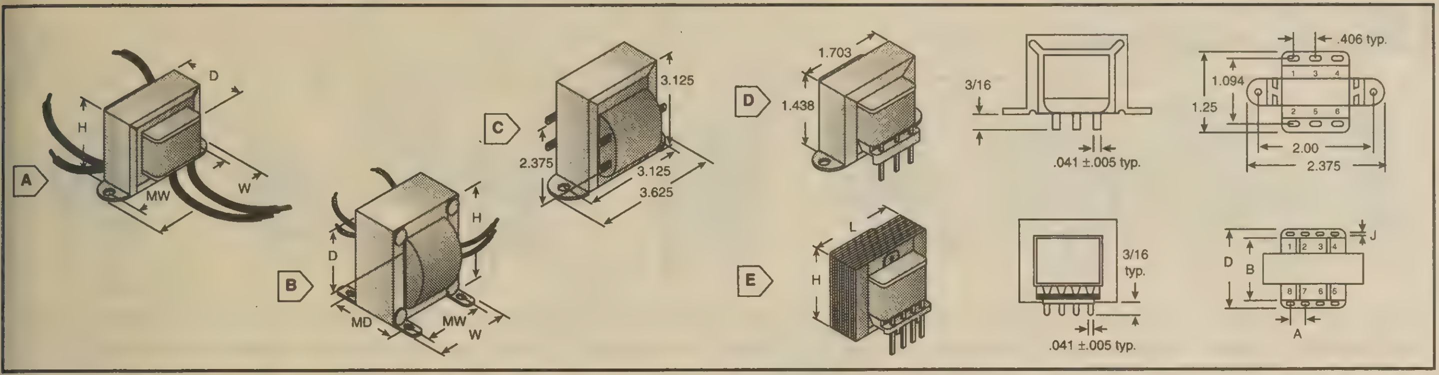
For quantities greater than listed, call for quote.

553-N1X	A	50	230	115	0.435	0.188	2.281	3.688	2.0	3.125	- - -	**11.01**	**9.36**	**8.37**
553-N2X	A	100	230	115	0.87	0.188	2.625	4.0	2.063	3.625	- - -	**16.18**	**13.75**	**12.30**
* 553-N3M	B	85	230	115	0.74	0.375 x 0.188	3.594	2.969	2.875	2.813	1.625	**29.31**	**24.86**	**22.00**
* 553-N4M	B	150	230	115	1.3	0.375 x 0.188	3.594	2.969	3.625	2.25	2.375	**40.36**	**34.31**	**30.67**
553-N4MG	B	150	230	115	1.3	0.375 x 0.188	3.594	2.969	4.25	2.25	2.875	**54.98**	**46.73**	**41.78**
553-N6U	D	200	230	115	1.7	0.203 x 0.375	3.375	2.813	2.813	2.25	2.25	**31.36**	**26.65**	**23.83**
* 553-N5M	B	250	230	115	2.17	0.375 x 0.188	3.875	3.281	4.25	2.50	3.0	**47.24**	**38.65**	**35.90**
553-N5MG	B	250	230	115	2.17	0.375 x 0.188	3.875	3.281	4.813	2.50	3.5	**67.60**	**57.46**	**51.38**
* 553-N7M	B	600	230	115	5.22	0.375 x 0.188	4.625	3.938	5.0	3.0	3.875	**56.04**	**47.53**	**42.06**
553-N7MG	B	600	230	115	5.22	0.375 x 0.188	4.625	3.938	5.0	3.0	3.875	**76.02**	**64.62**	**57.78**
553-N9MG	B	1250	230	115	10.85	0.656 x 0.28	5.313	4.50	6.0	3.50	4.50	**150.29**	**127.75**	**114.22**
553-N150MG	B	150	115	230	0.65	0.375 x 0.188	3.594	2.969	3.313	2.25	2.125	**54.98**	**46.73**	**41.78**
553-N250MG	B	250	115	230	1.1	0.375 x 0.188	3.875	3.25	3.688	2.25	2.438	**67.60**	**57.46**	**51.38**
553-N1000MG	B	1000	115	230	4.35	0.5 x 0.25	5.375	4.50	5.50	3.50	4.125	**125.96**	**106.99**	**95.73**





MagneTek Power Supply Transformers



Use these power supply transformers for direct use or in transformer, rectifier, and filter circuits. They are single primary with single or double and multiple secondaries in standard size and weight configurations.

Single Secondary

- Primary: 115/230 50/60Hz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Primary Voltage	Sec. Ratings		Connections	Mounting Hole Size (In.)	Dimensions (In.)					Price Each			
			Volts	Amps			H	W	D	MW	MD	1	10	25	50
553-F-1X	A	115	2.5CT	3.0	Leads	0.188	1.625	2.813	1.625	2.375	- - -	10.47	8.87	7.85	6.59
553-F-7X	A	115	5.0CT	3.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.11	11.22	9.93	8.26
553-F-13X	A	115	6.3	0.6	Leads	0.188	1.375	2.375	1.375	2.00	- - -	7.91	6.78	6.00	4.98
553-F314X	A	115/230	6.3CT	1.2	Leads	0.188	1.625	2.813	1.625	2.375	- - -	13.64	11.56	10.23	8.60
553-F-14X	A	115	6.3CT	1.2	Leads	0.188	1.625	2.813	1.625	2.453	- - -	10.60	8.99	7.99	6.68
553-F-16X	A	115	6.3CT	3.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	12.51	10.61	9.39	7.88
553-F-18X	A	115	6.3CT	6.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	17.13	14.53	12.85	10.93
553-F217X	A	115	12.0	1.2	Leads	0.188	2.00	3.25	1.75	2.813	- - -	11.87	10.06	8.91	7.48
553-F-114X	A	115	12.0	0.7	Leads	0.188	1.625	2.813	1.625	2.375	- - -	9.07	7.71	6.89	5.71
553-F224X	A	115	12.6	3.0	Leads	0.188	2.25	3.75	2.125	3.125	- - -	16.24	13.62	12.05	10.23
553-F325X	A	115/230	12.6CT	1.5	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.91	11.79	10.44	8.76
553-F-70X	A	115	12.6CT	1.0	Leads	0.188	1.938	3.313	1.750	2.813	- - -	11.22	9.42	8.34	7.07
553-F-25X	A	115	12.6CT	1.5	Leads	0.188	1.938	3.313	2.00	2.813	- - -	11.38	9.63	8.52	7.17
553-F-44X	A	115	12.6CT	2.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.80	11.71	10.36	8.69
553-F-344X	A	115/230	12.6CT	2.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	14.36	12.21	10.91	9.04
553-F112X	A	115	14.0CT	0.25	Leads	0.188	1.375	2.375	1.375	2.00	- - -	10.40	8.84	7.90	6.55
553-F251X	A	115	14.0CT	2.0	Leads	0.188	2.25	3.688	1.938	3.125	- - -	13.67	11.62	10.39	8.61
553-F253U	B	115	14.0CT	6.0	Leads	0.203 x 0.375	3.375	2.813	2.875	2.25	2.375	34.73	29.52	26.39	21.88
553-F-250X	A	115	14.0CT	1.0	Leads	0.188	1.938	3.25	1.75	2.813	- - -	12.49	10.62	9.49	7.87
553-F255X	A	115	20.0CT	2.0	Leads	0.188	2.563	4.00	2.25	3.563	- - -	17.71	15.02	13.29	11.16
553-F-46X	A	115	24.0	1.0	Leads	0.188	1.938	3.25	2.125	2.813	- - -	10.89	9.26	8.28	6.86
553-F3116X	A	115/230	24.0CT	0.2	Leads	0.188	1.375	2.375	1.50	2.00	- - -	12.13	10.28	9.10	7.64
553-F193U	B	115	24.0CT	4.0	Leads	0.203 x 0.375	3.813	3.125	2.813	2.50	2.125	28.96	24.56	21.74	18.24
553-F-115X	A	115	24.0CT	0.085	Leads	0.188	1.188	2.063	1.375	1.750	- - -	9.67	8.20	7.26	6.09
553-F-116X	A	115	24.0CT	0.2	Leads	0.188	1.375	2.375	1.50	2.00	- - -	10.08	8.67	7.75	6.43
553-F-117X	A	115	24.0CT	0.4	Leads	0.188	1.625	2.813	1.625	2.375	- - -	11.12	9.23	8.53	7.07
553-F-118X	A	115	24.0CT	0.7	Leads	0.188	2.00	3.25	2.00	2.813	- - -	11.95	10.26	9.17	7.60
553-F-45X	A	115	24.0CT	1.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	10.93	9.29	8.31	6.89
553-F345X	A	115/230	24.0CT	1.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	13.38	11.36	10.05	8.43
553-F-192X	A	115	24.0CT	2.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	17.20	14.57	12.89	10.84
553-F260U	B	115	24.0CT	6.0	Leads	0.203 x 0.375	3.750	3.125	3.50	2.50	2.875	39.64	33.69	30.13	24.98
553-F401U	B	115	24.0CT	10.0	Leads	0.203 x 0.375	4.125	3.438	3.750	2.750	3.0	43.11	36.64	32.76	27.16
553-F-57X	A	115	25.2CT	1.0	Leads	0.188	1.938	3.563	2.00	2.188	- - -	11.87	10.06	8.91	7.48
553-F-41X	A	115	25.2CT	2.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	14.58	12.39	10.99	9.18
553-F-341X	A	115/230	25.2CT	2.0	Leads	0.188	2.594	4.00	2.25	3.563	- - -	18.51	15.73	13.99	11.66
553-F-56X	A	115	25.2CT	2.8	Leads	0.188	2.656	4.00	2.25	3.563	- - -	18.78	15.94	14.10	11.83
553-F-40X	A	115	26.8CT	1.0	Leads	0.188	1.938	3.313	2.00	2.813	- - -	12.00	10.20	9.12	7.56
553-F-340X	A	115/230	26.8CT	1.0	Leads	0.188	2.594	4.00	2.25	2.563	- - -	17.53	14.87	13.16	11.05
553-F3185U	B	115/230	28.0CT	2.0	Leads	0.203 x 0.375	3.063	2.50	2.438	2.00	2.25	19.02	16.16	14.46	11.98
553-F-54X	A	115	35.0CT	1.5	Leads	0.188	2.594	4.00	2.25	3.563	- - -	17.62	15.13	13.53	11.21

*-60Hz

Multiple Secondary

- Connections: lugs

For quantities greater than listed, call for quote.

553-F243U	C	115	18.0CT	4.0	Lugs	0.203 x 0.375	3.50	4.125	3.25	3.438	2.25	46.27	39.33	34.99	29.15

#-May be connected in series to obtain combined voltage when properly phased. Current is equal to current of lowest winding.
Ex.: Two 6.3V windings @ 2A in series would be 12.6V @ 2A. May also be connected in parallel to obtain combined current.
Example: Two 6.3V windings @ 2A in a parallel would be 6.3V @ 4A.

*-60Hz

Primary: 115/230 Volts/Secondaries: 12/24 Volts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Power VA	Secondary Ratings		Connections	Mounting Hole Size (In.)	Dimensions (In.)					Price Each			
			Series	Parallel			H	W	D	MW	MD	1	10	20	50
553-F107Z	C	48	24.0CT@2.0A	12.0V@4.0A	Lugs	0.188	3.125	3.625	2.375	3.125	- - -	17.24	14.65	13.10	10.86
553-F108U	C	96	24.0CT@4.0A	12.0V@8.0A	Lugs	0.203 x 0.375	3.406	2.813	3.188	2.25	2.25	31.53	26.75	23.67	19.87
553-F214U	C	96	48.0CT@2.0A	24.0V@4.0A	Lugs	0.203 x 0.375	3.406	2.813	3.188	2.25	2.625	31.22	26.35	22.04	19.66
553-F109U	C	192	24.0CT@8.0A	12.0V@16.0A	Lugs	0.203 x 0.375	4.188	3.438	3.563	2.75	3.00	58.69	49.89	44.60	36.97

PC Mount Single Primary 115V, 50/60Hz, Dual Secondaries

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Power VA	Secondary Ratings		Mounting Hole Size (In.)	Dimensions (In.)							Price Each			
			Series	Parallel		H	W	D	L	A	B	MW	1	10	25	50
553-F143XP	D	4.5	30.0V CT @ 0.150A	15.0V @ 0.300A	0.188	1.438	2.375	1.25	1.703	0.406	1.094	2.00	10.83	9.29	8.31	6.89

PC Mount Dual Primary 115/230V, 50/60Hz, Dual Secondaries

For quantities greater than listed, call for quote.

553-F3132P	E	1.5	15.0CT@0.1A	7.5V@0.2A	0.188	1.188	- - -	1.125	- - -	1.203	1.00	- - -	7.40	6.29	5.62	4.66
553-F333P	E	1.5	30.0V CT@0.05A	15.0V@0.100A	0.188	1.188	- - -	1.125	- - -	1.203	1.00	- - -	8.62	7.33	6.55	5.43
553-F372P	E	24	16.0V CT@1.5A	8.0V@3.0A	0.188	1.375	- - -	2.25	1.625	0.25	2.109	- - -	11.11	9.44	8.44	7.00

Universal, 115 Volts with X Case

- Hi-pot tested @ 1,500VRMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Power Volt.	Secondary Ratings		Connections	Mounting Hole Size (In.)	Dimensions (In.)				Price Each			
			AC Volts	DC Amps			H	W	D	MW	1	10	25	50
553-F90X	A	115	10-20CT-40CT	0.1	Leads	0.188	1.625	1.813	1.625	2.375	12.74	10.94	9.78	8.11

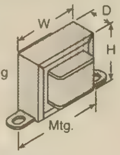
†-Tapped primary to produce lower voltages

Power and Variable Transformers

HiQ MAGNETICS POWER TRANSFORMERS

Dimensions are shown in table

H = Height
D = Depth
W = Width
Mtg. = Mounting hole space



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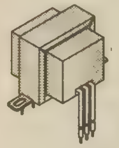

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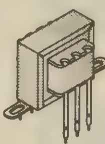

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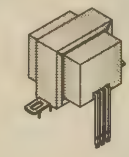

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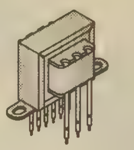

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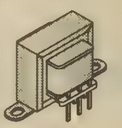

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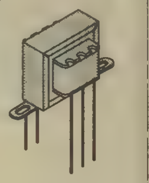

These Hi-Q power transformers feature 115VAC/60Hz primaries, in six popular outputs. They have 6" color coded leads for positive identification. UL rating on many of these allow for hassle-free design of finished products.

- Lead color coding: primary = black, secondary = red/white
- Full load voltage tolerance: ±2%
- Voltage regulation: <15%
- Hi-pot test voltage: 1500VAC 60Hz for 1 minute
- Coil-to-coil insulation: 200MΩ @ 500VDC

* As indicated
E93874(S)

Heavy Duty Power Transformers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Secondary		Dimensions (In.)				Price Each		
		Volts	Amps	H	W	D	Mtg.	1	10	100
41FD200	B	6.3CT	.2	1.3	1.5	1.1	1.9	**4.06**	**3.38**	**3.07**
41FD600	B	6.3CT	.6	1.72	2.0	1.5	2.35	**4.68**	**3.89**	**3.54**
41FD010	B	6.3CT	1.0	1.65	2.0	1.9	2.4	**4.79**	**3.99**	**3.63**
41FD030	B	6.3CT	3.0	1.95	2.5	1.95	2.8	**6.98**	**5.82**	**5.29**
* 41LF100	A	10.0CT	.1	1.25	1.5	1.2	1.8	**5.12**	**4.28**	**3.87**
* 41LF020	A	10.0CT	2.0	2.01	2.36	2.32	2.82	**12.06**	**10.05**	**9.14**
41FG100	B	12.6CT	.1	1.25	1.5	1.1	1.71	**2.74**	**2.28**	**2.07**
41FG200	B	12.6CT	.2	1.25	1.5	1.25	1.9	**3.43**	**2.89**	**2.63**
41FG300	B	12.6CT	.3	1.65	1.75	1.55	2.1	**3.84**	**3.20**	**2.91**
41LG300	A	12.6CT	.3	1.4	1.68	1.5	2.05	**6.15**	**5.13**	**4.66**
41FG600	B	12.6CT	.6	1.65	2.1	1.5	2.3	**5.18**	**4.31**	**3.92**
41FG010	B	12.6CT	1.0	1.75	2.1	1.6	2.3	**5.85**	**4.88**	**4.43**
* 41LG010	A	12.6CT	1.0	1.75	2.0	2.1	2.4	**9.60**	**8.26**	**7.51**
41FG020	B	12.6CT	2.0	2.0	2.35	2.1	2.9	**11.29**	**9.60**	**8.73**
41FJ200	B	18.0CT	.2	1.5	1.7	1.4	2.1	**4.29**	**3.59**	**3.27**
41FJ300	B	18.0CT	.3	1.5	1.7	1.4	2.1	**4.55**	**3.79**	**3.44**
41FJ600	B	18.0CT	.6	1.75	2.0	1.6	2.4	**6.49**	**5.39**	**4.91**
41FJ010	B	18.0CT	1.0	1.95	2.4	1.65	2.9	**8.28**	**6.89**	**6.27**
* 41LJ015	A	18.0CT	1.5	2.01	2.36	2.32	2.82	**12.24**	**10.25**	**9.31**
41FJ020	B	18.0CT	2.0	2.25	2.63	2.25	3.2	**9.36**	**7.79**	**7.08**
41FK200	B	24.0CT	.2	1.5	1.75	1.4	2.1	**4.29**	**3.59**	**3.27**
41FK300	B	24.0CT	.3	1.69	1.97	1.5	2.48	**4.99**	**4.17**	**3.79**
41FK600	B	24.0CT	.6	1.7	2.0	1.7	2.3	**7.44**	**6.19**	**5.64**
41FK010	B	24.0CT	1.0	1.95	2.35	1.9	2.8	**8.28**	**6.89**	**6.27**
* 41LK015	A	24.0CT	1.5	2.01	2.36	2.32	2.82	**14.18**	**11.83**	**10.74**
* 41LK020	A	24.0CT	2.0	2.25	2.7	2.82	3.12	**20.58**	**18.71**	**16.99**
* 41LK100	A	25.2CT	.1	1.5	1.75	1.55	2.1	**6.35**	**5.29**	**4.81**
* 41LK200	A	25.2CT	.2	1.4	1.68	1.65	2.05	**6.72**	**5.69**	**5.18**
* 41LK010	A	25.2CT	1.0	2.0	2.5	2.25	2.8	**11.73**	**10.66**	**9.69**

Dual Secondary Power Transformers

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Dual Secondary Volts	Amps	Dimensions (In.)				Price Each		
				H	W	D	Mtg.	1	10	100
41HK200	C	24.0CT/24.0CT	.2	1.65	2.0	1.85	2.35	**8.17**	**7.43**	**6.75**

Multi-Tapped Power Transformer

Secondary voltages are as shown. 6" leads are color coded for easy identification. The secondary common is black.

- Current rating: .3A
- Primary rating: 115/220, 50/60Hz

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Secondary Volts	Dimensions (In.)				Price Each		
			H	W	D	Mtg.	1	10	100
41FW300	D	12.0, 9.0, 6.0, 4.5, 3.0	1.375	1.75	1.5	2.05	**3.22**	**2.68**	**2.44**

Plug-In Power Transformers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Secondary		Dimensions (In.)				Price Each		
		Volts	Amps	H	W	D	Mtg.	1	10	100
41WG100	E	12.6CT	.1	1.25	1.5	1.0	1.8	**6.20**	**4.96**	**3.93**
41WG010	E	12.6CT	1.0	1.65	2.0	1.48	2.35	**10.52**	**8.76**	**7.97**

PC Mounting Power Transformers

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Secondary		Dimensions (In.)				Price Each		
		Volts	Amps	H	W	D	Mtg.	1	10	100
41PG006	F	12.6CT	.06	1.05	1.18	1.0	1.65	**2.76**	**2.29**	**2.09**
41PG120	F	12.0CT	.12	1.25	1.5	1.18	1.75	**3.34**	**2.78**	**2.53**
41PG300	F	12.6CT	.3	1.38	1.75	1.4	2.05	**3.04**	**2.53**	**2.30**
41PG600	F	12.6CT	.6	1.75	2.0	1.5	2.36	**5.18**	**4.31**	**3.92**
41PK100	F	24.0CT	.1	1.5	1.75	1.25	2.05	**3.44**	**2.89**	**2.63**
41PK200	F	24.0CT	.2	1.4	1.75	1.33	2.05	**4.55**	**3.79**	**3.43**
41PK600	F	24.0CT	.6	1.75	2.0	1.58	2.4	**6.35**	**5.29**	**4.81**

STACO ENERGY PRODUCTS CO. VARIABLE TRANSFORMERS AC VOLTAGE CONTROLS

DIMENSIONS (IN.)

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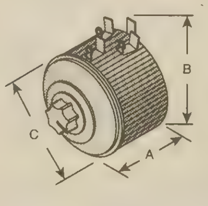

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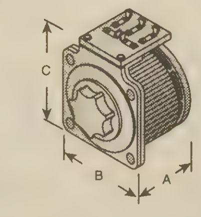

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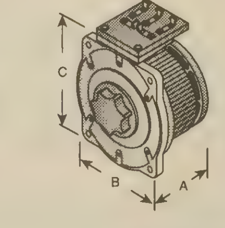

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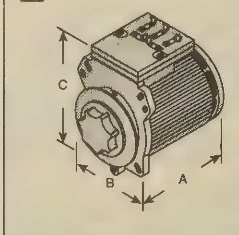

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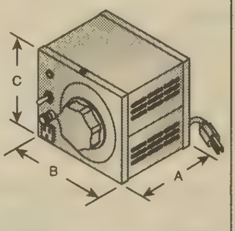

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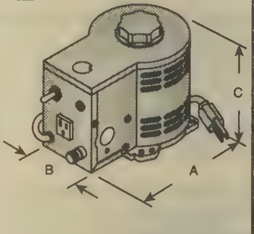


Open models are for back of panel mounting. Equipped with screw type or solder connection and adapters for 1/4" push-on connectors. Portable cord and plug models feature ventilated steel case, on-off switch, pilot light, fuse, 3 prong grounded cord with matching receptacle.

Features:

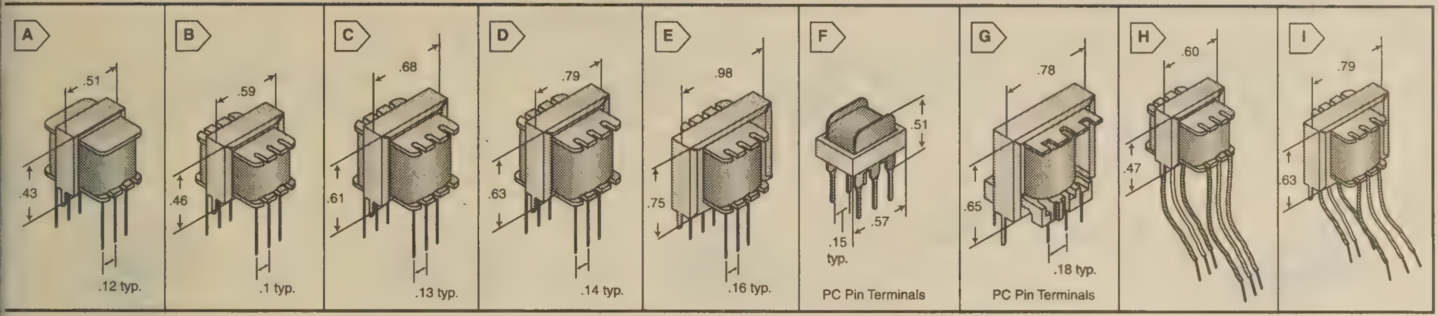
- Non-isolated
- 240V models will operate with either 120V or 240V input
- All models 50/60Hz except 5874-1210 60Hz only

LR18948

MOUSER STOCK NO.	Fig.	Output		Dimensions (In.)			Cross Reference		Price Each	
		Volts	Amps	A	B	C	Superior	Ohmite	1	5
5874-171	A	0-120/132	1.78	1.88	3.28	2.94	10C	VT1	**60.00**	**57.00**
5874-221B	A	0-120/132	2.5	2.13	3.28	2.94	10C	- - -	**62.00**	**58.90**
5874-291	A	0-120/132	3	2.31	3.28	2.94	- - -	VT3	**71.00**	**67.45**
5874-501B	B	0-120/140	5	3.06	3.75	5.00	21	VT5	**111.00**	**105.45**
5874-501C	B	0-120/140	5	3.06	3.75	4.38	21	VT5	**111.00**	**105.45**
5874-1520	C	0-240/280	9.5	4.63	6.13	6.81	226U	- - -	**260.00**	**247.00**
5874-1010B	D	0-120/140	10	4.16	5.00	6.09	116CU	VT10	**135.00**	**128.25**
5874-1020B	D	0-240/280	3.5	4.16	5.00	6.09	216CU	VT10H	**182.00**	**172.90**
5874-1210B	D	0-120	12.0	4.16	5.00	6.09	117CU	VT10	**152.00**	**144.40**
5874-3PN501B	E	0-120/140	5	4.47	6.06	5.38	- - -	VT5FC	**197.00**	**187.15**
5874-3PN1010B	F	0-120/140	10	6.88	3.19	4.44	3PN116C	VT8FC	**210.00**	**199.50**

HiQ MAGNETICS Audio Transformers

DIMENSIONS (IN.)



PC LEADS

✻ Dual Secondaries

MOUSER STOCK NO.	Fig.	Impedance (Ω)		Resistance (Ω)		Application (Typical)	Price Each		
		Pri.	Sec.	Pri.	Sec.		1	100	500
Microminiature Core Type EI-12, 75mW Max Output									
42TC030	A	100 CT	100 CT	9.12	7.20	Coupling	**2.35**	**1.96**	**1.78**
42TC001	A	500 CT	8 CT	44	1	Output	**2.64**	**2.20**	**2.00**
42TC016	A	600 CT	600 CT	68	55	Coupling	**2.64**	**2.20**	**2.00**
42TC013	A	1K CT	8 CT	55	1	Output	**2.64**	**2.20**	**2.00**
42TC021	A	4.0K CT	600 CT	173	45.5	Coupling	**2.55**	**2.13**	**1.93**
42TC019	A	10K CT	600 CT	375	62.6	Coupling	**2.61**	**2.18**	**1.98**
Ultraminiature Core Type EI-14, 75mW Max Output									
42TL030	B	100 CT	100 CT	10.9	9.10	Coupling	**1.43**	**1.19**	**1.08**
42TL004	B	200 CT	8 CT	12	1	Output	**1.37**	**1.14**	**1.04**
42TL023	B	300 CT	600 CT	30	35	Coupling	**1.37**	**1.14**	**1.04**
42TL001	B	500 CT	8 CT	35	1	Output	**1.37**	**1.14**	**1.04**
42TL026	B	500 CT	16 CT	43	1.9	Output	**1.37**	**1.14**	**1.04**
42TL009	B	500 CT	500 CT	40	38	Interstage	**1.37**	**1.14**	**1.04**
42TL031	B	600 CT	100 CT	42.8	20.2	Coupling	**1.52**	**1.25**	**1.14**
42TL016	B	600 CT	600 CT	65	55	Coupling	**1.37**	**1.14**	**1.04**
42TL020	B	600 CT	900 CT	36	50	Coupling	**1.37**	**1.14**	**1.04**
42TL008	B	800 CT	8 CT	40	1	Output	**1.37**	**1.14**	**1.04**
42TL013	B	1K CT	8 CT	60	1	Output	**1.37**	**1.14**	**1.04**
42TL027	B	1K CT	2K CT	130	140	Coupling	**1.37**	**1.14**	**1.04**
42TL003	B	1.2K CT	8 CT	80	1	Output	**1.37**	**1.14**	**1.04**
42TL011	B	1.5K CT	500 CT	120	55	Interstage	**1.37**	**1.14**	**1.04**
42TL022	B	1.5K CT	600 CT	125	55	Coupling	**1.37**	**1.14**	**1.04**
42TL021	B	4K CT	600 CT	148	64	Coupling	**1.37**	**1.14**	**1.04**
42TL018	B	7K CT	10K CT	400	385	Interstage	**1.64**	**1.37**	**1.24**
42TL024	B	10K CT	500 CT	530	136	Coupling	**1.46**	**1.21**	**1.10**
42TL019	B	10K CT	600 CT	450	100	Coupling	**1.46**	**1.21**	**1.10**
42TL002	B	10K CT	2K CT	500	200	Driver	**1.46**	**1.21**	**1.10**
42TL012	B	10K CT	5K CT	900	500	Interstage	**1.64**	**1.37**	**1.24**
42TL218	B	10K CT	10K CT	715	583	Interstage	**1.94**	**1.62**	**1.48**
42TL025	B	17K CT	1K CT	693	146	Coupling	**1.46**	**1.21**	**1.10**
42TL017	B	20K CT	600 CT	693	66	Coupling	**1.64**	**1.37**	**1.24**
42TL006	B	20K CT	1K CT	600	110	Interstage	**1.46**	**1.21**	**1.10**
Dual Secondary Ultraminiature Core Type EI-14, 75mW Max Output									
42TL028	B	600 CT	600/600	72	56/56	Coupling	**1.46**	**1.21**	**1.10**
Micro-Subminiature Core Type EI-16, 100mW Max Output									
42MC001	C	500 CT	8 CT	80	3.5	Output	**1.59**	**1.33**	**1.21**
Core Type EI-19, 200mW Max Output									
42TM030	D	100 CT	100 CT	9.25	7.80	Coupling	**1.68**	**1.40**	**1.27**
42TM004	D	200 CT	8 CT	12	1	Output	**1.73**	**1.44**	**1.31**
42TM010	D	350 CT	8 CT	20	1	Output	**1.73**	**1.44**	**1.31**
42TM118	D	400 CT	8 CT	40	1	Output	**1.73**	**1.44**	**1.31**
42TM001	D	500 CT	8 CT	26	1	Output	**1.73**	**1.44**	**1.31**
42TM026	D	500 CT	16 CT	50	5	Output	**1.73**	**1.44**	**1.31**
42TM009	D	500 CT	500 CT	50	40	Interstage	**1.73**	**1.44**	**1.31**
42TM031	D	600 CT	100 CT	30.1	14.3	Coupling	**1.83**	**1.53**	**1.39**
42TM023	D	600 CT	300 CT	55	30	Coupling	**1.73**	**1.44**	**1.31**
42TM016	D	600 CT	600 CT	65	55	Coupling	**1.73**	**1.44**	**1.31**
42TM008	D	800 CT	8 CT	40	1	Output	**1.73**	**1.44**	**1.31**
42TM013	D	1K CT	8 CT	75	1	Output	**1.73**	**1.44**	**1.31**
42TM027	D	1K CT	2K CT	85	85	Coupling	**1.73**	**1.44**	**1.31**
42TM003	D	1.2K CT	8 CT	80	1	Output	**1.73**	**1.44**	**1.31**
42TM011	D	1.5K CT	500 CT	120	50	Interstage	**1.73**	**1.44**	**1.31**
42TM022	D	1.5K CT	600 CT	65	45	Coupling	**1.73**	**1.44**	**1.31**
42TM021	D	4K CT	600 CT	244	77	Coupling	**1.73**	**1.44**	**1.31**
42TM114	D	4.6K CT	20 CT	300	2	Input	**1.73**	**1.44**	**1.31**
42TM113	D	8K	3K CT	300	200	Driver	**1.73**	**1.44**	**1.31**
42TM024	D	10K CT	500 CT	550	150	Coupling	**1.91**	**1.59**	**1.45**

PC LEADS

✻ Dual Secondaries

MOUSER STOCK NO.	Fig.	Impedance (Ω)		Resistance (Ω)		Application (Typical)	Price Each		
		Pri.	Sec.	Pri.	Sec.		1	100	500
Core Type EI-19, 200mW Max Output									
42TM019	D	10K CT	600 CT	600	100	Coupling	**1.91**	**1.59**	**1.45**
42TM002	D	10K CT	2K CT	600	155	Driver	**1.91**	**1.59**	**1.45**
42TM012	D	10K CT	5K CT	900	500	Interstage	**1.91**	**1.59**	**1.45**
42TM018	D	10K CT	10K CT	550	500	Interstage	**1.91**	**1.59**	**1.45**
42TM025	D	17K CT	1K CT	700	150	Coupling	**1.91**	**1.59**	**1.45**
42TM006	D	20K CT	1K CT	900	70	Interstage	**1.91**	**1.59**	**1.45**
42TM017	D	25K CT	600 CT	1000	80	Coupling	**1.91**	**1.59**	**1.45**
42TM117	D	50K CT	1K CT	1.2K	42	Input	**1.91**	**1.59**	**1.45**
Dual Secondary Core Type EI-19, 200mW Max Output									
✻ **42TM028**	D	600 CT	600/600	78	65/60	Coupling	**1.73**	**1.44**	**1.31**
Miniature Core Type EI-24, 400mW Max Output									
42TU048	E	48 CT	8 CT	2.5	.5	Output	**2.19**	**1.82**	**1.66**
42TU120	E	120 CT	8CT	7	.7	Output	**2.19**	**1.82**	**1.66**
42TU200	E	200 CT	8 CT	12	.5	Output	**2.19**	**1.82**	**1.66**
42TU400	E	500 CT	8 CT	18	.7	Output	**2.19**	**1.82**	**1.66**
42TU500	E	500 CT	500 CT	35	28	Interstage	**2.19**	**1.82**	**1.66**
42TU016	E	600 CT	600 CT	65	55	Coupling	**2.19**	**1.82**	**1.66**
42TU008	E	800 CT	8 CT	40	1	Output	**2.19**	**1.82**	**1.66**
42TU013	E	1K CT	8 CT	75	1	Output	**2.19**	**1.82**	**1.66**
42TU003	E	1.2K CT	8 CT	75	1	Output	**2.19**	**1.82**	**1.66**
42TU011	E	1.5K CT	500 CT	120	50	Interstage	**2.19**	**1.82**	**1.66**
42TU019	E	10K CT	600 CT	600	100	Coupling	**2.19**	**1.82**	**1.66**
42TU002	E	10K CT	2K CT	600	155	Driver	**2.19**	**1.82**	**1.66**
42TU012	E	10K CT	5K CT	425	220	Interstage	**2.19**	**1.82**	**1.66**

PC Pin Terminals

Microminiature Core Type EI-14, 75mW Max Output									
42XL001	F	500 CT	8 CT	35	1	Output	**1.50**	**1.25**	**1.14**
42XL009	F	500 CT	500 CT	40	38	Interstage	**1.50**	**1.25**	**1.14**
42XL031	F	600 CT	100 CT	74	28	Coupling	**1.64**	**1.37**	**1.24**
42XL016	F	600 CT	600 CT	65	55	Coupling	**1.50**	**1.25**	**1.14**
42XL003	F	1.2K CT	8 CT	80	1	Output	**1.50**	**1.25**	**1.14**
42XL002	F	10K CT	2K CT	580	200	Driver	**1.64**	**1.37**	**1.24**
Micro-Subminiature Core Type EI-19, 100mW Max Output									
42XM016	G	600 CT	600 CT	65	55	Coupling	**1.82**	**1.52**	**1.38**

Dual Secondaries with PC Leads

Core Type EI-19, 200mW Max Output									
42TM028	D	600 CT	600/600	78	65/60	Coupling	**1.73**	**1.44**	**1.31**
Ultraminiature Core Type EI-14, 75mW Max Output									
42TL028	B	600 CT	600/600	78	56/56	Coupling	**1.46**	**1.21**	**1.10**

2 1/4" Leads

Ultraminiature Core Type EI-14, 75mW Max Output									
42KL001	H	500 CT	8 CT	36	1	Driver	**1.69**	**1.40**	**1.28**
42KL002	H	10K CT	2K CT	500	200	Driver	**2.00**	**1.67**	**1.52**

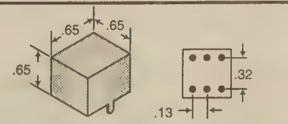
2" Leads

Subminiature Core Type EI-19, 200mW Max Output									
42KM001	I	500 CT	8 CT	20	1	Output	**2.00**	**1.67**	**1.52**
42KM008	I	800 CT	8 CT	40	1	Output	**2.00**	**1.67**	**1.52**
42KM014	I	1K CT	8 CT	40	.8	Output	**2.00**	**1.67**	**1.52**
42KM003	I	1.2K CT	8 CT	80	1	Output	**2.00**	**1.67**	**1.52**
42KM002	I	10K CT	2K CT	570	155	Driver	**2.37**	**1.97**	**1.79**
42KM006	I	18K CT	1K CT	900	70	Driver	**2.37**	**1.97**	**1.79**
42KM019	I	20K CT	4 CT	1000	.5	Output	**2.37**	**1.97**	**1.79**

SHIELDED AUDIO TRANSFORMERS

Epoxy encapsulated. Metal shielded to reduce magnetic cross coupling and electrostatic fields.

DIMENSIONS (IN.)



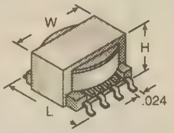
MOUSER STOCK NO.	Impedance (Ω)		Resistance (Ω)		Price Each		
	Primary	Secondary	Primary	Secondary	1	100	500
429-7201	500 CT	8 CT	35	1	**2.64**	**2.20**	**2.00**
429-7209	500 CT	500 CT	40	38	**2.64**	**2.20**	**2.00**
429-7216	600 CT	600 CT	65	55	**2.64**	**2.20**	**2.00**

MOUSER STOCK NO.	Impedance (Ω)		Resistance (Ω)		Price Each		
	Primary	Secondary	Primary	Secondary	1	100	500
429-7218	7K CT	10K CT	400	385	**2.64**	**2.20**	**2.00**
429-7202	10K CT	2K CT	580	200	**2.64**	**2.20**	**2.00**

Atech Communication Transformers

DIMENSIONS (IN.)

A



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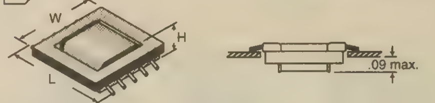

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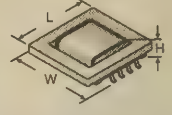

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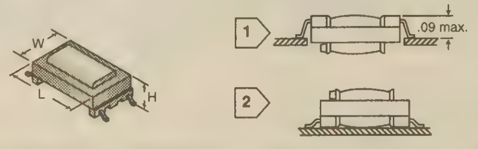

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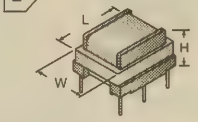

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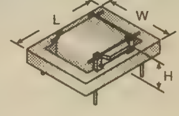

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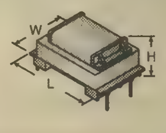

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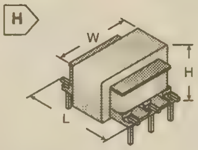

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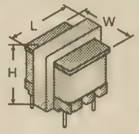

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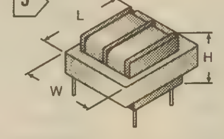

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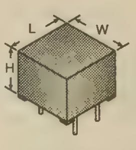

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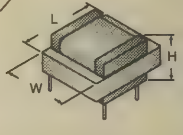


PCMCIA / SURFACE MOUNT MODEM TRANSFORMERS

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	Resistance (Ω)		Dielectric Strength	Crosses	Dimensions (In.)			Price Each		
		Pri.	Sec.		Pri.	Sec.			L	W	H	1	100	500
421-ATS033	A	600	600	1.0	55	43	1500	Midcom 671-8234	.492	.394	.228	**5.60**	**4.42**	**3.60**
421-ATS065	A	600	445	1.4	63	86	1500	Midcom 671-8258	.689	.610	.307	**6.76**	**5.82**	**3.98**
421-ATS108	B	600	295	3.15	160	145	1500	Midcom 671-8274	.80	.650	.165	**5.20**	**3.71**	**3.34**
421-ATS125	C	600	348	2.6	132	132	1500	Midcom 671-8269	.709	.669	.236	**4.94**	**3.53**	**3.17**
421-ATS158A	D1	600	348	2.6	136	128	1250	- - - - - -	.417	.315	.169	**5.98**	**4.27**	**3.38**
421-ATS169	D2	600	348	2.6	136	128	1250	- - - - - -	.417	.315	.173	**6.24**	**4.46**	**3.55**

POCKET/LAPTOP MODEM TRANSFORMERS

- Pin-compatible to allow upgrading to higher modem speeds
- Small size, suitable for laptop and pocket modems

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	Resistance (Ω)		Dielectric Strength	Crosses	Dimensions (In.)			Price Each		
		Pri.	Sec.		Pri.	Sec.			L	W	H	1	100	500
421-ATS007	E	600	600	1.3	55	65	3750	Midcom 671-8240	.539	.539	.429	**4.42**	**3.16**	**2.84**
421-ATS081	E	600	600	1.15	52	75	1500	Midcom 671-8255	.539	.539	.429	**4.42**	**3.16**	**2.84**
421-ATS119	E	600	324	2.9	140	140	1500	Midcom 671-8300	.539	.539	.429	**4.68**	**3.34**	**3.01**

LOW PROFILE MODEM TRANSFORMERS

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	DC Current mA	Resistance (Ω)		Dielectric Strength	Crosses	Dimensions (In.)			Price Each		
		Pri.	Sec.			Pri.	Sec.			L	W	H	1	100	500
421-ATS128	F	600	301	3.0	0	150	150	1500	Midcom 671-8039	1.024	.906	.472	**5.59**	**3.99**	**3.59**
421-ATS138	F	600	470	2.0	80	108	120	1250	- - - - - -	.906	.906	.472	**2.36**	**1.63**	**1.52**

THRU HOLE MODEM TRANSFORMERS

For quantities greater than listed, call for quot

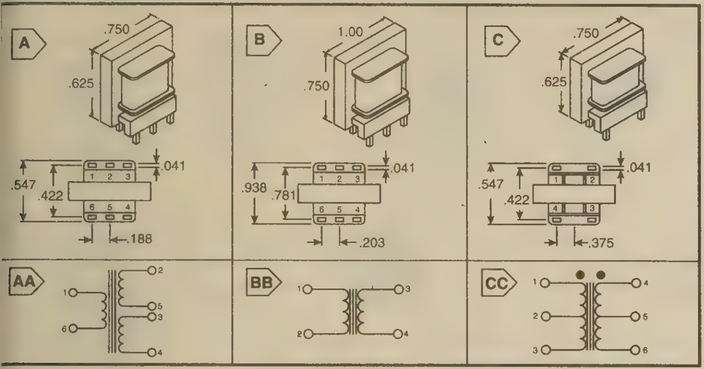
MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	DC Current mA	Resistance (Ω)		Dielectric Strength	Crosses	Dimensions (In.)			Price Each		
		Pri.	Sec.			Pri.	Sec.			L	W	H	1	100	500
421-ATS001	G	600	600	1.7	80	78	105	1500	- - - - - -	1.181	.767	.532	**2.21**	**1.58**	**1.42**
421-ATS003	G	600	600	2.7	80	147	104	3750	- - - - - -	1.181	.767	.496	**2.02**	**1.44**	**1.30**
421-ATS030	G	600	600	1.7	90	75	100	1500	Tamura TTC-143	1.181	.767	.532	**4.16**	**2.97**	**2.67**
421-ATS037	H	600	530	.85	0	45	45	1500	Midcom 671-1538	1.103	.780	.469	**5.85**	**4.18**	**3.49**
421-ATS040	I	600	600	.8	0	40	50	1500	- - - - - -	.787	.689	.709	**3.38**	**2.41**	**2.17**
421-ATS075	J	600	600	1.0	0	25	25	3750	- - - - - -	.772	.661	.394	**4.16**	**2.97**	**2.68**
421-ATS079	K	600	560	1.3	0	65	65	4000	- - - - - -	.713	.713	.55	**4.68**	**3.34**	**3.01**
421-ATS079B	J	600	560	1.3	0	65	65	4000	- - - - - -	.650	.650	.472	**5.07**	**3.62**	**3.26**
421-ATS091	K	600	560	1.15	0	65	65	4000	- - - - - -	.713	.713	.55	**4.94**	**3.53**	**3.17**
421-ATS091A	K	600	560	1.15	0	65	65	3750	- - - - - -	.650	.650	.472	**4.68**	**3.34**	**3.01**
421-ATS099	K	600	600	1.5	0	66	66	4000	- - - - - -	.697	.692	.413	**6.25**	**4.47**	**3.57**
421-ATS127	H	600	361	2.5	0	120	120	1500	Midcom 671-8262	1.102	.780	.469	**6.50**	**4.64**	**3.70**
421-ATS256	L	600	301	.3	0	150	150	1250	- - - - - -	.650	.650	.472	**3.00**	**2.09**	**1.75**

TELECOMMUNICATIONS TRANSFORMERS

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Impedance		Insertion Loss dB	DC Current mA	Resistance (Ω)		Dielectric Strength	Crosses	Dimensions (In.)			Price Each		
		Pri.	Sec.			Pri.	Sec.			L	W	H	1	100	500
421-ATS063	I	600	600	0.8	0	37	51	1250	Midcom 671-8205	.799	.591	.717	**4.73**	**3.38**	**2.83**
421-ATS080	G	600S	525	1.6	90	75	100	1500	Midcom 671-1561	1.181	.767	.496	**4.59**	**3.28**	**2.75**
421-ATS111	K	12K	2.6K	1.0	0	450	135	3750	P1727 compatible	.717	.717	.551	**5.95**	**5.51**	**3.63**

Telephone Coupling, Audio, and I.F. Transformers



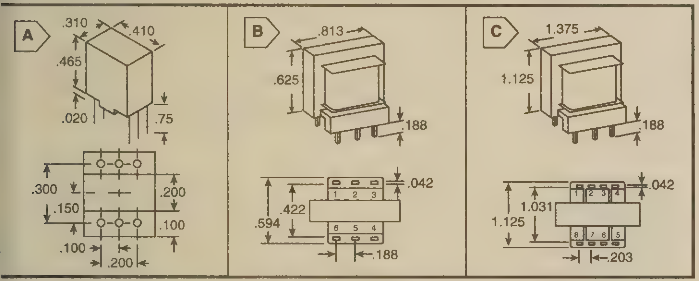
MagneTek TY SERIES TELEPHONE COUPLING TRANSFORMERS

Specifications:
- Complies with FCC rules part 68
- Power level: -45dBm to +7dBm
- Frequency response: 300-3500Hz ± 0.5dB

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Schematic	Impedance Pri (Ω)	Impedance Sec (Ω)	Application	Price Each 1	10	25	50
553-TY300P	A	AA	600	600/600	Hybrid *	5.56	4.73	4.23	3.78
553-TY302P	B	AA	600	600/600	Hybrid *	8.33	6.99	6.33	5.66
553-TY303P	C	BB	4K	600	Bridging	5.56	4.73	4.23	3.78
553-TY304P	A	CC	600CT	600CT	Coupling	5.56	4.73	4.23	3.78

* 2 units required for hybrid operation



MagneTek MINIATURE AUDIO TRANSFORMERS

Red Spec High-Reliability Audio Transformers

- Impedance matching: 10% over frequency range
- Hi-pot tested at 1000 VRMS
- Meets MIL-T-27D
- MIL Type: TF5S21ZZ (transformers); TF5S20ZZ (chokes)
- Working voltage: 150VDC
- Frequency response: 300Hz-50kHz

MOUSER STOCK NO.	Fig.	Impedance Pri. (Ω)	Impedance Sec. (Ω)	DC Resist. (Ω) Pri.	DC Resist. (Ω) Sec.	Pwr (mW)	Price Each 1	10	25
553-SP4	A	200K CT	1K CT	5300	100	10	21.29	17.99	16.18
553-SP5	A	50K CT	1K CT	3800	75	25	21.14	17.97	15.99
553-SP20	A	10K CT	1.2K CT	1050	200	50	20.84	17.71	15.84
553-SP21	A	10K CT	2K CT	1050	330	50	21.21	17.99	16.12
553-SP22	A	10K	2K CT/500§	1050	146/168§	50	21.69	18.44	16.48
553-SP29	A	10K CT	500 CT	1050	80	50	20.01	16.99	15.21
553-SP33	A	1K	50	145	8.0	50	17.25	14.66	13.11
553-SP42	A	150 CT	12	18	2.7	50	15.51	13.18	11.79
553-SP48	A	7.5K CT	12	796	2.9	50	18.39	15.63	13.98
553-SP49	A	300	600	41	98	50	21.98	18.68	16.70
553-SP50	A	500 CT	600	67	98	50	16.31	13.86	12.39
553-SP51	A	900 CT	600	104	96	50	19.12	16.25	14.53
553-SP52	A	1.5K CT	600	168	92	50	21.29	17.99	16.18
553-SP66	A	10K CT	10K CT	1000	1300	50	16.93	14.39	12.87
553-SP67	A	600 CT	600 CT	72	92	50	18.64	15.84	14.17
553-SP68	A	10K	10K CT2.5K§	1000	565/650§	50	22.33	18.98	16.97
553-SP69	A	600	600 CT/150§	72	40/45§	50	18.56	15.78	14.11
553-SP70	A	600	600	72	92	50	17.48	14.86	13.28
Choke									
553-SP128	A	0.1 HY	- - -	15.0	- - -	- - -	11.81	9.99	8.98
Shield									
553-SP310	A	- - -	- - -	- - -	- - -	- - -	2.76	2.35	2.09

§ = Split winding

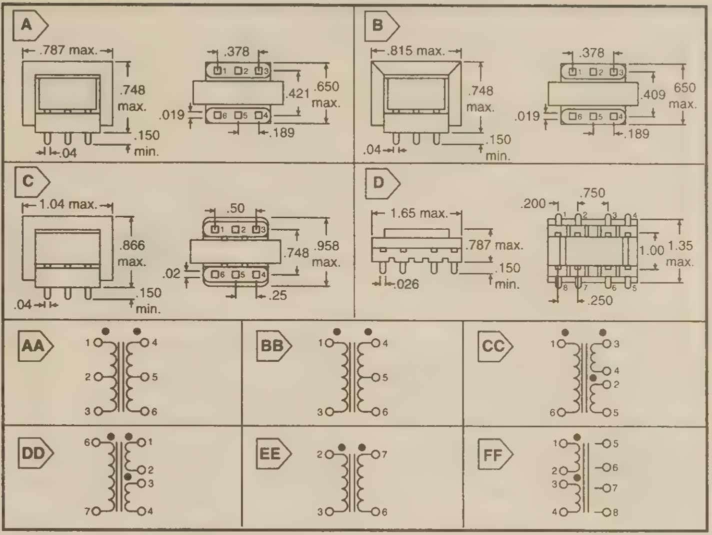
TY Series Plug-In PC Audio Transformers

- Impedance matching: 10% over frequency range
- Frequency response: 200-15kHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance Primary (Ω)	Impedance Sec. (Ω)	Pri. Cur. (mA)	Power	Price Each 1	10	25
553-TY141P	B	10K CT	10K CT	4	100mW	3.89	3.31	2.96
553-TY142P	B	10K CT	2K CT	4	100mW	3.89	3.31	2.96
553-TY144P	B	15K CT	15K CT	4	100mW	3.89	3.31	2.96
553-TY145P	B	600 CT	600 CT	15	100mW	3.89	3.31	2.96
553-TY146P	C	600 CT/150§	600 CT/150§	- - -	1W	7.22	6.14	5.49

§ = Split winding



HiQ MAGNETICS TELEPHONE COUPLING TRANSFORMERS

Manufactured to meet production requirements for standard telephone interconnection, line isolation, and impedance matching.

Transformers • Frequency response: 300 to 3500 Hz

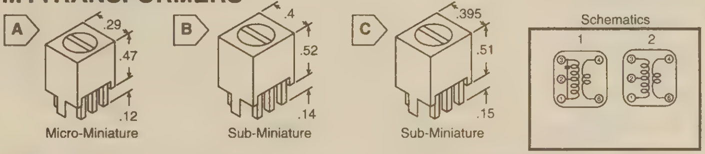
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Schematic	Impedance Pri (Ω)	Impedance Sec (Ω)	DC Current (mA)	Insertion Loss (Max. dB)	Price Each 1	10	50
420-8801	A	AA	600CT	600CT	0	1.5	2.89	2.41	2.19
420-8806	B	BB	600	600CT	90	2.5	2.89	2.41	2.19
420-8809	C	CC	600	600/600	0	1.2	3.74	3.09	2.74
420-8810	A	AA	600CT	900CT	0	1.5	2.54	2.09	1.89
420-8814	D	DD	600	300/300	75	1.3	5.79	4.83	4.39
420-8815	D	EE	600	600	80	2.5	5.79	4.83	4.39

Holding Coil
- Dielectric strength: 1500VRMS, 60Hz, 3mA, 60 sec.
- Varnish impregnation
- Pin-for-pin compatible with Stancor TTPC series
- For interconnecting data/voice
- Modem terminal to telephone lines
- Designed to meet FCC part 68

MOUSER STOCK NO.	Fig.	Schematic	Inductance (H)	IDC (mA)	Price Each 1	10	50	100
420-8817	D	FF	1.4	120	6.72	5.55	5.05	4.59

I.F. TRANSFORMERS



Micro-Miniature PC Mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impedance Pri : Sec	Application (Typical)	Cap Color	Schem.	Turns Ratio Pri : Sec	Price Each 1	10	100	500
455kHz										
42IF201	A	50K : 500	1st IF	Yel	1	22 : 1	1.16	.97	.88	.80
42IF202	A	30K : 500	2nd IF	White	1	22 : 1	1.16	.97	.88	.80
42IF203	A	20K : 5K	3rd IF	Black	1	8 : 1	1.16	.97	.88	.80
796kHz										
42IF200	A	Osc.	Tuning	Red	2	12 : 1	1.16	.97	.88	.80
10.7MHz										
42IF222	A	1K : 300	2nd & 3rd IF	Org	1	8 : 1	1.21	1.00	.91	.83
42IF223	A	25K : 1K	1st IF	Green	1	8 : 1	1.21	1.00	.91	.83
Variable Frequency (Capacitor-less)										
42IF224	A	15K : 300	2nd & 3rd IF	Org	2	8 : 1	1.16	.97	.88	.80

Sub-Miniature PC Mounting

For quantities greater than listed, call for quote.

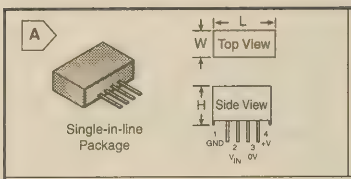
455kHz										
42IF101	C	60K : 600	1st IF	Yel	1	22 : 1	.79	.71	.65	.60
42IF301	B	50K : 500	1st IF	Yel	1	20 : 1	1.11	.93	.84	.77
42IF102	C	30K : 500	2nd IF	White	1	22 : 1	.79	.71	.65	.60
42IF302	B	30K : 500	2nd IF	White	1	22 : 1	1.11	.93	.84	.77
42IF103	C	20K : 6K	3rd IF	Black	1	6 : 1	.79	.71	.65	.60
42IF303	B	20K : 5K	3rd IF	Black	1	7 : 1	1.11	.93	.84	.77
796kHz										
42IF300	B	Osc.	Tuning	Red	2	10 : 1	1.11	.93	.84	.77
42IF100	C	Osc.	Tuning	Red	2	13 : 1	.79	.71	.65	.60
42IF110	C	Osc.	Tuning	Red	2	35 : 1	.63	.57	.52	.48
10.7 MHz										
42IF122	C	15K : 300	2nd & 3rd IF	Brown	1	14 : 1	.79	.71	.65	.60
42IF129	C	15K : 100	2nd & 3rd IF	Black	1	18 : 1	.79	.71	.65	.60
42IF123	C	25K : 4K	1st IF	Green	1	7 : 1	.79	.71	.65	.60
Variable Frequency (Capacitor-less)										
42IF104	C	50K : 500	1st IF	Yel	2	22 : 1	.79	.71	.65	.60
42IF106	C	20K : 5K	3rd IF	Black	2	6 : 1	.79	.71	.65	.60
42IF124	C	15K : 300	2nd & 3rd IF	Org	2	14 : 1	.63	.57	.52	.48

newport components

Isolated DC-DC Converters

DIMENSIONS (IN.)

A



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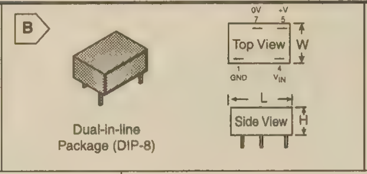

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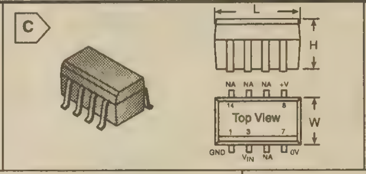

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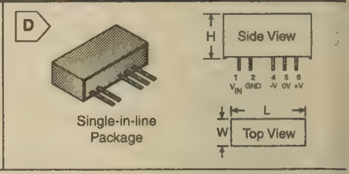

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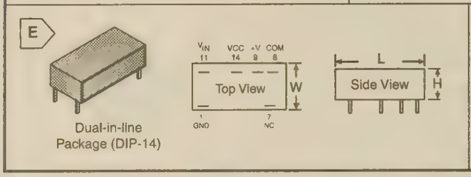

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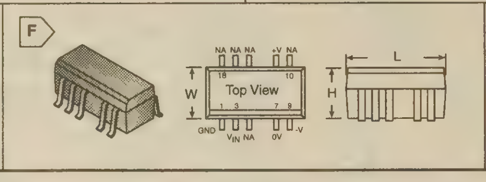

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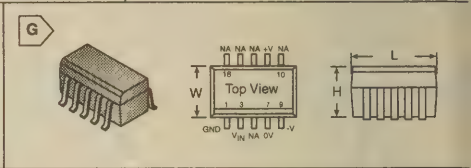


NME SERIES, 1W SINGLE OUTPUT

This series is particularly suited to isolating and/or converting DC power rails.

- 1KVDC isolation
- Efficiency to 75%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
SIP										
580-NME0505S	A	5	5	200	.24	.45	.39	8.78	8.51	7.42
580-NME0512S	A	5	12	84	.24	.45	.39	8.78	8.51	7.42
580-NME0515S	A	5	15	67	.24	.45	.39	8.78	8.51	7.42
580-NME1205S	A	12	5	200	.24	.45	.39	8.78	8.51	7.42
580-NME1212S	A	12	12	84	.24	.45	.39	8.78	8.51	7.42
580-NME1215S	A	12	15	67	.24	.45	.39	8.78	8.51	7.42
DIP										
580-NME0505D	B	5	5	200	.39	.45	.27	9.22	8.94	7.79
580-NME0512D	B	5	12	84	.39	.45	.27	9.22	8.94	7.79
580-NME0515D	B	5	15	67	.39	.45	.27	9.22	8.94	7.79
580-NME1205D	B	12	5	200	.39	.45	.27	9.22	8.94	7.79
580-NME1212D	B	12	12	84	.39	.45	.27	9.22	8.94	7.79
580-NME1215D	B	12	15	67	.39	.45	.27	9.22	8.94	7.79
580-NME2405D	B	24	5	200	.39	.45	.27	10.60	10.28	8.96

NKE SERIES, 1W SINGLE OUTPUT

This series is particularly suited to isolating and/or converting DC power rails.

- 3kVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- No electrolytic or tantalum capacitors
- No heatsink required
- Fully encapsulated with toroidal magnetics

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
580-NKE0505S	A	5	5	200	.24	.45	.29	8.33	8.09	7.05
580-NKE0509S	A	5	9	111	.24	.45	.29	8.33	8.09	7.05
580-NKE0512S	A	5	12	83	.24	.45	.29	8.33	8.09	7.05
580-NKE0515S	A	5	15	66	.24	.45	.29	8.33	8.09	7.05
580-NKE1205S	A	12	5	200	.24	.45	.29	8.33	8.09	7.05
580-NKE1209S	A	12	9	111	.24	.45	.29	8.33	8.09	7.05
580-NKE1212S	A	12	12	83	.24	.45	.29	8.33	8.09	7.05
580-NKE1215S	A	12	15	66	.24	.45	.29	8.33	8.09	7.05

NTE SERIES, SMT 1W SINGLE OUTPUT

This series of miniature surface mounted DC-DC Converters employ leadframe technology and transfer moulding techniques to bring all of the benefits of IC style packaging to hybrid circuitry.

- 1KVDC isolation
- Efficiency to 78%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
Surface Mount										
580-NTE0505M	C	5	5	200	.31	.50	.25	8.78	8.51	7.42
580-NTE0512M	C	5	12	83	.31	.50	.25	8.78	8.51	7.42
580-NTE0515M	C	5	15	66	.31	.50	.25	8.78	8.51	7.42
580-NTE1205M	C	12	5	200	.31	.50	.25	8.78	8.51	7.42
580-NTE1212M	C	12	12	83	.31	.50	.25	8.78	8.51	7.42
580-NTE1215M	C	12	15	66	.31	.50	.25	8.78	8.51	7.42

NMA SERIES, 1W DUAL OUTPUT

Ideally suited to providing dual rail supplies on primarily digital boards with the added benefit of galvanic isolation to reduce switching noise.

- 1KVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
SIP										
580-NMA0315S	D	3.3	±15	34	.24	.77	.39	8.78	8.51	7.42
580-NMA0505S	D	5	±5	100	.24	.77	.39	8.78	8.51	7.42
580-NMA0512S	D	5	±12	42	.24	.77	.39	8.78	8.51	7.42
580-NMA0515S	D	5	±15	34	.24	.77	.39	8.78	8.51	7.42
580-NMA1205S	D	12	±5	100	.24	.77	.39	8.78	8.51	7.42
580-NMA1212S	D	12	±12	42	.24	.77	.39	8.78	8.51	7.42
580-NMA1215S	D	12	±15	34	.24	.77	.39	8.78	8.51	7.42
580-NMA2415S	D	24	±15	34	.24	.77	.39	10.10	9.80	8.53
DIP										
580-NMA0505D	E	5	±5	100	.39	.78	.27	9.22	8.94	7.79
580-NMA0512D	E	5	±12	42	.39	.78	.27	9.22	8.94	7.79
580-NMA0515D	E	5	±15	34	.39	.78	.27	9.22	8.94	7.79
580-NMA1212D	E	12	±12	42	.39	.78	.27	9.22	8.94	7.79
580-NMA1215D	E	12	±15	34	.39	.78	.27	9.22	8.94	7.79
580-NMA2405D	E	24	±5	100	.39	.78	.27	10.60	10.28	8.96
580-NMA2415D	E	24	±15	34	.39	.78	.27	10.60	10.28	8.96

NKA SERIES, 1W DUAL OUTPUT

This series is the standard building blocks for on-board distributed power systems.

- 3kVDC isolation
- Efficiency to 82%
- UL 94V-0 package material
- No heatsink required
- Fully encapsulated with toroidal magnetics
- No electrolytic or tantalum capacitors

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
580-NKA0505S	D	5	5	±100	.23	.65	.30	8.33	8.09	7.05
580-NKA0509S	D	5	9	±55	.23	.65	.30	8.33	8.09	7.05
580-NKA0512S	D	5	12	±42	.23	.65	.30	8.33	8.09	7.05
580-NKA0515S	D	5	15	±33	.23	.65	.30	8.33	8.09	7.05
580-NKA1205S	D	12	5	±100	.23	.65	.30	8.33	8.09	7.05
580-NKA1209S	D	12	9	±55	.23	.65	.30	8.33	8.09	7.05
580-NKA1212S	D	12	12	±42	.23	.65	.30	8.33	8.09	7.05
580-NKA1215S	D	12	15	±33	.23	.65	.30	8.33	8.09	7.05

NTV SERIES, 1W DUAL OUTPUT

This series employs lead frame technology and transfer moulding techniques to bring all of the benefits of IC style packaging to hybrid circuitry.

- 3kVDC isolation (1min.)
- Dual isolated output
- Efficiency to 82%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Plastic encapsulated

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
580-NTV0505M	F	5	5	±100	.30	.60	.25	10.97	10.64	9.27
580-NTV0509M	F	5	9	±55	.30	.60	.25	10.97	10.64	9.27
580-NTV0512M	F	5	12	±42	.30	.60	.25	10.97	10.64	9.27
580-NTV0515M	F	5	15	±33	.30	.60	.25	10.97	10.64	9.27
580-NTV1205M	F	12	5	±100	.30	.60	.25	10.97	10.64	9.27
580-NTV1209M	F	12	9	±55	.30	.60	.25	10.97	10.64	9.27
580-NTV1212M	F	12	12	±42	.30	.60	.25	10.97	10.64	9.27
580-NTV1215M	F	12	15	±33	.30	.60	.25	10.97	10.64	9.27

NTA SERIES, SMT 1W DUAL OUTPUT

The NTA series of miniature surface mounted DC-DC Converters employ leadframe technology and transfer moulding techniques to bring all of the benefits of IC style packaging to hybrid circuitry.

- 1KVDC isolation
- Efficiency to 78%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
Surface Mount										
580-NTA0505M	G	5	±5	100	.31	.60	.25	8.78	8.51	7.42
580-NTA0512M	G	5	±12	42	.31	.60	.25	8.78	8.51	7.42
580-NTA0515M	G	5	±15	33	.31	.60	.25	8.78	8.51	7.42
580-NTA1205M	G	12	±5	100	.31	.60	.25	8.78	8.51	7.42
580-NTA1212M	G	12	±12	42	.31	.60	.25	8.78	8.51	7.42
580-NTA1215M	G	12	±15	33	.31	.60	.25	8.78	8.51	7.42

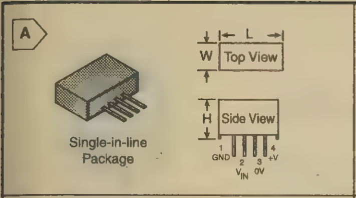
NMV SERIES, 3KVDC ISOLATION, 1W DUAL OUTPUT

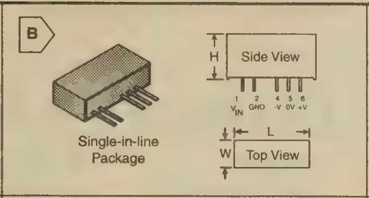
- 3KVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

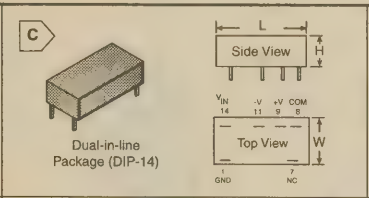
MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
SIP										
580-NMV0505S	D	5	±5	100	.24	.77	.39	10.97	10.64	9.27
580-NMV0512S	D	5	±12	42	.24	.77	.39	10.97	10.64	9.27
580-NMV1212S	D	12	±12	42	.24	.77	.39	10.97	10.64	9.27
580-NMV1215S	D	12	±15	34	.24	.77	.39	10.97	10.64	9.27
580-NMV0515S	D	5	±15	34	.24	.77	.39	10.97	10.64	9.27
580-NMV1205S	D	12	±5	100	.24	.77	.39	10.97	10.64	9.27
DIP										
580-NMV0505D	E	5	±5	100	.39	.77	.27	11.52	11.18	9.74
580-NMV0515D	E	5	±15	34	.39	.77	.27	11.52	11.18	9.74
580-NMV0512D	E	5	±12	42	.39	.77	.27	11.52	11.18	9.74
580-NMV1205D	E	12	±5	100	.39	.77	.27	11.52	11.18	9.74
580-NMV1212D	E	12	±12	42	.39	.77	.27	11.52	11.18	9.74
580-NMV1215D	E	12	±15	34	.39	.77	.27	11.52	11.18	9.74

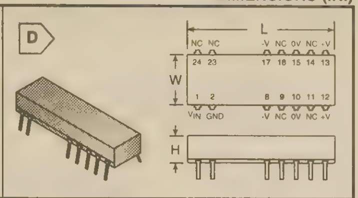
Isolated DC-DC Converters

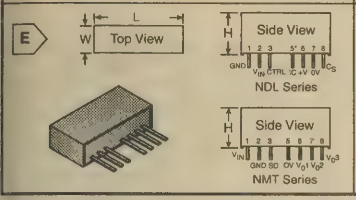
DIMENSIONS (IN.)

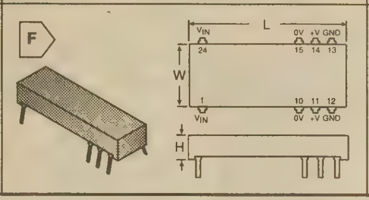


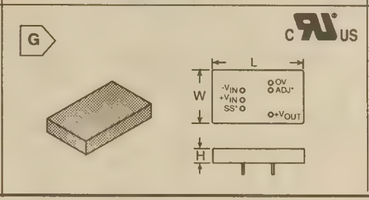


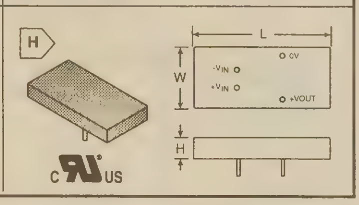












NML SERIES, 2W SINGLE OUTPUT

The NML is the smallest footprint 2 watt DC-DC Converter currently available.

- 1KVDC isolation
- Efficiency to 85%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
SIP										
580-NML0505S	A	5	5	400	.30	.55	.39	14.04	13.62	11.87
580-NML0512S	A	5	12	167	.30	.55	.39	14.04	13.62	11.87
580-NML0515S	A	5	15	133	.30	.55	.39	14.04	13.62	11.87
580-NML1205S	A	12	5	400	.30	.55	.39	14.04	13.62	11.87
580-NML1212S	A	12	12	167	.30	.55	.39	14.04	13.62	11.87
580-NML1215S	A	12	15	133	.30	.55	.39	14.04	13.62	11.87

NMH SERIES, 2W DUAL OUTPUT

The NMH offers the smallest footprint of any dual-output 2 watt DC-DC Converter.

- 1KVDC isolation
- Efficiency to 80%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

SIP										
580-NMH0505S	B	5	±5	200	.30	.77	.39	14.04	13.62	11.87
580-NMH0512S	B	5	±12	83	.30	.77	.39	14.04	13.62	11.87
580-NMH0515S	B	5	±15	67	.30	.77	.39	14.04	13.62	11.87
580-NMH1205S	B	12	±5	200	.30	.77	.39	14.04	13.62	11.87
580-NMH1212S	B	12	±12	83	.30	.77	.39	14.04	13.62	11.87
580-NMH1215S	B	12	±15	67	.30	.77	.39	14.04	13.62	11.87
DIP										
580-NMH0505D	C	5	±5	200	.39	.77	.27	14.75	14.30	13.46
580-NMH0512D	C	5	±12	83	.39	.77	.27	14.75	14.30	13.46
580-NMH0515D	C	5	±15	67	.39	.77	.27	14.75	14.30	13.46
580-NMH1212D	C	12	±12	83	.39	.77	.27	14.75	14.30	13.46
580-NMH1205D	C	12	±5	200	.39	.77	.27	14.75	14.30	13.46
580-NMH1215D	C	12	±15	67	.39	.77	.27	14.75	14.30	13.46

NMS SERIES, 6KVDC ISOLATED 2W DUAL OUTPUT

The NMS series of DC-DC converters are fully certified to BS EN 60950, this makes them ideal for all telecom and safety applications where approved isolation is required.

- BS EN 60950 certified
- 6KVDC isolation
- Efficiency to 80%
- UL 94V-O package material
- No heatsink required
- No external compomnents required

580-NMS0505	D	5	±5	200	0.58	1.28	0.37	22.47	21.80	18.99
580-NMS0512	D	5	±12	83	0.58	1.28	0.37	22.47	21.80	18.99
580-NMS0515	D	5	±15	67	0.58	1.28	0.37	22.47	21.80	18.99
580-NMS1205	D	12	±5	200	0.58	1.28	0.37	22.47	21.80	18.99
580-NMS1212	D	12	±12	83	0.58	1.28	0.37	22.47	21.80	18.99
580-NMS1215	D	12	±15	67	0.58	1.28	0.37	22.47	21.80	18.99

NDL SERIES, ISOLATED 2W WIDE INPUT SINGLE OUTPUT

The NDL series is a range of high performance miniature DC-DC converters having regulated outputs over the wide temperature range of -40°C to 85°C with no power derating.

- 2:1 wide range voltage input
- Continuous short circuit protection with current foldback
- 0.5% regulation
- 1KVDC isolation
- External control
- UL 94V-O package materials

580-NDL1205S	E	9-18	5	400	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL1212S	E	9-18	12	167	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL1215S	E	9-18	15	134	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL2405S	E	18-36	5	400	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL2412S	E	18-36	12	167	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL2415S	E	18-36	15	134	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL4805S	E	36-72	5	400	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL4812S	E	36-72	12	167	0.36	0.86	0.44	21.07	20.44	17.80
580-NDL4815S	E	36-72	15	134	0.36	0.86	0.44	21.07	20.44	17.80

NDY SERIES, 3W WIDE INPUT SINGLE OUTPUT

A range of low profile converters offering a single regulated output over a 2:1 input voltage range.

- 1KVDC Isolation
- Efficiency to 83%
- UL 94V-0 package material
- No heatsink required
- Toroidal magnetics
- Fully encapsulated

SIP										
580-NDY2405	F	18-36	5	600	.58	1.27	.28	22.61	21.93	19.11
580-NDY2412	F	18-36	12	250	.58	1.27	.28	22.61	21.93	19.11
580-NDY2415	F	18-36	15	200	.58	1.27	.28	22.61	21.93	19.11
580-NDY4805	F	36-72	5	600	.58	1.27	.28	22.61	21.93	19.11
580-NDY4812	F	36-72	12	250	.58	1.27	.28	22.61	21.93	19.11
580-NDY4815	F	36-72	15	200	.58	1.27	.28	22.61	21.93	19.11

NMT SERIES, 3W DC-DC CONVERTERS WITH SHUTDOWN

This series is a range of DC-DC converters offering three output voltages of -24V, -48V, and -72V from a single isolated 5V or 12V input voltage. This product is packaged in an 8 pin SIP case for minimum PCB footprint.

- Triple outputs (-24V, -48V, and -72V)
- TTL/CMOS compatible on/off control
- Toroidal magnetics
- Input/output isolation 1KVDC
- Internal SMD construction
- UL 94-V-0 package material

✻ Io assumes all 3 channels are equally loaded

MOUSER STOCK NO.	Fig.	Input Volts	Output Volts	✻Io (mA)	Dimensions (In.)			Price Each		
					W	L	H	1	25	50
580-NMT0572SZ	E	5	-24 -48 -72	42 21 14	.36	.86	.44	15.20	14.37	13.47
580-NMT1272SZ	E	12	-24 -48 -72	42 21 14	.36	.86	.44	15.20	14.37	13.47

NPH SERIES, 10W SINGLE OUTPUT

This series combines ease of application with versatility. The pin pattern is based on the popular industry standard, but two additional pins may optionally be fitted to provide a variety of feature not commonly found on units of this type

- High efficiency to 86%
- 1.5 kV input to output isolation
- Industry standard pinout
- Surge rating to 12W
- Operation to zero load
- Protected against load faults
- UL 94V-0 package material

580-NPH10S2403I	G	24	3.4	2.94	.99	1.26	.39	36.18	35.10	30.57
580-NPH10S2405I	G	24	5.1	1.96	.99	1.26	.39	36.18	35.10	30.57
580-NPH10S2412I	G	24	12.1	.83	.99	1.26	.39	36.18	35.10	30.57
580-NPH10S2415I	G	24	15.1	.67	.99	1.26	.39	36.18	35.10	30.57
580-NPH10S4803I	G	48	3.4	2.94	.99	1.26	.39	36.18	35.10	30.57
580-NPH10S4805I	G	48	5.1	1.96	.99	1.26	.39	36.18	35.10	30.57
580-NPH10S4812I	G	48	12.1	.83	.99	1.26	.39	36.18	35.10	30.57
580-NPH10S4815I	G	48	15.1	.67	.99	1.26	.39	36.18	35.10	30.57

NPH SERIES, 15W SINGLE OUTPUT

This series combines ease of application with versatility. The pin pattern is based on the popular industry standard, but two additional pins may optionally be fitted to provide a variety of features not commonly found on units of this type.

- High efficiency to 89%
- 1.5KV input to output isolation
- UL 1950 Recognized (E179522)
- Industry standard pinout
- Constant 350KHZ frequency
- Operation to zero load
- Protected against all load faults

580-NPH15S4803I	H	36-72	3.3	4.4	.99	1.98	.40	48.13	46.69	40.67
580-NPH15S4805I	H	36-72	5	2.9	.99	1.98	.40	48.13	46.69	40.67
580-NPH15S4812I	H	36-72	12	1.25	.99	1.98	.40	48.13	46.69	40.67
580-NPH15S4815I	H	36-72	15	1	.99	1.98	.40	48.13	46.69	40.67
580-NPH15S2403I	H	18-36	3.3	4.4	.99	1.98	.40	48.13	46.69	40.67
580-NPH15S2405I	H	18-36	5	2.9	.99	1.98	.40	48.13	46.69	40.67
580-NPH15S2412I	H	18-36	12	1.25	.99	1.98	.40	48.13	46.69	40.67
580-NPH15S2415I	H	18-36	15	1	.99	1.98	.40	48.13	46.69	40.67

NPH SERIES, 25W SINGLE OUTPUT

This series of DC-DC Converters combines ease of application with versatility. Overload protection of the "constant current" type ensures start-up into complex load conditions. The copper case achieves efficient heat transfer and screening.

- High efficiency to 89%
- 1.5KV input to output isolation
- UL 1950 Recognized (E179522)
- Industry standard pinout
- Constant 350KHZ frequency
- Operation to zero load
- Protected against all load faults

580-NPH25S2403	G	24	3.4	6	1.38	1.97	.39	54.98	51.98	48.74
580-NPH25S2405	G	24	5.1	5	1.38	1.97	.39	54.98	51.98	48.74
580-NPH25S2412	G	24	12.1	2.1	1.38	1.97	.39	54.98	51.98	48.74
580-NPH25S2415	G	24	15.1	1.7	1.38	1.97	.39	54.98	51.98	48.74
580-NPH25S4803	G	48	3.4	6	1.38	1.97	.39	54.98	51.98	48.74
580-NPH25S4805	G	48	5.1	5	1.38	1.97	.39	54.98	51.98	48.74
580-NPH25S4812	G	48	12.1	2.1	1.38	1.97	.39	54.98	51.98	48.74
580-NPH25S4815	G	48	15.1	1.7	1.38	1.97	.39	54.98	51.98	48.74

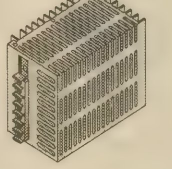
NEWPORT COMPONENTS CD-ROM

Provides full technical details on all of Newport Components' power products including DC-DC converters, inductors, and transformers. The CD-ROM is supplied with ready-to-install Adobe Acrobat™ Reader software.

MOUSER STOCK NO.	Price Each
580-CDROM	2.49

ETA-USA Switching Power Supplies and DC-DC Converters

SWITCHING POWER SUPPLIES



ER Series is a low cost, high efficiency series of switching power supplies with a 3 year warranty. Available with up to 3 output channels and from 10 to 150 watt output.

- 3 year warranty
- Input: 85-132VAC
- Overvoltage protection
- EMI level: complies with FCC class B, class A for ERD & ERE
- Cross to Cosel K and MMC Series

ER Series AC Input Single Output

For quantities greater than listed, call for quote.

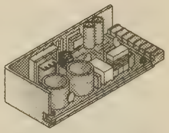
MOUSER STOCK NO.	Power	Output	Dimensions (In.)			Price Each
			W	L	H	
618-ERS05SA	10W	5VDC 2A	2.91	2.68	1.06	38.05
618-ERS12SA	10W	12VDC .9A	2.91	2.68	1.06	38.05
618-ERS15SA	10W	15VDC .7A	2.91	2.68	1.06	38.05
618-ERS24SA	10W	24VDC .5A	2.91	2.68	1.06	38.05
618-ERM05SA	15W	5VDC 3A	3.82	3.88	1.22	47.63
618-ERM12SA	15W	12VDC 1.3A	3.82	3.88	1.22	47.63
618-ERM15SA	15W	15VDC 1A	3.82	3.88	1.22	47.63
618-ERM24SA	15W	24VDC .7A	3.82	3.88	1.22	47.63
618-ERA05SA	25W	5VDC 5A	3.82	4.59	1.22	56.94
618-ERA12SA	25W	12VDC 2.1A	3.82	4.59	1.22	56.94
618-ERA15SA	25W	15VDC 1.7A	3.82	4.59	1.22	56.94
618-ERA24SA	25W	24VDC 1.1A	3.82	4.59	1.22	56.94
618-ERB05SA	50W	5VDC 10A	3.82	6.26	1.46	76.66
618-ERB12SA	50W	12VDC 4.2A	3.82	6.26	1.46	76.66
618-ERB15SA	50W	15VDC 3.4A	3.82	6.26	1.46	76.66
618-ERB24SA	50W	24VDC 2.1A	3.82	6.26	1.46	76.66
618-ERD05SA	100W	5VDC 20A	1.97	6.50	3.66	118.53
618-ERD12SA	100W	12VDC 8.5A	1.97	6.50	3.66	118.53
618-ERD15SA	100W	15VDC 7A	1.97	6.50	3.66	118.53
618-ERD24SA	100W	24VDC 4.5A	1.97	6.50	3.66	118.53
618-ERE05SA	150W	5VDC 30A	2.56	6.97	3.62	154.13
618-ERE12SA	150W	12VDC 14A	2.56	6.97	3.62	154.13
618-ERE15SA	150W	15VDC 11A	2.56	6.97	3.62	154.13
618-ERE24SA	150W	24VDC 7A	2.56	6.97	3.62	154.13

ER Series AC Input Multi Output

For quantities greater than listed, call for quote.

618-ERT21HWA	40W	24V 1.1A, 5V 3A	3.82	6.04	1.46	77.47
618-ERT22HWA	40W	12V 2A, 12V 1.3A	3.82	6.04	1.46	77.47
618-ERT24HWA	40W	12V 2A, 5V 3A	3.82	6.04	1.46	77.47
618-ERB21HWA	60W	5V 5A, 24V 1.5A	3.82	6.26	1.46	98.00
618-ERB22HWA	60W	12V 2A, 12V 3A	3.82	6.26	1.46	98.00
618-ERB24HWA	60W	5V 5A, 12V 3A	3.82	6.26	1.46	98.00
618-ERS01A	8W	5V 1.2A, +12V .1A, -12V .1A	3.82	2.68	1.06	43.79
618-ERS03A	8W	5V 1.2A, +12V .1A, -5V .1A	3.82	2.68	1.06	43.79
618-ERS04A	8W	5V 1.2A, +15V .1A, -15V .1A	3.82	2.68	1.06	43.79
618-ERM01A	15W	5V 2A, +12V .3A, +12V .2A	3.82	3.88	1.22	52.29
618-ERM04A	15W	5V 2A, +15V .2A, -15V .2A	2.91	3.88	1.22	52.29
618-ERT01A	30W	5V 3A, +12V 1.2A, -12V .3A	2.91	6.04	1.46	72.82
618-ERT04A	30W	5V 3A, +15V .5A, -15V .5A	2.91	6.04	1.46	72.82
618-ERB01A	50W	5V 5A, +12V 1.5A, -12V .5A	3.82	6.26	1.46	92.26
618-ERB03A	50W	5V 5A, +12V 1.5A, -5V .5A	3.82	6.26	1.46	92.26
618-ERB04A	50W	5V 5A, +15V 1.2A, -15V .5A	3.82	6.26	1.46	92.26

PL Series AC Input Single Output

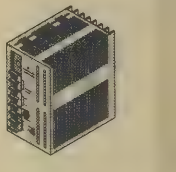


PL Series was designed for applications with peak load consumption such as motordrive systems. The maximum possible output power consumption is 360W during a period of 10 seconds. The power supply is safety approved according to VDE, UL, CSA, and complies to EMI standard EN 55022/B.

- Input selectable: 85 - 132VAC, 170 - 264VAC
- 3 year warranty

MOUSER STOCK NO.	Power	Output	Dimensions (In.)			Price Each		
			W	L	H	1	5	10
618-PLEY12HSZU	240W	12V 18A	2.56	9.25	4.33	229.98	215.61	208.42
618-PLEY24HSZU	240W	24V 10A	2.56	9.25	4.33	229.98	215.61	208.42
618-PLEY36HSZU	240W	36V 6.8A	2.56	9.25	4.33	229.98	215.61	208.42

FH Series AC Input Single Output



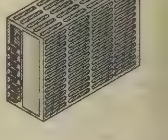
This series of switching power supplies has it all in one: power factor correction, low line distortion, universal input, and UL1950, CSA 234, and VDE/EN 60950 approvals.

- 3 year warranty
- Power factor corrected
- Universal input: 85-264VAC
- Immunity against surge and burst
- EMI/RFI complies to VDE 0871/B, EN 55022/B, FCC/B
- UL, CSA, and VDE approvals

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Power	Output	Dimensions (In.)			Price Each		
			W	L	H	1	5	10
618-FHD05SX	100W	5V 20A	1.89	7.52	3.86	205.42	192.59	186.17
618-FHD12SX	100W	12V 9A	1.89	7.52	3.86	205.42	192.59	186.17
618-FHD24SX	100W	24V 4.5A	1.89	7.52	3.86	205.42	192.59	186.17
618-FHE05SX	150W	5V 30A	2.56	8.15	3.66	261.50	250.79	242.43
618-FHE12SX	150W	12V 14A	2.56	8.15	3.66	261.50	250.79	242.43
618-FHE24SX	150W	24V 7A	2.56	8.15	3.66	261.50	250.79	242.43
618-FHF05SX	300W	5V 60A	4.72	6.69	3.66	459.66	430.94	416.57
618-FHF12SX	300W	12V 27A	4.72	6.69	3.66	459.66	430.94	416.57
618-FHF15SX	300W	15V 22A	4.72	6.69	3.66	459.66	430.94	416.57
618-FHF24SX	300W	24V 14A	4.72	6.69	3.66	459.66	430.94	416.57
618-FHF48SX	300W	48V 7A	4.72	6.69	3.66	459.66	430.94	416.57
618-FHP05SX	450W	5V 90A	4.72	7.48	3.66	554.19	519.56	502.24
618-FHP12SX	450W	12V 40A	4.72	7.48	3.66	554.19	519.56	502.24
618-FHP15SX	450W	15V 32A	4.72	7.48	3.66	554.19	519.56	502.24
618-FHP24SX	450W	24V 20A	4.72	7.48	3.66	554.19	519.56	502.24
618-FHP48SX	450W	48V 10A	4.72	7.48	3.66	554.19	519.56	502.24
618-FHG05SX	600W	5V 120A	5.12	7.87	3.66	674.96	632.78	611.68
618-FHG12SX	600W	12V 53A	5.12	7.87	3.66	674.96	632.78	611.68
618-FHG15SX	600W	15V 42A	5.12	7.87	3.66	674.96	632.78	611.68
618-FHG24SX	600W	24V 27A	5.12	7.87	3.66	674.96	632.78	611.68
618-FHG48SX	600W	48V 13.5A	5.12	7.87	3.66	674.96	632.78	611.68

WR Series AC Input Single Output



A broad line of high-efficiency rugged industrial grade switching power supplies with UL, cUL, VDE, and CE approvals. All supplies are internally fused. No forced air required.

- 3 year warranty
- Universal input: 85 - 264VAC
- Overvoltage / current protection
- EMI level: VDE 0871/B, EN55022/B, FCC class B
- Cross to Cosel P Series

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Power	Output	Dimensions (In.)			Price Each		
			W	L	H	1	5	10
618-WRM05SXU	15W	5V 3A	3.82	3.88	1.32	60.54	56.76	54.87
618-WRM12SXU	15W	12V 1.3A	3.82	3.88	1.32	60.54	56.76	54.87
618-WRM15SXU	15W	15V 1A	3.82	3.88	1.32	60.54	56.76	54.87
618-WRM24SXU	15W	24V .7A	3.82	3.88	1.32	60.54	56.76	54.87
618-WRT05SXU	30W	5V 6A	3.82	4.88	1.44	76.86	72.06	69.66
618-WRT12SXU	30W	12V 2.5A	3.82	4.88	1.44	76.86	72.06	69.66
618-WRT15SXU	30W	15V 2A	3.82	4.88	1.44	76.86	72.06	69.66
618-WRT24SXU	30W	24V 1.4A	3.82	4.88	1.44	76.86	72.06	69.66
618-WRB05SXU	50W	5V 10A	3.82	6.26	1.56	104.77	98.22	94.95
618-WRB12SXU	50W	12V 4.2A	3.82	6.26	1.56	104.77	98.22	94.95
618-WRB15SXU	50W	15V 3.4A	3.82	6.26	1.56	104.77	98.22	94.95
618-WRB24SXU	50W	24V 2.1A	3.82	6.26	1.56	104.77	98.22	94.95
618-WRD05SXU	100W	5V 20A	3.66	7.52	1.89	187.52	175.80	169.94
618-WRD12SXU	100W	12V 9A	3.66	7.52	1.89	187.52	175.80	169.94
618-WRD15SXU	100W	15V 7A	3.66	7.52	1.89	187.52	175.80	169.94
618-WRD24SXU	100W	24V 4.5A	3.66	7.52	1.89	187.52	175.80	169.94
618-WRE05SXU	150W	5V 30A	2.56	8.15	3.66	246.64	231.23	223.52
618-WRE12SXU	150W	12V 14A	2.56	8.15	3.66	246.64	231.23	223.52
618-WRE24SXU	150W	24V 7A	2.56	8.15	3.66	246.64	231.23	223.52

DC-DC CONVERTERS

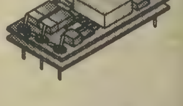
OB Series AC/DC switching power supplies are designed and built to be installed right onto the user's printed circuit board, like a piece of "patch-work", a real "Power Patch". They are small, light weight and boast a wide input range.

DC Input Single Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power	Input	Output	Dimensions (In.)			Price Each		
				W	L	H	1	5	10
618-OBQ05SC05	3W	5V	5V .5A	.79	1.26	.39	19.17	17.97	17.37
618-OBQ12SC05	3W	5V	12V .25A	.79	1.26	.39	19.17	17.97	17.37
618-OBQ15SC05	3W	5V	15V .2A	.79	1.26	.39	19.17	17.97	17.37
618-OBQ05SC12	3W	12V	5V .5A	.79	1.26	.39	19.17	17.97	17.37
618-OBQ12SC12	3W	12V	12V .25A	.79	1.26	.39	19.17	17.97	17.37
618-OBQ15SC12	3W	12V	15V .2A	.79	1.26	.39	19.17	17.97	17.37
618-OBR05SC05	6W	5V	5V 1A	1.14	1.81	.39	29.02	27.21	26.30
618-OBR12SC05	6W	5V	12V .5A	1.14	1.81	.39	29.02	27.21	26.30
618-OBR15SC05	6W	5V	15V .4A	1.14	1.81	.39	29.02	27.21	26.30
618-OBR05SC12	6W	12V	5V 1A	1.14	1.81	.39	29.02	27.21	26.30
618-OBR12SC12	6W	12V	12V .5A	1.14	1.81	.39	29.02	27.21	26.30
618-OBR15SC12	6W	12V	15V .4A	1.14	1.81	.39	29.02	27.21	26.30
618-OBS05SC12	10W	12V	5V 2A	1.81	1.54	.43	44.35	41.58	40.19
618-OBS12SC12	10W	12V	12V .9A	1.81	1.54	.43	44.35	41.58	40.19
618-OBS15SC12	10W	12V	15V .7A	1.81	1.54	.43	44.35	41.58	40.19

- 3 year warranty
- Output trimming, high efficiency
- Isolation voltage: 500V min.
- Wide range input
- Wide operating temperature range
- Small input current at no load
- Fixed switching frequency 170kHz
- Over-current-protection
- Cross to Cosel ZS & ZW Series



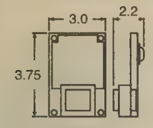
DC Input Multi Output

For quantities greater than listed, call for quote

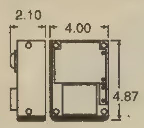
MOUSER STOCK NO.	Power	Input	Output	Dimensions (In.)			Price Each		
				W	L	H	1	5	10
618-OBQ22WC05	3W	5V	±12 .13A	.79	1.26	.39	21.36	20.03	19.36
618-OBQ23WC05	3W	5V	±15 .1A	.79	1.26	.39	21.36	20.03	19.36
618-OBQ22WC1224	3W	12V	±12 .13A	.79	1.26	.39	21.36	20.03	19.36
618-OBQ23WC1224	3W	12V	±15 .1A	.79	1.26	.39	21.36	20.03	19.36
618-OBR22WC05	6W	5V	±12 .25A	1.14	1.81	.39	30.93	29.00	28.03
618-OBR23WC05	6W	5V	±15 .2A	1.14	1.81	.39	30.93	29.00	28.03
618-OBR22WC12	6W	12V	±12 .25A	1.14	1.81	.39	30.93	29.00	28.03
618-OBR23WC12	6W	12V	±15 .2A	1.14	1.81	.39	30.93	29.00	28.03
618-OBS22WC12	10W	12V	±12 .45A	1.81	1.54	.43	45.98	43.11	41.67
618-OBS23WC12	10W	12V	±15 .35A	1.81	1.54	.43	45.98	43.11	41.67

INTERNATIONAL POWER DC POWER SUPPLIES

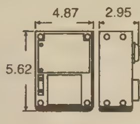
Linear DC Power Supplies



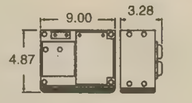
A Case



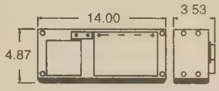
B Case



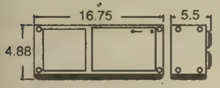
C Case



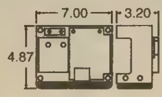
D Case



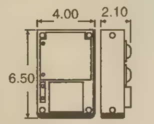
E Case



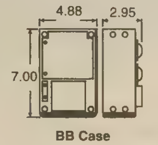
F Case



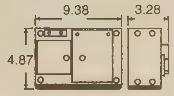
N Case



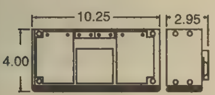
AA Case



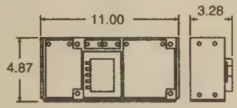
BB Case



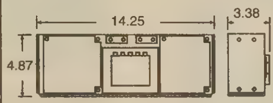
CC Case



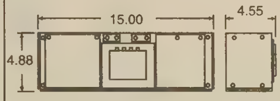
BAA Case



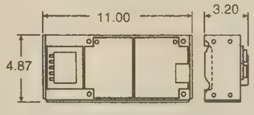
CBB Case



DBB Case



DCC Case



131 Case

LINEAR DC POWER SUPPLIES

Single Output Models

MOUSER STOCK NO.	Case Style	Output #1	Price Each	
			1	10
597-A5-1.2/P	A	5V @ 1.2A	28.28	27.30
597-A5-1.5/P	B	5V @ 1.5A	29.80	28.77
597-B5-3/P	B	5V @ 3A	34.50	32.77
597-C5-6/P	C	5V @ 6A	57.50	54.62
597-N5-9/P	N	5V @ 9A	78.50	74.59
597-D5-12/P	D	5V @ 12A	88.77	84.78
597-E5-18/P	E	5V @ 18A	125.95	119.65
597-F5-25/P	F	5V @ 25A	184.51	178.97
597-B12-1.7	B	12V @ 1.7A	34.50	32.77
597-C12-3.4	C	12V @ 3.4A	52.50	49.87
597-N12-5.1	N	12V @ 5.1A	73.50	69.82
597-D12-6.8	D	12V @ 6.8A	83.95	79.95
597-E12-10.2	E	12V @ 10.2A	115.50	109.73
597-A15-0.5	A	12V-15V @ 0.5A	28.28	27.30
597-A15-0.9	B	12V-15V @ 0.9A	29.70	28.67
597-B15-1.5	B	15V @ 1.5A	34.50	32.77
597-C15-3.0	C	15V @ 3A	52.50	49.87
597-N15-4.5	N	15V @ 4.5A	73.50	69.82
597-D15-6.0	D	15V @ 6A	83.95	79.75
597-E15-9.0	E	15V @ 9A	115.50	109.73
597-F15-15	F	12V@16A or 15V@15A	184.51	178.97
597-A24-0.5	B	24V @ 0.5A	29.70	28.67
597-B24-1.2	B	24V @ 1.2A	34.50	32.77
597-C24-2.4	C	24V @ 2.4A	52.50	49.87
597-N24-3.6	N	24V @ 3.6A	73.50	69.82
597-D24-4.8	D	24V @ 4.8A	83.95	79.75
597-E24-7.2	E	24V @ 7.2A	114.90	109.72
597-F24-12	F	24V@12A or 28V@10A	184.51	178.97
597-B28-1.0	B	28V @ 1.0A	34.50	32.77
597-C28-2.0	C	28V @ 2.0A	52.50	49.87
597-N28-3.0	N	28V @ 3.0A	73.50	69.82
597-D28-4.0	D	28V @ 4.0A	83.95	79.75
597-E28-6.0	E	28V @ 6.0A	115.50	109.73
597-B48-0.5	B	48V @ 0.5A	36.50	34.68
597-C48-1.0	C	48V @ 1.0A	57.50	54.62
597-D48-3.0	D	48V @ 3.0A	88.77	84.78
597-E48-4.0	E	48V @ 4.0A	125.95	119.65
597-B155-0.12	B	135-170V @ .12A	41.95	39.85
597-B200-0.12	B	175-210V @ .12A	41.95	39.85
597-B250-0.1	B	215-265V @ .1A	41.95	39.85

Specifications:
- AC input: 100/120/220/230-240VAC, +10%-13%, 47 to 63Hz
- Line regulation: ±0.05% for a +10% line change
- Load regulation: ±0.05% for a 50% load change
- Output ripple: 5.0mV max. peak-to-peak on 2-15V units 0.02% max. peak-to-peak on 24-250V units

Features:
- Meets CUR, TUV, CE safety requirements
- Over voltage protection on 5V outputs (set @ 6.2±0.4V)
- Chassis for ±15V (or less) are pre-drilled to accommodate 597-P12 and 597-P24 over voltage protection modules
- Two year warranty

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950

Over Voltage Protection Modules

MOUSER STOCK NO.	Price Each	
	1	10
597-P12	7.95	7.80
597-P24	14.95	14.66

Dual Output Models

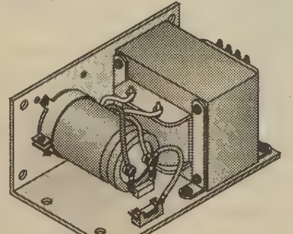
MOUSER STOCK NO.	Case Style	Output		Price Each	
		#1	#2	1	10
597-AA512	AA	5V @ 2A	12-15V @ 0.5A	52.50	49.88
597-BB512	BB	5V @ 3A	12-15V @ 1.5A	62.95	59.80
597-CC512	CC	5V @ 6A	12-15V @ 2.5A	99.50	94.53
597-AD12-0.4	B	12V @ 0.4A	-12V @ 0.4A	38.75	36.81
597-AD15-0.4	B	15V @ 0.4A	-15V @ 0.4A	38.75	36.80
597-AA15-0.8	AA	12V @ 1A or 15V @ 0.8A	-12V @ 1A or -15V @ 0.8A	45.00	42.75
597-BB15-1.5	BB	12V @ 1.7A or 15V @ 1.5A	-12V @ 1.7A or -15V @ 1.5A	57.50	54.62
597-CC15-3.0	CC	12V @ 3.4A or 15V @ 3.0A	-12V @ 3.4A or -15V @ 3.0A	91.91	87.87
597-DD15-5	E	12-15V @ 5A	-12-15V @ 5A	136.50	129.68
597-AA24-0.6	AA	18-20V @ 0.4A or 24V @ 0.6A	-18-20V @ 0.4A or -24V @ 0.6A	45.00	42.75
597-BB24-1.2	BB	18-20V @ 0.9A or 24V @ 1.2A	-18-20V @ 0.9A or -24V @ 0.6A	57.50	54.63
597-CC24-2.4	CC	18-20V @ 1.8A or 24V @ 2.4A	-18-20V @ 1.8A or -24V @ 2.4A	92.50	87.88

Triple Output Models

MOUSER STOCK NO.	Case Style	Output			Price Each	
		#1	#2	#3	1	10
597-TAA-16W	AA	5V @ 2A	12 to 15V @ 0.4A	-12 to -15V @ 0.4A or -5V @ 0.4A	57.75	54.86
597-BAA-40W	BAA	5V @ 3A	12V @ 1A or 15V @ 0.8A	-12V @ 1A or -15V @ 0.8A or -5V @ 0.4A	79.25	75.76
597-BCC512	CC	5V @ 3A	12V @ 3.4A or 15V @ 3A	-12V @ 3.4A or -15V @ 3A	122.25	119.70
597-BCC524	CC	5V @ 3A	18-20V @ 1.8A or 24V @ 2.4A	-18-20V @ 1.8A or -24V @ 2.4A	123.98	119.70
597-CAA-60W	D	5V @ 6A	12 to 15V @ 1A	-12 to -15V @ 1A or -5V @ 0.4A	94.50	89.77
597-CBB-75W	CBB	5V @ 6A	12V @ 1.7A or 15V @ 1.5A	-12V @ 1.7A or -15V @ 1.5A or -5V @ 0.7A	104.95	99.70
597-CP131	131	5V @ 8A	12V @ 1.7A or 15V @ 1.5A	-12V @ 1.7A or -15V @ 1.5A or -5V @ 0.7A	125.95	119.65
597-DBB-105W	DBB	5V @ 12A	12V @ 1.7A or 15V @ 1.5A	-12V @ 1.7A or -15V @ 1.5A or -5V @ 0.7A	141.50	134.43
597-DCC-150W	DCC	5V @ 12A	12V @ 3.4A or 15V @ 3A	-12V @ 3.4A or -15V @ 3A	162.50	154.38

UNREGULATED POWER SUPPLIES

The IP500U series unregulated power upply line is designed for high current pplications at low cost when full regulation is not required. This rugged, highly reliable power supply line is ideal for applications such as powering olenoids, relays, DC motors, lamps, nd DC-DC converters.



Specifications:
- AC input: 108/120/132/216/240/264VAC, 47 to 63Hz
- Output ripple: 3%RMS @ full rated load, 4% on 12 volt model
- Efficiency @ full load: 80% typical
- UL recognized for USA and Canada, file no. 133338
- CE & TUV

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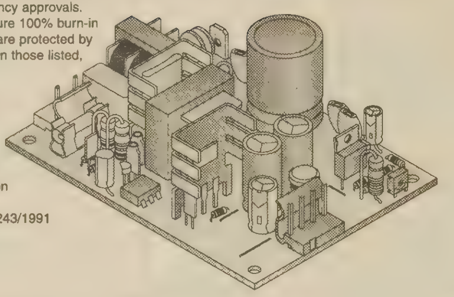
MOUSER STOCK NO.	Typical DC Output @ 120VAC Input				Price Each	
	No Load	Half Load	Full Load	Amps Full Load	1	10
597-IP500U24	29.2	26.8	24.6	20	160.79	155.25
597-IP500U36	42.8	38.2	36.1	13.3	187.05	180.60
597-IP500U48	56.6	52.8	48.8	10	160.79	155.25
597-IP500U75	85.5	78.2	74.8	6.6	187.05	180.60

PHIHONG

Power Supplies

These high efficiency universal input switching power supplies have UL, CSA, and VDE agency approvals. They carry a 1 year warranty and feature 100% burn-in for 24 hours. All power supply inputs are protected by an internal fuse. For outputs other than those listed, call (800) 346-6873 for a quote.

- Overcurrent protection: all outputs equipped with automatic recovery current limiting circuit
- Overvoltage protection: 5.6V to 6.5V on main output
- EMI requirements: meets conduction limits of FCC class B rules, VDE 0871 class B, and VGF 243/1991



PSA-10W SERIES SINGLE OUTPUT

- AC input voltage: 85-264VAC
- AC frequency: 47-440Hz
- Efficiency: 70% @ 10W 120VAC, 60Hz
- Length: 4.1"
- Width: 1.97"
- Height: 0.8"

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Regulation		Price Each		
		Min.	Max.		Line	Load	1	25	100
552-PSA-10L-050	5V	0.0A	2.0A	80mV	20mV	40mV	17.84	16.73	16.17
552-PSA-10L-120	12V	0.0A	0.9A	120mV	48mV	100mV	17.84	16.73	16.17
552-PSA-10L-150	15V	0.0A	0.7A	150mV	60mV	120mV	17.84	16.73	16.17
552-PSA-10L-240	24V	0.0A	0.5A	240mV	96mV	150mV	17.84	16.73	16.17

PSA-25W SERIES

- AC input voltage: 90-260VAC
- AC frequency: 47-63Hz
- Efficiency: 70% typical at full load
- Length: 4.0"
- Width: 3.0"
- Height: 1.3"

0805 IEC 950(74711)
1950 (E134610)
22.2 234 (LR56927-100)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
Single Output									
552-PSA-25-105	V1	+5V	0.0A	5.0A	50mV	±2%	26.96	25.28	24.43
552-PSA-25-112	V1	+12V	0.0A	2.0A	120mV	±2%	26.96	25.28	24.43
552-PSA-25-115	V1	+15V	0.0A	1.6A	150mV	±2%	26.96	25.28	24.43
552-PSA-25-124	V1	+24V	0.0A	1.1A	240mV	±2%	26.96	25.28	24.43
Multiple Output									
552-PSA-25-301	V1	+5.1V	0.3A	2.0A	50mV	±2%	30.00	28.13	27.19
	V2	+12V	0.1A	1.0A	120mV	±5%			
	V3	-12V	0.0A	0.3A	120mV	±5%			

PSA-25L COMPACT OPEN FRAME SERIES

- AC input voltage: 85VAC-264VAC
- AC frequency: 47 to 440Hz
- Efficiency: 70% @ 25W 120VAC, 60Hz
- Operates with 2 or 3 wire AC
- Length: 3.6"
- Width: 2.48"
- Height: 1.14"

TUV EN60950
1950
22.2 950-95

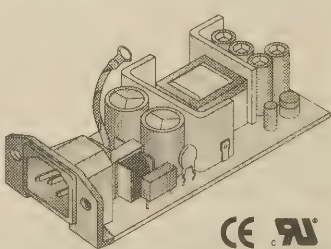
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Output Voltage		Load		Regualtion		Price Each		
			Min.	Max.	Line	Load	1	25	100
Single Output									
552-PSA-25L-050	V1	+5V	0.0A	4.0A	±0.5%	±2%	19.68	18.45	17.84
552-PSA-25L-120	V1	+12V	0.0A	2.0A	±0.5%	±2%	19.68	18.45	17.84
552-PSA-25L-150	V1	+15V	0.0A	1.7A	±0.5%	±2%	19.68	18.45	17.84
552-PSA-25L-240	V1	+24V	0.0A	1.0A	±0.5%	±2%	20.80	19.50	18.85
Multiple Output									
552-PSA-25L-201	V1	+5V	0.2A	2.6A(3Apk)	±2%	±2%	20.80	19.50	18.85
	V2	+12V	0.0A	1.0A(1.5pk)	±2%	±2%			
552-PSA-25L-202	V1	+5V	0.2A	2.6A(3Apk)	±2%	±2%	20.80	19.50	18.85
	V2	+24V	0.0A	0.5A(1.0pk)	±2%	±2%			

PSA-25LS COMPACT OEM OPEN FRAME SERIES

NEW IN 2001

- AC input voltage: 85 to 270 VAC
- AC input frequency: 47 to 63Hz
- Efficiency: 70% typical
- AC input connector: EN 60320/14
- DC output connector: Molex 09-65-2048
- Length: 5"
- Width: 2"



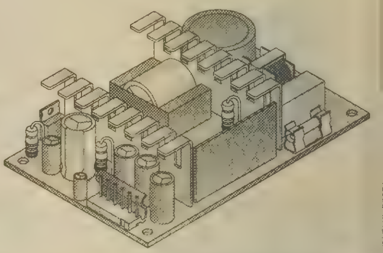
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Regulation		Price Each		
		Min.	Max.		Line	Load	1	25	100
552-PSA-25LS-033	3.3V	0A	5A	50mV	±1%	±2%	19.95	18.50	15.75
552-PSA-25LS-050	5.0V	0A	5A	50mV	±1%	±2%	23.40	21.50	19.65

PSS-40W MINI FOOTPRINT OPEN FRAME SWITCHERS

- AC input voltage: 90 to 264 VAC
- AC input frequency: 47 to 63Hz
- Efficiency: 70% typical
- AC mating connector: Molex 09-50-3031
- DC mating connector: Molex 09-50-3061
- Length: 4.25"
- Width: 2.5"
- Height: 1.25"

NEW IN 2001



For quantities greater than listed, call for quot

MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Regulation (L-L)	Price Each		
		Min.	Peak			1	25	100
552-PSS-40-050	+5V	8.0A	10.0A	50mV	+3%	34.75	32.00	26.75
552-PSS-40-120	+12V	3.3A	4.5A	120mV	+3%	34.75	32.00	26.75
552-PSS-40-240	+24V	1.6A	2.5A	240mV	+3%	37.60	34.65	29.30
552-PSS-40-201	+5V	4.0A	5.0A	50mV	+3%	37.60	34.65	29.30
	+12V	2.0A	3.0A	120mV	+5%			
552-PSS-40-301	+5V	4.0A	5.0A	50mV	+3%	39.25	36.20	30.75
	+12V	2.0A	3.0A	120mV	+5%			
	-12V	0.2A	1.0A	120mV	+5%			
552-PSS-40-304	+5V	4.0A	5.0A	50mV	+3%	39.25	36.20	30.75
	+15V	1.6A	2.0A	150mV	+5%			
	-15V	0.2A	1.0A	150mV	+5%			

PSA-45W SERIES

- AC input voltage: 90-264VAC
- AC frequency: 47-63Hz
- Efficiency: 70% @ 45W 120VAC, 60Hz
- Length: 5.0"
- Width: 3.0"
- Height: 1.2"

950
1950
22.2 234

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max.			1	25	100
Single Output									
552-PSA-45-050	V1	+5V	0.0A	8A	50mV	±2%	32.80	30.75	29.73
552-PSA-45-120	V1	+12V	0.0A	4A	120mV	±2%	32.80	30.75	29.73
552-PSA-45-150	V1	+15V	0.0A	3A	150mV	±2%	32.80	30.75	29.73
552-PSA-45-240	V1	+24V	0.0A	2A	240mV	±2%	32.80	30.75	29.73
Multiple Output									
552-PSA-4531	V1	+5V	0.0A	4A	50mV	±2%	33.60	31.50	30.45
	V2	+12V	0.0A	1.5A	120mV	±5%			
	V3	-12V	0.0A	0.5A	120mV	±5%			
552-PSA-4534	V1	+5V	0.0A	4A	50mV	±2%	33.60	31.50	30.45
	V2	+15V	0.0A	1.2A	150mV	±5%			
	V3	-15V	0.0A	0.5A	150mV	±5%			
552-PSA-4541	V1	+5V	0.0A	3A	50mV	±2%	34.40	32.25	31.18
	V2	+12V	0.0A	2A	120mV	±5%			
	V3	-12V	0.0A	0.5A	120mV	±5%			
	V4	±5V	0.0A	0.5A	50mV	±5%			

PSA-50W TRIPLE OUTPUT

- AC input voltage: 90VAC-264VAC
- AC frequency: 47 to 63Hz
- Efficiency: 70% typical @ full load
- Includes seperate fan connector
- Combined output not to exceed total power rating
- Length: 5.0"
- Width: 3.0"
- Height: 1.28"

1950
22.2 234
IEC950 (EN60950)

MOUSER STOCK NO.	Output Voltage		Load		Regualtion		Price Each		
			Min.	*Max.	Line	Load	1	25	100
Multiple Output									
552-PSA-50-301	V1	+5.1V	1.0A	8.0A	±1%	±2%	32.08	30.08	29.07
	V2	+12V	0.0A	1.5A	±2%	±5%			
	V3	-12V	0.0A	0.5A	±2%	±5%			

PSA-60W SERIES

- AC input voltage: 90-260VAC
- AC frequency: 47-63Hz
- Efficiency: 70% typical at full load
- Length: 5.0"
- Width: 3.0"
- Height: 1.58"

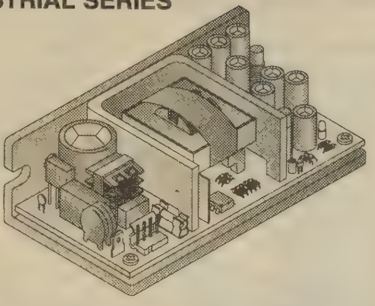
0805 (IEC 950)
1950
22.2 950

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	Max			1	25	100
Single Output									
552-PSA-60-105	V1	+5V	0 0A	10A	50mV	±2%	34.80	32.63	31.54
552-PSA-60-112	V1	+12V	0.0A	5.0A	120mV	±2%	34.80	32.63	31.54
552-PSA-60-115	V1	+15V	0.0A	4.0A	240mV	±2%	34.80	32.63	31.54
552-PSA-60-124	V1	+24V	0.0A	2.5A	150mV	±2%	34.80	32.63	31.54
552-PSA-60-148	V1	+48V	0.0A	1.2A	480mV	±2%	34.80	32.63	31.54
Multiple Output									
552-PSA-60-202	V1	+5.1V	1.0A	6.0A	50mV	±2%	37.76	35.40	34.22
	V2	+24V	0.1A	1.3A	240mV	±5%			
552-PSA-60-301	V1	+5.1V	1.0A	6.0A	50mV	±2%	37.76	35.40	34.22
	V2	+12V	0.3A	2.2A	120mV	±5%			
	V3	-12V	0.0A	0 3A	120mV	±5%			

PHIHONG

Power Supplies and Adapters

110W UNIVERSAL INDUSTRIAL SERIES



Specifications:
- AC input voltage: 90-260VAC
- AC frequency: 47-63Hz
- Efficiency: 70% typical at full load
- Length: 6.8"
- Width: 3.7"
- Height: 1.7"

EN 60950
IEC 950)

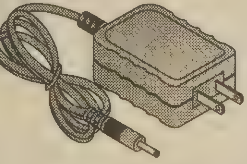
1950
(E127643)

22.2 234,
(LR56927-115)

MOUSER STOCK NO.	Output Voltage		Load		Ripple P-P	Total Tolerance	Price Each		
			Min.	30cfm			1	25	100
Single Output									
552-PSA-110-105	V1	+5V	1A	22A	50mV	±2%	**72.00**	**67.50**	**65.25**
552-PSA-110-112	V1	+12V	0A	9A	120mV	±2%	**72.00**	**67.50**	**65.25**
552-PSA-110-124	V1	+24V	0A	4.5A	240mV	±2%	**72.00**	**67.50**	**65.25**
Quad Output									
552-PSA-110-401	V1	+5V	2A	9A	50mV	±2%	**76.80**	**72.00**	**69.60**
	V2	+12V	1A	3.5A	100mV	±6%			
	V3	-5V	0A	.75A	100mV	±6%			
	V4	-12V	0A	.75A	100mV	±6%			

5W SLIM PROFILE ADAPTER

Zero minimum load
Slim 1" height
Fits multiple plug strip
AC input voltage: 90VAC - 264VAC
AC frequency: 47-63Hz
Output connector: center positive
2.1mm x 5.5mm DC plug
Length: 2.24"
Width: 1.75"
Height: .98"



E127643

LR56927

For quantities greater than listed, call for quote.

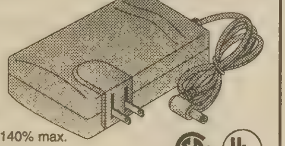
MOUSER STOCK NO.	DC Output Voltage	Load		Ripple P-P	Regulation		Price Each		
		Min.	Max.		Line	Load	1	25	100
552-PSA-05A-050	5V	0A	1.0A	100mV	±2%	±5%	**16.66**	**15.62**	**15.09**

0W FLIP PLUG SERIES

3-position folding plug
Plug retract in case
Splash guard case
Double insulated
Fits strips or flat
Power on LED

- UL 1950, Class 2
- CSA 22.2 M950

NEW IN 2001



AC input voltage: 90 to 264 VAC
AC input frequency: 47 to 63Hz
AC input current: 0.4Arms (120VAC)
Efficiency: 70% typical

- Overvoltage protection: >120-140% max.
- Operating temperature: -0 to +40°C
- DC output connector: 2.1mm x 5.5mm coaxial plug
- Leakage current: < 0.25mA (240VAC)

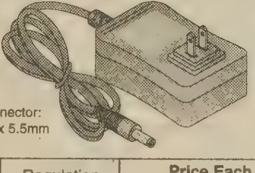
MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Regulation (L-L)	Price Each		
		Min.	Max.			1	25	100
552-PSA-10A-050	5.0V	0A	2.0A	50mV	±2% / ±5%	**19.95**	**18.50**	**15.75**
552-PSA-10A-090	9.0V	0A	1.1A	90mV	±2% / ±3%	**19.95**	**18.50**	**15.75**
552-PSA-10A-120	12V	0A	0.83A	120mV	±2% / ±3%	**19.95**	**18.50**	**15.75**
552-PSA-10A-150	15V	0A	0.67A	150mV	±2% / ±3%	**19.95**	**18.50**	**15.75**
552-PSA-10A-240	24V	0A	0.42A	240mV	±2% / ±3%	**19.95**	**18.50**	**15.75**

0W INTERCHANGEABLE PLUG SERIES

Double insulated
Class B EMI
Field changeable AC plugs (sold separately)
Power on LED
For use in portable equipment, peripherals, wireless communications, and networking
AC input voltage: 90 to 264 VAC
AC input frequency: 47 to 63Hz
Efficiency: 65% min.

- DC output cord/connector: 1.8 meter / 2.1mm x 5.5mm coaxial plug

NEW IN 2001



MOUSER STOCK NO.	DC Output Voltage	Load (Amps)		Regulation (L-L)	Price Each		
		Min.	Max.		1	25	100
552-PSA-10R-033	3.3	0	2	±1% / ±2%	**19.20**	**18.00**	**17.40**
552-PSA-10R-050	5	0	2	±1% / ±2%	**19.20**	**18.00**	**17.40**
552-PSA-10R-090	9	0	1.1	±1% / ±2%	**19.20**	**18.00**	**17.40**
552-PSA-10R-120	12	0	0.8	±1% / ±2%	**19.20**	**18.00**	**17.40**
552-PSA-10R-150	15	0	0.67	±1% / ±2%	**19.20**	**18.00**	**17.40**
552-PSA-10R-240	24	0	0.56	±1% / ±2%	**19.20**	**18.00**	**17.40**

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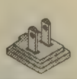

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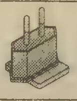

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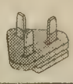

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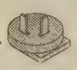


MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	25	100
52-RPA	A	USA plug	.56	.53	.51
52-RPE	B	EUR plug	.64	.60	.58
52-RPK	C	UK plug	1.04	.98	.94
52-RPS	D	AUST plug	.80	.75	.73

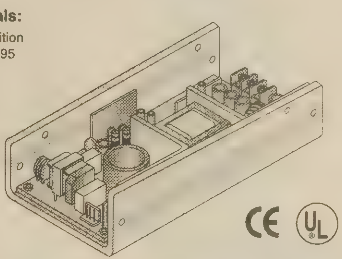
150W PFC LOW PROFILE SINGLE AND DUAL OUTPUTS

Features:
- 2nd generation design
- Dedicated fan output
- Through channel air flow

Safety Approvals:
- UL 1950, 3rd Edition
- CSA 22.2 950-M95
- TUV EN60950

Specifications:
- AC input voltage: 90 to 264 VAC
- AC input frequency: 47 to 63Hz
- Efficiency: 75% typical
- AC input mating connector: Molex 09-50-3051
- DC output mating connector: terminal strip, M4 screw
- Fan mating connector: Molex 09-50-3041

NEW IN 2001



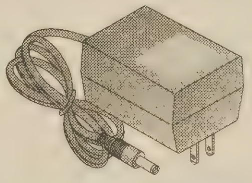
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Max. Power		Price Each		
		Min.	Conv.		Conv.	30CFM	1	25	100
552-PSF-151-033	3.3V	0A	20A	50mV	66W	99W	**125.00**	**115.00**	**108.75**
552-PSF-151-050	5V	0A	20A	50mV	100W	150W	**125.00**	**115.00**	**108.75**
552-PSF-151-120	12V	0A	8.2A	120mV	100W	150W	**125.00**	**115.00**	**108.75**
552-PSF-151-150	15V	0A	6.6A	125mV	100W	150W	**125.00**	**115.00**	**108.75**
552-PSF-151-240	24V	0A	4A	240mV	100W	150W	**125.00**	**115.00**	**108.75**
552-PSF-151-480	48V	0A	2A	480mV	100W	150W	**125.00**	**115.00**	**108.75**
552-PSF-151-201	5V	2A	20A	50mV	100W	150W	**138.00**	**127.00**	**120.35**
	12V	0A	4.6A	120mV	100W	150W			
552-PSF-151-203	5V	2A	20A	50mV	100W	150W	**138.00**	**127.00**	**120.35**
	3.3V	0A	6.6A	50mV	100W	150W			
552-PSF-151-211	3.3V	2A	20A	50mV	100W	150W	**138.00**	**127.00**	**120.35**
	12V	0A	4.6A	120mV	100W	150W			
552-PSF-151-213	3.3V	2A	20A	50mV	100W	150W	**138.00**	**127.00**	**120.35**
	5V	0A	6.6A	50mV	100W	150W			
Fan (All Models)	12V	0A	0.5A	120mV	6W	12W	-	-	-

15W WALL PLUG-IN ADAPTERS

Safety Approvals:
- UL 1950
- CSA 22.2 234

NEW IN 2001



Features:
- Short circuit protected
- For use in palm computers, peripherals, modems, and portable intruments

Specifications:
- Dimensions: 2.92" x 1.94" x 1.35"
- AC input voltage: 90 to 132 VAC
- AC input frequency: 57 to 63Hz
- Efficiency: 70% typical
- AC input connector: NEMA 15P
- DC output connector: 2.1mm x 5.5mm coaxial plug, center positive

MOUSER STOCK NO.	DC Output Voltage	Load (Amps)		Regulation (L-L)	Price Each		
		Min.	Max.		1	25	100
552-PSC-15A-050S	5	0	3	±5%	12.95	11.95	10.51
552-PSC-15A-090S	9	0	3	±5%	12.95	11.95	10.51
552-PSC-15A-120S	12	0	1.6	±5%	12.95	11.95	10.51
552-PSC-15A-150S	15	0	1.25	±5%	12.95	11.95	10.51
552-PSC-15A-240S	24	0	1	±5%	12.95	11.95	10.51

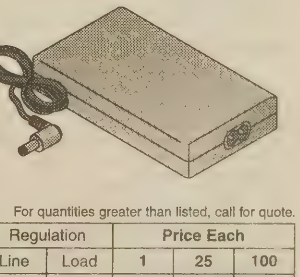
15W LOW PROFILE SINGLE OUTPUT ADAPTERS

Specifications:
- AC input voltage: 90VAC-264VAC
- AC frequency: 47Hz-63Hz
- AC connector: IEC 320/7
- Length: 4.33", width: 2.56", height: 1.0"
- Leakage current: <250µA
- DC connector: 2.1mm (ID); 5.5mm (OD) coaxial center positive
- Overcurrent protection: short circuit, auto restart
- Double insulated

1950

22.2 234

950 EN60950



For quantities greater than listed, call for quote.

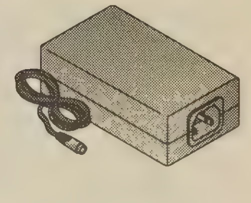
MOUSER STOCK NO.	Output Voltage	Load		Regulation		Price Each		
		Min.	Max.	Line	Load	1	25	100
552-PSA-15W-050	5V	0A	2.5A	2%	5%	**20.72**	**19.43**	**18.78**
552-PSA-15W-120	12V	0A	1.25A	1%	5%	**20.72**	**19.43**	**18.78**
552-PSA-15W-150	15V	0A	1A	1%	5%	**20.72**	**19.43**	**18.78**
552-PSA-15W-180	18V	0A	0.8A	1%	5%	**20.72**	**19.43**	**18.78**
552-PSA-15W-240	24V	0A	.625A	1%	5%	**20.72**	**19.43**	**18.78**

Power Supplies and Adapters

PHIHONG

15W DUAL OUTPUT ADAPTER

- Efficiency: 70% @ 15W 120VAC, 60Hz
- Overvoltage protection: >120%
- Overcurrent protection: >110%, auto restart
- DC connector: 5 pin mini-DIN
- Length: 4.4", width: 2.36", height: 1.47"
- AC input voltage: 90VAC-264VAC
- AC frequency: 47Hz-63Hz
- AC connector: IEC 320/13



MOUSER STOCK NO.	Output Voltage	Load		Regulation		Price Each		
		Min.	Max.	Line	Load	1	25	100
552-PSA-15-201	5.1V	0.4A	1.A	±1%	±5%	31.92	29.93	28.93
	12V	0.05A	0.75A	±1%	-5,+8%			

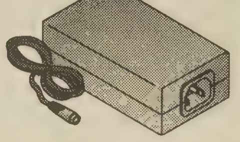
17W TRIPLE OUTPUT ADAPTER

- Leakage current: <250µA
- DC connector: 8 pin mini-DIN
- Length: 5.5", width: 2.36", height: 1.53"
- Overcurrent protection: short circuit, auto restart
- AC input voltage: 90VAC-264VAC
- AC frequency: 47Hz-63Hz
- AC connector: IEC 320/13

1950

22.2 234

IEC 950



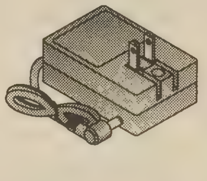
MOUSER STOCK NO.	Output Voltage	Load		Regulation		Price Each		
		Min.	Max.	Line	Load	1	25	100
552-PSA-30U-301A	+5.1V	0.3A	1.0A	±1%	±5%	35.20	33.00	31.90
	+12V	0.2A	0.7A	±1%	±5%			
	-12V	0.1A	0.2A	±1%	±10%			

18W PLUG-IN ADAPTER SERIES

- AC input voltage: 90VAC-132VAC
- AC frequency: 47Hz-63Hz
- Efficiency: 70-75% typical @ full load
- Output plug: center positive 2.1 x 5.5mm DC plug
- Double insulated

- Length: 3.46"
- Width: 2.28"
- Height: 1.1"

NTRL/C
22.2 223 Class II
UL1310
Class II



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Regulation		Price Each		
		Min.	Max.		Line	Load	1	25	100
552-PSA-18-050	+5.1VDC	0A	2.5A	50mV	±1%	±5%	22.40	21.00	20.30
552-PSA-18-120	+12VDC	0A	1.5A	120mV	±1%	±5%	22.40	21.00	20.30

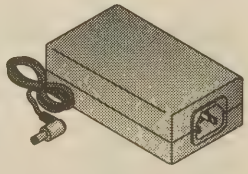
30W SINGLE OUTPUT ADAPTERS

- AC input voltage: 90VAC-264VAC
- AC frequency: 47Hz-63Hz
- AC connector: IEC 320/13
- Efficiency: 75% typical, full load
- Overvoltage protection: 150% max., non-latching
- Overcurrent protection: short circuit protected
- DC connector: center positive 2.1 x 5.5mm DC plug
- Length: 4.41", width: 2.36", height: 1.42"

EN60950

1950

22.2 234



MOUSER STOCK NO.	Output Voltage	Load		Regulation	Price Each		
		Min.	Max.		1	25	100
552-PSA-30U-050	5V	0A	4.0A	±5%	33.76	31.65	30.60
552-PSA-30U-090	9V	0A	2.2A	±5%	33.76	31.65	30.60
552-PSA-30U-120	12V	0A	2.5A	±5%	33.76	31.65	30.60
552-PSA-30U-150	15V	0A	2.0A	±5%	33.76	31.65	30.60
552-PSA-30U-180	18V	0A	1.6A	±5%	33.76	31.65	30.60
552-PSA-30U-240	24V	0A	1.25A	±5%	33.76	31.65	30.60

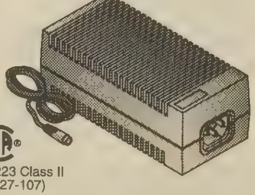
40W TRIPLE OUTPUT ADAPTERS

- AC input voltage: 90VAC ~ 264VAC
- AC input frequency: 47Hz ~ 63Hz
- AC connector: IEC 320/13
- Efficiency: 70% min. @ max. load
- Overvoltage protection: 5.6VDC~6.8VDC (+5 only)
- Overcurrent proteciton: output equipped w/short circuit protection
- EMI requirements FCC: Class B rules, VDE 0871 Class B rules
- DC connector: 5 pin DIN, 180°
- Length: 6.54"; width: 3.15"; height: 2.23"

EN60950
(IEC 950)

1950
(E134610)

22.2 Std. 223 Class II
(LR56927-107)



MOUSER STOCK NO.	Output Voltage	Load		Regulation		Price Each		
		Min.	Max.	Line	Load	1	25	100
552-PSA-46-301	+5	0.5A	3A	±2%	±5%	42.50	39.68	38.35
	+12V	0.5A	2A	±2%	±5%			
	-12V	0A	0.3A	±2%	±5%			

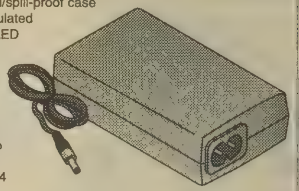
45W TWO-WIRE UNIVERSAL INPUT ADAPTERS

Specifications:

- Length: 4.13"; width: 2.36"; height: 1.18"
- Leakage current: <0.25mA (240VAC)
- DC output connector: 2.1mm; 5.5mm coaxial plug; center positive
- Overcurrent protection: >120%, auto restart
- Operation temperature (convection): -0°C to 40°C
- Storage temperature: -20°C to +80°C
- AC input voltage: 90VAC ~ 264VAC
- AC input frequency: 47Hz ~ 63Hz
- AC input current: 1.0Arms (120VAC), 0.33Arms (240VAC)
- Efficiency: 85% typical

Features:

- Non-vented/spill-proof case
- Double insulated
- Power on LED



1950

22.2 234

MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Regulation (L-L)	Price Each		
		Min.	Max.			1	25	100
552-PSS-45W-090	9V	0A	5.0A	90mV	±5%	37.60	35.25	34.0
552-PSS-45W-120	12V	0A	3.8A	120mV	±5%	37.60	35.25	34.0
552-PSS-45W-150	15V	0A	3.4A	150mV	±5%	37.60	35.25	34.0
552-PSS-45W-180	18V	0A	2.8A	180mV	±5%	37.60	35.25	34.0
552-PSS-45W-240	24V	0A	2.1A	240mV	±5%	37.60	35.25	34.0

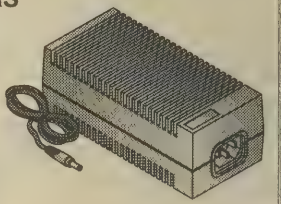
50W SINGLE OUTPUT ADAPTERS

- AC input voltage: 90VAC-264VAC
- AC frequency: 47Hz-63Hz
- AC connector: IEC 320/13
- Efficiency 70% min. @ max. load
- Overvoltage protection: @ 110-130% of rated voltage
- Overcurrent protection: output equipped w/short circuit protection
- EMI requirements FCC: class B rules, VDE 0871 class B rules
- DC connector: center positive 2.1 x 5.5mm DC plug
- Length: 6.54", width: 3.15", height: 2.23"

EN60950
(IEC 950)

1950

22.2 223



For quantities greater than listed, call for quo

MOUSER STOCK NO.	Output Voltage	Load		Total Tolerance	Price Each		
		Min.	Max.		1	25	10
552-PSA-124	12V	0.1A	4.2A	±0.5VDC	40.10	37.50	36.2
552-PSA-153	15V	0.1A	3.6A	±0.5VDC	40.10	37.50	36.2
552-PSA-242	24V	0.1A	2.2A	±0.5VDC	40.10	37.50	36.2

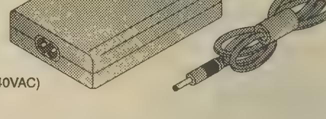
PSA-60W MINI ADAPTER SERIES

Features:

- Compact mini size
- Double insulated
- Non-vented/spill-proof case
- Power On LED

Safety Approvals:

- UL 1950
- CSA 22.2 950 (cUL)
- TUV EN60950



Specifications:

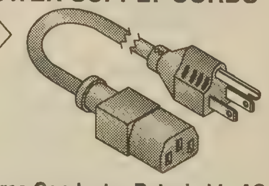
- AC input voltage: 90 to 264 VAC
- AC input frequency: 47 to 63Hz
- AC input current: 1.5Arms (120VAC); 0.75Arms (240VAC)
- Efficiency: 80% typical
- Overvoltage protection: >120%
- Overcurrent protection: >120%, auto restart
- Operating temperature: -0 to +35°C
- AC input connector: EN60320/C8 (2-wire) mates with C7 plug
- DC output connector: 2.1mm x 5mm coaxial plug

NEW IN 2001

MOUSER STOCK NO.	Output Voltage	Load		Ripple P-P	Regulation (L-L)	Price Each		
		Min.	Max.			1	25	100
552-PSA-60W-120	12V	0A	4.16A	120mV	+4%	36.95	33.95	31.9
552-PSA-60W-180	18V	0A	3.33A	180mV	+4%	36.95	33.95	31.9
552-PSA-60W-190	19V	0A	3.16A	190mV	+4%	36.95	33.95	31.9
552-PSA-60W-240	24V	0A	2.50A	240mV	+4%	36.95	33.95	31.9

POWER SUPPLY CORDS

A



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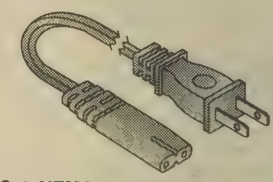


Three Conductor Detachable AC Cord Set, NEMA 5-15P Plug

- Type: SVT
- Rating: 10A@125V

MOUSER STOCK NO.	Fig.	Replaces Belden#	Size	Length	Color	Price Each			
						1	10	100	500
173-63101	A	17250	18/3	7'6"	Black	3.98	3.34	2.99	2.7
173-63102	A	- - - -	18/3	8'	Black	4.16	3.45	3.14	2.8
173-63121	A	17250	18/3	7'6"	Gray	3.98	3.34	2.99	2.7

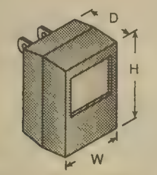
Laptop / Power Supply Cord

Designed for use with the Phihong PSA-15W Series table top power supplies. Can be used with many laptop power supplies.

- Type: VFF

MOUSER STOCK NO.	Fig.	Size	Length	Color	Price Each			
					1	10	100	500
173-21101	B	.75mm²/2	6'	Black	3.65	3.20	2.75	2.50

AC Adapters and Transformers



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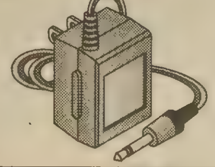
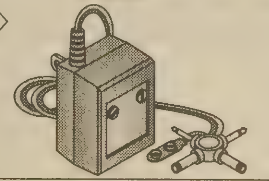


Male Plug Illustrated

B



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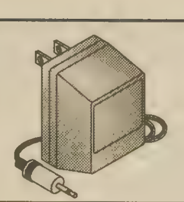

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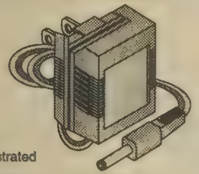
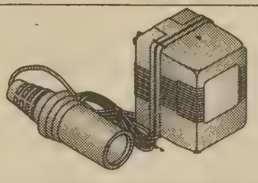


Female Plug Illustrated

E



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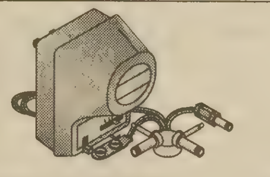

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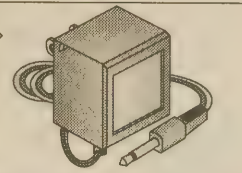

HiQ MAGNETICS

AC ADAPTERS

eatures:

Current ratings to 1.5A
All DC connectors are positive (+) center pin except universals which are selectable

- Plugs into standard 115V outlet
- 72" output cord with molded termination
- Unregulated

C to DC (Standard)

✻ 110/220VAC Input

MOUSER STOCK NO.	Fig.	Output Rating (mA)	Dimensions (In.)			Output Connector	Price Each		
			H	W	D		1	10	50
41AC106	A	6VDC/100mA	2.20	1.75	1.45	3.5mm phone plug	3.99	3.33	3.03
41AC115	A	6VDC/200mA	2.37	2.00	1.70	3.5mm phone plug	3.99	3.33	3.03
41AC109	A	9VDC/100mA	2.20	1.75	1.45	3.5mm phone plug	3.99	3.33	3.03
41AC114	A	9VDC/200mA	2.37	2.00	1.70	3.5mm phone plug	4.49	3.75	3.41
41AC119	A	12VDC/100mA	2.20	1.75	1.45	Stripped and tinned	4.49	3.75	3.41
41AC118	A	12VDC/100mA	2.20	1.75	1.45	2.1 x 5mm DC pwr plug	4.49	3.75	3.41
41AC112	A	12VDC/100mA	2.20	1.75	1.45	2.5mm phone plug	4.49	3.75	3.41
41AC117	A	12VDC/100mA	2.20	1.75	1.45	3.5mm phone plug	4.49	3.75	3.41
41AC113	A	12VDC/200mA	2.37	2.00	1.70	2.5mm phone plug	4.49	3.75	3.41
41AC116	B	Universal 3, 4.5,6,9, and 12VDC/300mA	2.30	2.00	1.70	5 way: 2.5mm 3.5mm phone plug, 2.1mm x 5.0mm, 2.5 x 5.5mm female 9VDC batt. snap	6.29	5.19	4.75

C to AC

MOUSER STOCK NO.	Fig.	Output Rating (mA)	Dimensions (In.)			Output Connector	Price Each		
			H	W	D		1	10	50
1AC415	C	15VAC/400mA	2.76	4.97	1.57	2.5mm phone plug	5.49	4.39	3.73

C to DC (UL and CSA Approved)

c UL us LISTED

MOUSER STOCK NO.	Fig.	Output Rating (mA)	Dimensions (In.)			Output Connector	Price Each		
			H	W	D		1	10	50
412-106011	D	6VDC/100mA	2.3	1.70	1.65	3.5mm phone plug	4.25	3.75	3.29
412-106021	D	6VDC/200mA	2.3	1.70	1.65	3.5mm phone plug	4.25	3.75	3.29
412-106054	D	6VDC/500mA	2.3	1.70	1.65	2.1 x 5.5mmDC pwr plug	4.25	3.75	3.29
412-106051	D	6VDC/500mA	2.3	1.70	1.65	3.5mm phone plug	4.25	3.75	3.29
412-106084	D	6VDC/800mA	2.6	1.93	1.73	2.1 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-106104	D	6VDC/1A	2.6	1.93	1.73	2.1 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-109011	D	9VDC/100mA	2.3	1.70	1.65	3.5mm phone plug	4.25	3.75	3.29
412-109024	D	9VDC/200mA	2.3	1.70	1.65	2.1 x 5.5mm DC pwr plug	4.25	3.75	3.29
412-109021	D	9VDC/200mA	2.3	1.70	1.65	3.5mm phone plug	4.25	3.75	3.29
412-109034	D	9VDC/300mA	2.3	1.70	1.65	2.1 x 5.5mm DC pwr plug	4.25	3.75	3.29
412-109033	D	9VDC/300mA	2.3	1.70	1.65	2.5 x 5.5mm DC pwr plug	4.25	3.78	3.29
412-109044	D	9VDC/400mA	2.6	1.93	1.73	2.1 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-109054	D	9VDC/500mA	2.6	1.93	1.73	2.1 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-109051	D	9VDC/500mA	2.6	1.93	1.73	3.5mm phone plug	5.49	4.75	4.25
412-109063	D	9VDC/600mA	2.6	1.93	1.73	2.5 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-109104	D	9VDC/1A	2.5	2.24	1.97	2.1 x 5.5mm DC pwr plug	8.69	7.75	6.85
412-109101	D	9VDC/1A	2.5	2.24	1.97	3.5mm phone plug	8.69	7.75	6.85

AC to DC (UL and CSA Approved) (cont.)

c UL us LISTED

† UL, only

MOUSER STOCK NO.	Fig.	Output Rating (mA)	Dimensions (In.)			Output Connector	Price Each		
			H	W	D		1	10	50
412-109124	D	9VDC/1.2A	2.5	2.24	1.97	2.1 x 5.5mm DC pwr plug	8.69	7.75	6.85
412-112010	D	12VDC/100mA	2.3	1.70	1.65	Stripped and tinned	4.29	3.75	3.29
412-112014	D	12VDC/100mA	2.3	1.70	1.65	2.1 x 5.5mm DC pwr plug	4.25	3.75	3.29
412-112013	D	12VDC/100mA	2.3	1.70	1.65	2.5 x 5.5mm DC pwr plug	4.25	3.75	3.29
412-112012	D	12VDC/100mA	2.3	1.70	1.65	2.5mm phone plug	4.25	3.75	3.29
412-112011	D	12VDC/100mA	2.3	1.70	1.65	3.5mm phone plug	4.25	3.75	3.29
412-112024	D	12VDC/200mA	2.3	1.70	1.65	2.1 x 5.5mm DC pwr plug	4.25	3.75	3.29
412-112023	D	12VDC/200mA	2.3	1.70	1.65	2.5 x 5.5mm DC pwr plug	4.25	3.75	3.29
412-112022	D	12VDC/200mA	2.3	1.70	1.65	2.5mm phone plug	4.25	3.75	3.29
412-112021	D	12VDC/200mA	2.3	1.70	1.65	3.5mm phone plug	4.25	3.75	3.29
412-112034	D	12VDC/300mA	2.6	1.93	1.73	2.1 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-112044	D	12VDC/400mA	2.6	1.93	1.73	2.1 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-112054	D	12VDC/500mA	2.6	1.93	1.73	2.1 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-112053	D	12VDC/500mA	2.6	1.93	1.73	2.5 x 5.5mm DC pwr plug	5.49	4.75	4.25
412-112051	D	12VDC/500mA	2.6	1.93	1.73	3.5mm phone plug	5.49	4.75	4.25
412-112055	D	12VDC/500mA	2.6	1.93	1.73	1.3 x 3.5mm DC pwr plug	5.49	4.75	4.25
412-112059	E	12VDC/500mA	2.5	2.09	1.67	Lighter socket	7.59	6.60	6.00
412-112084	D	12VDC/800mA	2.5	2.24	1.97	2.1 x 5.5mm DC pwr plug	8.69	7.75	6.85
412-112081	D	12VDC/800mA	2.5	2.24	1.97	3.5mm phone plug	8.69	7.75	6.85
412-112104	D	12VDC/1A	2.5	2.24	1.97	2.1 x 5.5mm DC pwr plug	8.69	7.75	6.85
412-112103	D	12VDC/1A	2.5	2.24	1.97	2.5 x 5.5mm DC pwr plug	8.69	7.75	6.85
† 412-112101	D	12VDC/1A	2.5	2.24	1.97	3.5mm phone plug	8.69	7.75	6.85
412-112153	D	12VDC/1.5A	3.34	2.67	2.20	2.5 x 5.5mm pwr plug	10.95	9.95	8.95
412-3120	F	Universal 3, 4.5, 6, 7. 5, 9, and 12VDC/500mA	2.9	2.02	2.00	6 way 2.5mm, 3.5mm male, 1.3 x 3.5mm, 2.1 x 5.0mm, 2.5 x 5.5mm DC pwr plug, 9VDC batt., Snap, ± polarity switch	9.95	8.54	7.49
412-124013	D	24VDC/100mA	2.3	1.70	1.65	2.5 x 5.5mm DC pwr plug	4.25	3.75	3.29
412-124044	D	24VDC/400mA	2.5	2.24	1.97	2.1 x 5.5mm DC pwr plug	8.69	7.75	6.85

AC to AC

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MOUSER STOCK NO.	Fig.	Output Rating (mA)	Dimensions (In.)			Output Connector	Price Each		
			H	W	D		1	10	50
412-205054	G	5VAC/500mA	2.4	1.75	1.65	2.1 x 5.5mm DC pwr plug	4.95	4.49	3.95
412-209054	G	9VAC/500mA	2.4	1.75	1.65	2.1 x 5.5mm DC pwr plug	4.95	4.49	3.95
412-209053	G	9VAC/500mA	2.4	1.75	1.65	2.5 x 5.5mm DC pwr plug	4.49	4.49	3.95
412-209051	G	9VAC/500mA	2.4	1.75	1.65	3.5mm phone plug	4.95	4.49	3.95
412-210054	G	10VAC/500mA	2.68	1.95	1.74	2.1 x 5.5mm DC pwr plug	4.95	4.49	3.95
412-212054	G	12VAC/500mA	2.68	1.95	1.74	2.1 x 5.5mm DC pwr plug	4.95	4.49	3.95
412-212053	G	12VAC/500mA	2.68	1.95	1.74	2.5 x 5.5mm DC pwr plug	4.95	4.49	3.95
412-212051	G	12VAC/500mA	2.2	2.1	1.6	3.5mm phone plug	5.32	4.84	4.40
412-212104	G	12VAC/1A	2.5	2.24	1.97	2.1 x 5.5mm DC pwr plug	5.49	4.95	4.49
412-212103	G	12VAC/1A	2.5	2.24	1.97	2.5 x 5.5mm DC pwr plug	5.49	4.95	4.49
412-212101	G	12VAC/1A	2.5	2.24	1.97	3.5mm phone plug	5.49	4.95	4.49
412-215042	G	15VAC/400mA	2.68	1.95	1.74	2.5mm phone plug	5.49	4.95	4.49
412-218054	G	18VAC/500mA	2.68	1.95	1.74	2.1 x 5.5mm DC pwr plug	5.49	4.95	4.49
412-224034	G	24VAC/300mA	2.68	1.95	1.74	2.1 x 5.5mm DC pwr plug	5.49	4.95	4.49
412-224054	G	24VAC/500mA	2.5	2.24	1.97	2.1 x 5.5mm DC pwr plug	5.49	4.95	4.49

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PLUG IN TRANSFORMERS

Specifications:

- Input voltage: 120VAC
- Protected by thermal/current fuse

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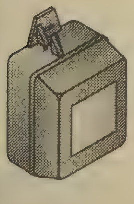

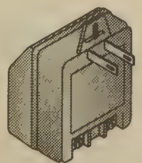

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Output Voltage (VAC)	Output Power (VA)	Output Current (A)	Price Each		
					1	10	20
507-XT1220	White	12	20	1.666	7.25	6.56	6.15
507-XP1620	Bone	16.5	20	1.212	7.25	6.56	6.15
507-XT1820	White	18	20	1.11	7.25	6.56	6.15
507-XT2420	White	24	20	0.833	7.25	6.56	6.15

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Color	Output Voltage (VAC)	Output Power (VA)	Output Current (A)	Price Each		
					1	10	20
507-XT1240	White	12	40	3.33	9.05	8.16	7.65
507-XT1640	White	16.5	40	2.424	9.05	8.16	7.65
507-XT1840	White	18	40	2.222	9.05	8.16	7.65
507-XT2440	White	24	40	1.666	9.05	8.16	7.65

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SDA/TDA SERIES: LOW PROFILE

Specifications (SDA Series):

- Mechanical and electrical life: 1,000 cycles at rated loads
- Contact rating: 25 mA @ 24 VDC or 100 mA @ 50 VDC
- Dielectric strength: 300 VDC min. for 1 minute

Specifications (TDA Series):

- Process sealed for surface mount soldering and washable processing
- .05" lead spacing
- Mechanical and Electrical life: 1,000 cycles
- Contact rating: 24 VDC @ 25 mA (switching); 50 VDC @ 100 mA (steady state)
- Dielectric strength: 300 VAC min.

MOUSER STOCK NO.	Fig.	Pos.	Dim. A (in.)	Price Each			
				1	25	100	250
Flush Actuator - No Tape, Thru-hole Terminals							
611-SDA02H0KD	A	2	.278	1.03	0.74	0.53	0.50
611-SDA03H0KD	A	3	.378	1.09	0.78	0.56	0.53
611-SDA04H0KD	A	4	.476	1.13	0.81	0.59	0.55
611-SDA05H0KD	A	5	.578	1.20	0.86	0.62	0.58
611-SDA06H0KD	A	6	.676	1.24	0.89	0.63	0.60
611-SDA07H0KD	A	7	.778	1.32	0.95	0.68	0.64
611-SDA08H0KD	A	8	.876	1.45	1.04	0.75	0.70
611-SDA09H0KD	A	9	.978	1.62	1.16	0.83	0.78
611-SDA10H0KD	A	10	1.076	1.74	1.25	0.89	0.84
611-SDA12H0KD	A	12	1.279	1.91	1.37	0.98	0.92
Flush Actuator - With Top Tape, Thru-hole Terminals							
611-SDA02H0K	A	2	.278	1.16	0.83	0.60	0.56
611-SDA03H0K	A	3	.378	1.22	0.87	0.62	0.59
611-SDA04H0K	A	4	.476	1.26	0.90	0.65	0.61
611-SDA05H0K	A	5	.578	1.32	0.95	0.68	0.64
611-SDA06H0K	A	6	.676	1.39	0.99	0.71	0.67
611-SDA07H0K	A	7	.778	1.45	1.04	0.75	0.70
611-SDA08H0K	A	8	.876	1.62	1.16	0.83	0.78
611-SDA09H0K	A	9	.978	1.74	1.25	0.89	0.84
611-SDA10H0K	A	10	1.076	1.87	1.34	0.96	0.90
611-SDA12H0K	A	12	1.279	2.04	1.46	1.04	0.98
Flush Actuator - With Top Tape, SMT							
611-SDA02H0SK	B	2	.278	1.48	1.17	0.84	0.78
611-SDA03H0SK	B	3	.378	1.56	1.23	0.89	0.83
611-SDA04H0SK	B	4	.476	1.63	1.29	0.92	0.87
611-SDA05H0SK	B	5	.578	1.69	1.34	0.96	0.90
611-SDA06H0SK	B	6	.676	1.77	1.40	1.01	0.94
611-SDA07H0SK	B	7	.778	1.86	1.47	1.05	0.99
611-SDA08H0SK	B	8	.876	2.03	1.61	1.16	1.08
611-SDA09H0SK	B	9	.978	2.24	1.77	1.28	1.19
611-SDA10H0SK	B	10	1.076	2.38	1.88	1.34	1.26
611-SDA12H0SK	B	12	1.279	2.60	2.06	1.47	1.38
Flush Actuator - No Tape, SMT							
611-SDA02H0SKD	B	2	.278	1.55	1.26	0.97	0.77
611-SDA03H0SKD	B	3	.378	1.63	1.33	1.03	0.81
611-SDA04H0SKD	B	4	.476	1.70	1.38	1.08	0.86
611-SDA05H0SKD	B	5	.578	1.78	1.45	1.12	0.89
611-SDA06H0SKD	B	6	.676	1.87	1.52	1.18	0.93
611-SDA07H0SKD	B	7	.778	1.98	1.61	1.25	0.99
611-SDA08H0SKD	B	8	.876	2.17	1.77	1.37	1.08
611-SDA09H0SKD	B	9	.978	2.41	1.96	1.52	1.20
611-SDA10H0SKD	B	10	.076	2.54	2.07	1.62	1.28
611-SDA12H0SKD	B	12	.279	2.82	2.29	1.79	1.41
Flush Actuator - Half Pitch, SMT							
611-TDA02H0SK1	C	2	.144	2.06	1.67	1.33	1.05
611-TDA04H0SK1	C	4	.244	2.18	1.77	1.41	1.11
611-TDA06H0SK1	C	6	.344	2.58	2.09	1.67	1.32
611-TDA08H0SK1	C	8	.444	2.96	2.40	1.92	1.52
611-TDA10H0SK1	C	10	.544	4.39	3.55	2.83	2.24
Extended Actuator - No Top Tape, Thru-hole Terminals							
611-SDA02H1KD	D	2	.278	1.03	0.74	0.53	0.50
611-SDA03H1KD	D	3	.378	1.09	0.78	0.56	0.53
611-SDA04H1KD	D	4	.476	1.13	0.81	0.59	0.55
611-SDA05H1KD	D	5	.578	1.20	0.86	0.62	0.58
611-SDA06H1KD	D	6	.676	1.24	0.89	0.63	0.60
611-SDA07H1KD	D	7	.778	1.32	0.95	0.68	0.64
611-SDA08H1KD	D	8	.876	1.45	1.04	0.75	0.70
611-SDA09H1KD	D	9	.978	1.62	1.16	0.83	0.78
611-SDA10H1KD	D	10	1.076	1.74	1.25	0.89	0.84
611-SDA12H1KD	D	12	1.279	1.91	1.37	0.98	0.92
Extended Actuator - No Top Tape, SMT							
611-SDA02H1SKD	E	2	.278	1.51	1.08	0.77	0.73
611-SDA03H1SKD	E	3	.378	1.60	1.14	0.81	0.77
611-SDA04H1SKD	E	4	.476	1.66	1.19	0.86	0.80
611-SDA05H1SKD	E	5	.578	1.83	1.31	0.93	0.88
611-SDA06H1SKD	E	6	.676	1.93	1.38	0.99	0.93
611-SDA07H1SKD	E	7	.778	1.93	1.38	0.99	0.93
611-SDA08H1SKD	E	8	.876	2.12	1.52	1.08	1.02
611-SDA09H1SKD	E	9	.978	2.35	1.68	1.20	1.13
611-SDA10H1SKD	E	10	1.076	2.48	1.77	1.28	1.19
611-SDA12H1SKD	E	12	1.279	2.75	1.97	1.41	1.32

BPA SERIES: SIDE ACTUATED

Specifications:

- Mechanical and Electrical Life: 1,000 cycles min. @ 5-VDC 10mA
- Contact rating: 100 mA max. @ 5 VDC or 25 mA max. @ 24 VDC
- Dielectric withstand voltage: 300 VAC for 1 minute
- High pressure contact system does not require tape seal

MOUSER STOCK NO.	Fig.	Pos.	Dim. A (in.)	Price Each			
				1	25	100	250
Thru-hole							
611-BPA02K	F	2	.28	1.14	0.90	0.71	0.61
611-BPA04K	F	4	.48	1.31	1.04	0.81	0.70
611-BPA05K	F	5	.578	1.39	1.10	0.86	0.74
611-BPA06K	F	6	.68	1.54	1.22	0.96	0.82
611-BPA07K	F	7	.778	1.60	1.26	0.99	0.85
611-BPA08K	F	8	.878	1.60	1.26	0.99	0.85
611-BPA09K	F	9	.978	1.73	1.37	1.07	0.92
611-BPA10K	F	10	1.078	1.81	1.43	1.12	0.96
Surface Mount							
611-BPA02SK	G	2	.28	1.25	0.99	0.78	0.67
611-BPA04SK	G	4	.48	1.43	1.13	0.91	0.78
611-BPA05SK	G	5	.578	1.52	1.20	0.94	0.81
611-BPA06SK	G	6	.68	1.69	1.34	1.06	0.90
611-BPA07SK	G	7	.778	1.75	1.38	1.09	0.93
611-BPA08SK	G	8	.878	1.75	1.38	1.09	0.93
611-BPA09SK	G	9	.978	1.90	1.50	1.19	1.01
611-BPA10SK	G	10	1.078	2.00	1.58	1.24	1.06

BD SERIES: STANDARD PROFILE

Specifications:

- Traditional full profile with extended actuator
- Mechanical and Electrical life: 10,000 make-and-break cycles at full load, each circuit.
- Contact rating: Carry: 100 mA max. @ 50 VDC
  Switch: 100 mA max. @ 5 VDC or
  25 mA max. @ 25 VDC

MOUSER STOCK NO.	Fig.	Pos.	Dim. A (in.)	Price Each			
				1	25	100	250
Open Base							
611-BD01	H	1	.18	1.17	1.02	0.78	0.74
611-BD02	H	2	.28	1.18	1.04	0.80	0.75
611-BD03	H	3	.38	1.20	1.05	0.80	0.76
611-BD04	H	4	.48	1.31	1.15	0.87	0.83
611-BD05	H	5	.58	1.34	1.18	0.89	0.85
611-BD06	H	6	.68	1.39	1.22	0.92	0.88
611-BD07	H	7	.78	1.44	1.26	0.96	0.91
611-BD08	H	8	.88	1.49	1.30	0.99	0.94
611-BD09	H	9	.98	1.54	1.34	1.04	0.97
611-BD10	H	10	1.08	1.62	1.41	1.07	1.02
611-BD12	H	12	1.28	1.73	1.51	1.14	1.09
Open Base and Right Angle Terminal Style							
611-BD02AV	I	2	.28	2.28	1.80	1.49	1.26
611-BD03AV	I	3	.38	2.30	1.82	1.50	1.27
611-BD04AV	I	4	.48	2.41	1.91	1.57	1.33
611-BD05AV	I	5	.58	2.45	1.94	1.58	1.34
611-BD06AV	I	6	.68	2.53	2.00	1.63	1.39
611-BD07AV	I	7	.78	2.58	2.04	1.67	1.41
611-BD08AV	I	8	.88	2.64	2.09	1.70	1.44
611-BD09AV	I	9	.98	2.70	2.13	1.75	1.48
611-BD10AV	I	10	1.08	2.77	2.19	1.78	1.51
611-BD12AV	I	12	1.28	2.93	2.31	1.86	1.58

SP SERIES: SINGLE IN-LINE SWITCHES

Specifications:

- High pressure contact system does not require tape sealing
- Contact rating: Carry: 0.1mA @ 1mV min.; Switching: 10 mA @ 5 VDC
- Mechanical and Electrical Life: 1,000 cycles min.
- Dielectric strength: 1 minute @ 300 VAC

MOUSER STOCK NO.	Fig.	Pos.	Dimensions. (In.)		Price Each		
			A	B	1	25	100
Vertical							
611-SP02	J	2	.298	.100	2.21	1.79	1.43
611-SP04	J	5	.498	.300	2.50	2.02	1.62
611-SP06	J	7	.698	.500	2.92	2.36	1.88
611-SP08	J	9	.898	.700	3.38	2.74	2.19
611-SP10	J	10	1.098	.900	4.26	3.45	2.76
Right Angle							
611-SP02A	K	2	.338	.100	3.09	2.50	2.00
611-SP04A	K	5	.538	.300	3.30	2.67	2.13
611-SP06A	K	7	.738	.500	3.97	3.21	2.57
611-SP08A	K	9	.938	.700	4.35	3.52	2.81
611-SP10A	K	10	1.138	.900	4.70	3.81	3.04

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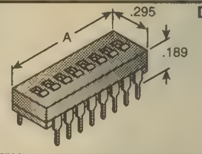

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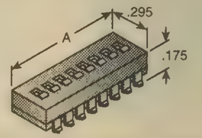

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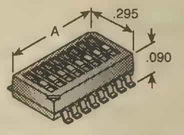

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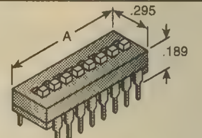

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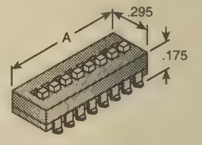

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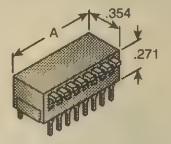

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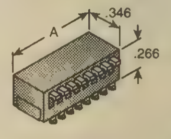

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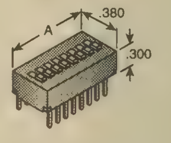

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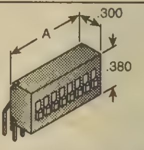

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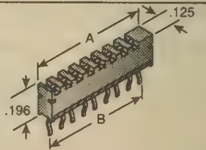

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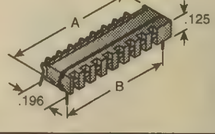

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C&K® Toggle Switches

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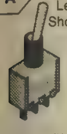

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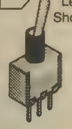

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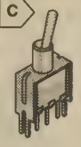

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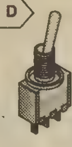

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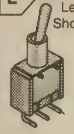

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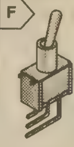

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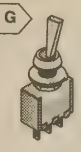

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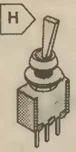

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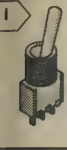

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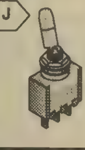

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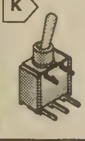

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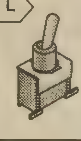

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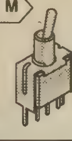

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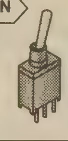

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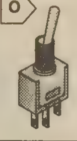

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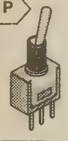


Contact Material and Application Recommendation

Contact Material	Characteristics
B	Low level or dry circuit rated: 0.4VA max. @ 20VAC or DC max. Contact material: gold
Q	POWER RATED: Ratings from 100mA to 10A @ 125VAC are available. Contact material: silver
G	POWER OR LOW LEVEL/DRY CIRCUIT RATED: Electrically equivalent to B, Q, K, & M contact materials and can be used where either low level/ dry circuit or power conditions are encountered. When the dry circuit rating is exceeded, the gold plating is removed from the contact interface and the switch cannot then be used in dry circuits. G or L contact material should be specified where agency approvals are required on a switch used in a dry circuit application. Contact material: gold over silver

000 SERIES MINIATURE TOGGLE SWITCHES

( ) = Momentary

* Unthreaded bushing

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Contact Material	Price Each		
						1	10	100
Standard Lever								
11-7101-001	A	7101SYZQE	SPDT	On-On	Q	3.90	3.66	3.42
11-7101-005	A	7101SYZBE	SPDT	On-On	B	3.90	3.66	3.42
11-7101-006	A	7101SYZGE	SPDT	On-On	G	4.32	3.86	3.60
11-7101-007	A	7101SH3ZQE	SPDT	On-On	Q	4.90	4.53	4.23
11-7103-001	A	7103SYZQE	SPDT	On-Off-On	Q	4.38	4.11	3.84
11-7103-005	A	7103SYZBE	SPDT	On-Off-On	B	4.40	4.13	3.85
11-7105-001	A	7105SYZQE	SPDT	(On)-Off-(On)	Q	4.62	4.34	4.05
11-7107-001	A	7107SYZQE	SPDT	On-Off-(On)	Q	4.62	4.34	4.05
11-7108-001	A	7108SYZQE	SPDT	On-(On)	Q	4.62	4.34	4.05
11-7201-001	A	7201SYZQE	DPDT	On-On	Q	5.62	5.27	4.91
11-7201-005	A	7201SYZBE	DPDT	On-On	B	5.62	5.27	4.91
11-7203-001	A	7203SYZQE	DPDT	On-Off-On	Q	6.43	6.03	5.63
11-7207-001	A	7207SYZQE	DPDT	On-Off-(On)	Q	7.66	7.02	5.78
11-7208-001	A	7208SYZQE	DPDT	On-(On)	Q	7.66	7.02	5.78
11-7211-001	A	7211SYZQE	DPDT	On-On-On	Q	8.07	7.40	6.09
11-7213-001	A	7213SYZQE	DPDT	On-On-(On)	Q	8.70	7.97	6.57
11-7215-001	A	7215SYZQE	DPDT	(On)-On-(On)	Q	8.70	7.97	6.57
11-7301-001	A	7301SYZQE	3PDT	On-On	Q	9.78	9.17	8.55
11-7303-001	A	7303SYZQE	3PDT	On-Off-On	Q	12.02	11.02	9.07
11-7305-001	A	7305SYZQE	3PDT	(On)-Off-(On)	Q	15.11	13.86	11.34
11-7401-001	A	7401SYZQE	4PDT	On-On	Q	13.55	12.71	11.86
11-7403-001	A	7403SYZQE	4PDT	On-Off-On	Q	16.65	15.27	12.57
11-7405-001	A	7405SYZQE	4PDT	(On)-Off-(On)	Q	18.16	16.64	13.71
11-7411-001	A	7411SYZQE	4PDT	On-On-On	Q	19.21	17.61	16.05
11-7413-001	A	7413SYZQE	4PDT	On-On-(On)	Q	19.21	17.61	16.05
11-7415-001	A	7415SYZQE	4PDT	(On)-On-(On)	Q	19.21	17.61	16.05
hort Lever								
11-7101-064	A	7101MDZQE	SPDT	On-On	Q	5.25	4.20	3.42
11-7101-065	A	7101MYZQE	SPDT	On-On	Q	5.25	4.20	3.42
11-7201-064	A	7201MDZGE	DPDT	On-On	Q	5.62	5.27	4.92
ong Lever								
11-7101-041	A	7101L1YZQE	SPDT	On-On	Q	4.92	4.02	3.75
11-7103-041	A	7103L1YZQE	SPDT	On-Off-On	Q	5.10	4.65	3.85
11-7201-041	A	7201I1YZQE	DPDT	On-On	Q	6.51	5.97	4.92
11-7203-041	A	7203I1YZQE	DPDT	On-Off-On	Q	7.46	6.83	5.63
tandard Lever, PC Mount								
11-7101-002	B	7101SYCQE	SPDT	On-On	Q	3.98	3.74	3.49
11-7101-054	B	7101SYCBE	SPDT	On-On	B	3.98	3.74	3.49
11-7101-075	D	7101SD9CQE	SPDT	On-On	Q	3.98	3.74	3.49
11-7101-076	C	7101SD9V3BE	SPDT	On-On	B	5.91	4.72	4.03
11-7103-002	B	7103SYCQE	SPDT	On-Off-On	Q	4.48	4.20	3.92
11-7105-002	B	7105SYCQE	SPDT	(On)-Off-(On)	Q	4.70	4.41	4.12
11-7107-002	B	7107SYCQE	SPDT	On-Off-(On)	Q	4.70	4.41	4.12
11-7201-002	B	7201SYCQE	DPDT	On-On	Q	5.74	5.39	5.03
11-7201-054	B	7201SYCBE	DPDT	On-On	B	5.74	5.39	5.03
11-7203-002	B	7203SYCQE	DPDT	On-Off-On	Q	6.56	6.15	5.74
hort Lever, PC Mount								
11-7101-063	B	7101MDCQE	SPDT	On-On	Q	5.37	4.29	3.49
11-7101-062	C	7101MD9V3QE	SPDT	On-On	Q	6.60	5.28	4.18
11-7103-062	C	7103MD9V3BE	SPDT	On-Off-On	B	7.14	5.71	4.52
tandard Lever, Splash Proof								
11-7101-071	D	7101SCWZQE	SPDT	On-On	Q	5.49	5.03	4.31
11-7103-071	D	7103SCWZQE	SPDT	On-Off-On	Q	6.06	5.56	4.67
11-7105-071	D	7105SCWZQE	SPDT	(On)-Off-(On)	Q	6.42	5.88	4.77
11-7201-071	D	7201SCWZQE	DPDT	On-On	Q	7.47	6.85	5.87
11-7203-071	D	7203SCWZQE	DPDT	On-Off-On	Q	8.42	7.72	6.49
tandard Lever, Right Angle PC Mount								
11-7101-004	E	7101SD9ABE	SPDT	On-On	B	5.73	4.62	3.75
11-7103-004	E	7103SD9ABE	SPDT	On-Off-On	B	6.45	5.16	4.19
hort Lever, Right Angle PC Mount								
11-7101-051	E	7101MD9ABE	SPDT	On-On	B	4.44	4.02	3.75
11-7101-052	E	7101MD9AGE	SPDT	On-On	G	5.01	4.49	4.19
11-7101-053	E	7101MD9AQE	SPDT	On-On	Q	5.91	4.72	3.75
11-7101-061	F	7101MD9AV2BE	SPDT	On-On	G	4.56	4.19	3.91
11-7103-051	E	7103MD9ABE	SPDT	On-Off-On	B	5.01	4.49	4.19
11-7103-061	F	7103MD9AV2BE	SPDT	On-Off-On	B	5.75	5.27	4.35
11-7105-051	E	7105MD9ABE	SPDT	(On)-Off-(On)	B	5.80	5.25	4.38
11-7107-051	E	7107MD9ABE	SPDT	On-Off-(On)	B	5.80	5.25	4.38
11-7107-061	F	7107MD9AV2BE	SPDT	On-Off-(On)	B	6.01	5.51	4.54
11-7201-051	E	7201MD9ABE	DPDT	On-On	B	6.60	5.93	5.53

7000 SERIES MINIATURE TOGGLE SWITCHES (cont.)

( ) = Momentary

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Contact Material	Price Each		
						1	10	100
Flat Lever								
611-7101-021	G	7101P3YZQE	SPDT	On-On	Q	4.94	4.64	4.33
611-7101-024	E	7101P3D9ABE	SPDT	On-On	B	7.80	6.24	4.94
611-7101-022	H	7101P3YCQE	SPDT	On-On	Q	7.25	5.80	4.59
611-7101-025	G	7101P3YZBE	SPDT	On-On	B	7.14	5.71	4.52
611-7103-021	G	7103P3YZQE	SPDT	On-Off-On	Q	6.31	5.78	4.86
611-7105-022	H	7105P3YCQE	SPDT	(On)-Off-(On)	Q	5.74	5.39	5.03
611-7107-021	G	7107P3YZQE	SPDT	On-Off-(On)	Q	6.57	6.02	4.99
611-7108-021	G	7108P3YZQE	SPDT	On-(On)	Q	6.57	6.02	4.99
611-7201-021	G	7201P3YZQE	DPDT	On-On	Q	6.75	6.24	5.82
611-7201-025	G	7201P3YZBE	DPDT	On-On	B	6.75	6.24	5.82
611-7205-021	G	7205P3YZQE	DPDT	(On)-Off-(On)	Q	8.66	7.94	6.74
611-7207-021	G	7207P3YZQE	DPDT	On-Off-(On)	Q	8.86	8.13	6.89
611-7208-021	G	7208P3YZQE	DPDT	On-(On)	Q	8.86	8.13	6.89
Large Lever								
611-7101-081	I	7101TZQE	SPDT	On-On	Q	6.32	5.80	4.97
611-7103-081	I	7103TZQE	SPDT	On-Off-On	Q	6.90	6.32	5.42
611-7201-081	I	7201TZQE	DPDT	On-On	Q	8.53	7.82	6.70
611-7203-081	I	7203TZQE	DPDT	On-Off-On	Q	9.25	8.48	7.27
Locking Lever								
611-7101-031	J	7101K2ZQE	SPDT	On-On	Q	5.94	5.54	5.17
611-7103-032	J	7103K12ZQE	SPDT	On-Off-On	Q	6.70	6.14	5.66
611-7103-031	J	7103K2ZQE	SPDT	On-Off-On	Q	6.70	6.14	5.66
611-7105-031	J	7105K2ZQE	SPDT	(On)-Off-(On)	Q	6.70	6.14	5.66
611-7203-031	J	7203K2ZQE	DPDT	On-Off-On	Q	8.53	7.91	7.38

ET SERIES SEALED TINY TOGGLE SWITCHES

( ) = Momentary

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Contact Material	Price Each		
						1	10	100
611-ET01-011	K	ET01MD1ABE	SPDT	On-On	B	5.62	5.25	4.24
611-ET01-012	L	ET01MD1SAKE	SPDT	On-On	K	6.21	5.50	4.88
611-ET01-013	M	ET01MD1V3BE	SPDT	On-On	B	5.62	5.25	4.24
611-ET01-003	N	ET01SD1CBE	SPDT	On-On	B	5.27	4.82	3.98
611-ET03-011	K	ET03MD1ABE	SPDT	On-Off-On	B	5.44	5.10	4.76
611-ET03-012	L	ET03MD1SAKE	SPDT	On-Off-On	K	6.90	6.15	5.42
611-ET03-003	N	ET03SD1CBE	SPDT	On-Off-On	B	5.95	5.44	4.49
611-ET08-011	K	ET08MD1ABE	SPDT	On-(On)	B	6.31	5.88	4.76
611-ET08-003	N	ET08SD1CBE	SPDT	On-(On)	B	5.95	5.44	4.49

E SERIES SEALED TOGGLE SWITCHES

( ) = Momentary

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Contact Material	Price Each		
						1	10	100
611-E101-001	E	E101MD1ABE	SPDT	On-On	B	5.14	4.71	3.88
611-E101-002	F	E101MD1AV2BE	SPDT	On-On	B	5.34	4.80	4.03
611-E101-003	N	E101SD1CBE	SPDT	On-On	B	4.78	4.36	3.61
611-E103-002	F	E103MD1AV2BE	SPDT	On-Off-On	B	6.31	5.68	4.90
611-E103-003	N	E103SD1CBE	SPDT	On-Off-On	B	5.75	5.25	4.34
611-E105-011	E	E105MD1ABE	SPDT	(On)-Off-(On)	B	6.10	5.59	4.61
611-E105-002	F	E105MD1AV2BE	SPDT	(On)-Off-(On)	B	6.31	5.68	4.90
611-E105-003	N	E105SD1CBE	SPDT	(On)-Off-(On)	B	5.75	5.25	4.34
611-E201-002	F	E201MD1AV2BE	DPDT	On-On	B	8.46	7.63	6.52
611-E201-003	N	E201SD1CBE	DPDT	On-On	B	7.40	6.76	5.59
611-E203-002	F	E203MD1AV2BE	DPDT	On-Off-On	B	8.88	8.14	7.27
611-E101-004	E	E101SD1ABE	SPDT	On-On	B	7.18	6.73	5.64

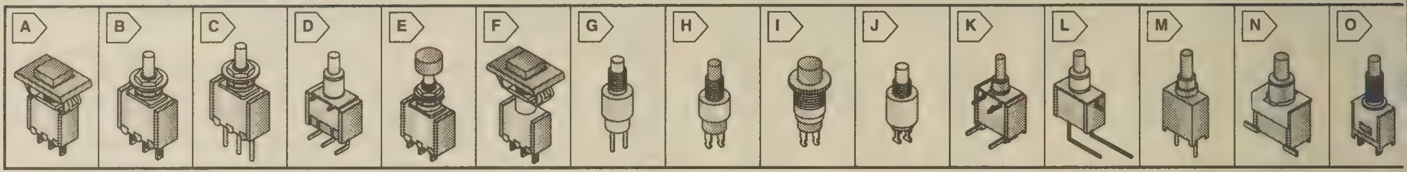
T SERIES TINY TOGGLE SWITCHES

( ) = Momentary

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Contact Material	Price Each		
						1	10	100
611-T103-001	O	T103SHCQE	SPDT	On-Off-On	Q	5.88	5.25	4.44
611-T103-002	P	T103SHZQE	SPDT	On-Off-On	Q	5.99	5.42	4.52
611-T201-001	O	T201SHCQE	DPDT	On-On	Q	7.59	6.76	5.73
611-T201-002	P	T201SHZQE	DPDT	On-On	Q	7.84	7.15	5.92
611-T201-003	K	T201MH9ABE	DPDT	On-On	B	8.25	7.56	6.23
611-T203-002	O	T203SHZGE	DPDT	On-Off-On	Q	8.94	8.08	6.68

C&K® Pushbutton and Slide Switches

PUSHBUTTON SWITCHES



8020 Series Snap-Acting Momentary Pushbutton Switches ( ) = Momentary

- Circuit: On-(On)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Contact Rating	Termin-ation	Price Each		
						1	10	100
611-8121-211	A	8121J81ZGE22	SPDT	1A@120VAC/28VDC	Solder	7.83	7.17	6.15
611-8121-221	B	8121SHZGE	SPDT	1A@120VAC/28VDC	Solder	7.08	6.49	5.57
611-8121-222	C	8121SHCGE	SPDT	1A@120VAC/28VDC	PC	6.19	5.81	5.42
611-8121-231	D	8121SD9AGE	SPDT	1A@120VAC/28VDC	PC	6.50	6.09	5.68
611-8125-211	A	8125J81ZBE22	SPDT	.4A@20VAC/20VDC	Solder	5.60	5.13	4.33
611-8125-222	C	8125SHCBE	SPDT	.4A@20VAC/20VDC	PC	5.45	4.58	3.74
611-8125-231	D	8125SD9ABE	SPDT	.4A@20VAC/20VDC	Solder	4.86	4.49	4.00
611-8125-241	B	8125SHZBE	SPDT	.4A@20VAC/20VDC	Solder	4.75	4.25	3.67
611-8221-211	A	8221J81ZGE22	DPDT	1A@120VAC/28VDC	Solder	11.39	10.44	8.95
611-8221-221	B	8221SHZGE	DPDT	1A@120VAC/28VDC	Solder	10.65	9.78	8.36
611-8225-211	A	8225J81ZBE22	DPDT	.4A@20VAC/20VDC	Solder	7.47	6.85	5.81
611-8225-241	B	8225SHZBE	DPDT	.4A@20VAC/20VDC	Solder	6.73	6.17	5.08

8060 Series Alternate Action and Momentary Pushbutton Switches ( ) = Momentary

- Contact rating: 6A@120VAC/28VDC, 3A@250VAC

For quantities greater than listed, call for quote.

611-8161-201	E	8161SHZQE2	SPDT	On-On	Solder	5.34	4.73	4.03
611-8161-211	F	8161J81ZGE22	SPDT	On-On	Solder	6.10	5.68	5.00
611-8168-203	E	8168LHZQE2	SPDT	On-(On)	Solder	5.34	4.73	4.03
611-8168-202	E	8168SHZGE2	SPDT	On-(On)	Solder	5.54	5.30	4.23
611-8168-211	F	8168J81ZGE22	SPDT	On-(On)	Solder	6.10	5.68	5.00
611-8261-201	E	8261SHZQE2	DPDT	On-On	Solder	9.55	8.76	7.50
611-8261-211	F	8261J81ZGE22	DPDT	On-On	Solder	9.89	9.27	8.65
611-8261-202	E	8261SHZGE2	DPDT	On-On	Solder	9.93	9.07	7.88

8500 Series Subminiature Pushbutton Switches ( ) = Momentary

- Contact rating: 1A@120VAC/28VDC

For quantities greater than listed, call for quote.

611-8531-251	G	8531MCQE2	SPST	(On)-Off	PC	4.35	3.48	3.25
611-8533-251	G	8533MCQE2	SPST	(On)-Off	Solder	4.86	3.88	3.61
611-8531-252	H	8531MZQE2	SPST	(On)-Off	Solder	3.63	3.41	3.18
611-8532-261	I	8532T1ZBE2	SPST	(On)-Off	Solder	5.37	4.29	3.60
611-8532-262	I	8532T1ZBE3	SPST	(On)-Off	Solder	5.37	4.29	3.60

8600 Series Microminiature Pushbutton Switches ( ) = Momentary

- Contact rating: 500mA@120VAC/28VDC, 250mA@250VAC

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Termina-tion	Price Each		
						1	10	10
611-8631-252	J	8631ZQD2	SPST	(On)-Off	Solder	4.69	4.30	3.4

EP Series Sealed Tiny Pushbutton Switches ( ) = Momentary

- Contact rating: 0.4VA@20VAC/20VDC

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Termina-tion	Price Each		
						1	10	10
611-EP11-001	K	EP11SD1ABE	SPST	(On)-Off	PC	4.40	4.03	3.3
611-EP11-002	L	EP11SD1AVBE	SPST	(On)-Off	PC	4.54	4.22	3.4
611-EP11-003	M	EP11SD1CBE	SPST	(On)-Off	PC	4.08	3.60	3.0
611-EP11-004	N	EP11SD1SAKE	SPST	(On)-Off	SMT	4.99	4.45	3.9
611-EP12-001	K	EP12SD1ABE	SPDT	(On)-On	PC	5.25	4.75	4.1
611-EP12-003	M	EP12SD1CBE	SPDT	(On)-On	PC	4.93	4.33	3.8
611-EP12-004	N	EP12SD1SAKE	SPDT	(On)-On	SMT	5.84	5.16	4.5
611-EP21-001	K	EP21SD1ABE	DPST	(On)-Off	PC	6.98	6.54	6.1
611-EP21-002	L	EP21SD1AVBE	DPST	(On)-On	PC	7.17	6.72	6.2
611-EP21-003	M	EP21SD1CBE	DPST	(On)-Off	PC	6.46	6.06	5.6

TP Series Tiny Pushbutton Switches ( ) = Momentary

- Contact rating: 1A@120VAC/28VDC

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	C&K Part Number	Type	Circuit	Termina-tion	Price Each		
						1	10	10
611-TP11-002	O	TP11SHZQE	SPST	Off-(On)	Solder	4.24	3.98	3.7
611-TP11-004	K	TP11SH9ABE	SPST	Off-(On)	PC	4.83	4.35	4.0
611-TP11-005	M	TP11SH9CBE	SPST	(On)-Off	PC	4.34	4.07	3.8
611-TP11-006	K	TP11SH8ABE	SPST	(On)-Off	PC	4.83	4.35	4.0
611-TP12-002	O	TP12SHZQE	SPDT	On-(On)	Solder	5.70	5.10	4.7
611-TP12-007	K	TP12SH8AQE	SPDT	On-(On)	PC	6.35	5.46	5.1
611-TP12-008	L	TP12SH8AVBE	SPDT	On-(On)	PC	6.35	5.46	5.1
611-TP21-002	O	TP21SHZQE	DPST	Off-(On)	Solder	8.64	7.82	7.2

ES/GS SERIES: TINY AND ULTRAMINIATURE SEALED

NEW THIS ISSUE

Specifications:

- Actuator Height: ES series - .121"; GS series - .05"
- Contact Rating: 0.4 VA max. @ 20 VAC or DC max.
- Mechanical and Electrical Life: 40,000 make-and-break cycles at full load
- Dielectric Strength: 500 Vrms min.

MOUSER STOCK NO.	Fig.	Type	Circuit	Termination	Price Each		
					1	25	50
611-ES01MCKE	A	SPDT	On-None-On	PC thru-hole	3.50	3.12	2.90
611-ES02MCKE	A	SPST	Off-None-On	PC thru-hole	3.84	3.42	3.18
611-ES03MCKE	A	SPDT	On-Off-On	PC thru-hole	3.61	3.22	2.99
611-ES21MCKE	A	DPDT	On-None-On	PC thru-hole	4.88	4.10	3.81
611-ES22MCKE	A	DPST	Off-None-On	PC thru-hole	5.36	4.50	4.18
611-ES23MCKE	A	DPDT	On-Off-On	PC thru-hole	5.02	4.22	3.92
611-ES01MAKE	B	SPDT	On-None-On	R/A PC thru-hole	4.18	3.51	3.26
611-ES02MAKE	B	SPST	Off-None-On	R/A PC thru-hole	4.54	3.81	3.54
611-ES03MAKE	B	SPDT	On-Off-On	R/A PC thru-hole	4.28	3.60	3.34
611-ES21MAKE	C	DPDT	On-None-On	R/A PC thru-hole	5.32	4.47	4.15
611-ES22MAKE	C	DPST	Off-None-On	R/A PC thru-hole	5.80	4.87	4.52
611-ES23MAKE	C	DPDT	On-Off-On	R/A PC thru-hole	5.36	4.50	4.18
611-ES01MAVKE	D	SPDT	On-None-On	Vert. R/A PC thru-hole	4.32	3.63	3.37
611-ES02MAVKE	D	SPST	Off-None-On	Vert. R/A PC thru-hole	4.38	3.68	3.42
611-ES03MAVKE	D	SPDT	On-Off-On	Vert. R/A PC thru-hole	4.44	3.73	3.46
611-ES21MAVKE	E	DPDT	On-None-On	Vert. R/A PC thru-hole	5.36	4.50	4.18
611-ES22MAVKE	E	DPST	Off-None-On	Vert. R/A PC thru-hole	5.58	4.69	4.35
611-ES23MAVKE	E	DPDT	On-Off-On	Vert. R/A PC thru-hole	5.58	4.69	4.35
611-ES01MSAKE	F	SPDT	On-None-On	SMT Horiz. Actuation	3.78	3.18	2.95
611-ES02MSAKE	F	SPST	Off-None-On	SMT Horiz. Actuation	4.28	3.60	3.34
611-ES03MSAKE	F	SPDT	On-Off-On	SMT Horiz. Actuation	4.28	3.60	3.34
611-GS01MCKE	G	SPDT	On-On	PC thru-hole	5.10	4.25	3.45
611-GS02MCKE	G	SPST	Off-On	PC thru-hole	4.53	4.28	3.73

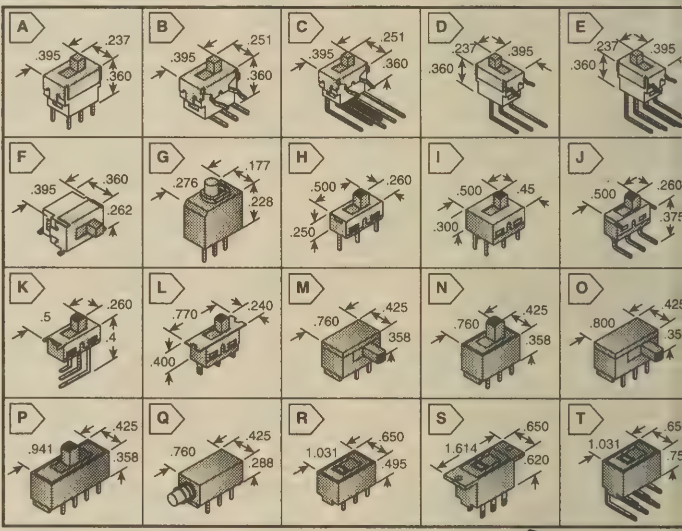
1000 SERIES: MINIATURE SWITCHES

NEW THIS ISSUE

Specifications:

- Mounting style: All are PC mount without tabs except 1101M1S3ZQE2, which is panel mount with tabs
- Switch Function: On-None-On
- Mechanical Life: Gold contacts - 100,000 cycles; Silver contacts - 40,000 cycles
- Contact rating: Gold contacts - 0.4 VA max. @ 20 VAC or VDC; Silver contacts - 6 A @ 120 VAC or 28 VDC
- Dielectric strength: 1,000 Vrms min.

MOUSER STOCK NO.	Fig.	Type	Termination	Contact Material	Price Each			
					1	25	50	100
611-1101M2S3CBE2	H	SPDT	PC Thru-hole	Gold	3.50	2.97	2.38	1.87
611-1101M2S3CQE2	H	SPDT	PC Thru-hole	Silver	3.50	2.97	2.38	1.87
611-1201M2S3CBE2	I	DPDT	PC Thru-hole	Gold	5.91	4.63	4.37	3.65
611-1201M2S3CQE2	I	DPDT	PC Thru-hole	Silver	5.91	4.63	4.37	3.65
611-1101M2S3ABE2	J	SPDT	R/A PC Thru-hole	Gold	3.56	3.03	2.68	2.14
611-1101M2S3AQE2	J	SPDT	R/A PC Thru-hole	Silver	3.56	3.03	2.68	2.14
611-1101M2S3AV2BE2	K	SPDT	Vert. R/A Thru-hole	Gold	3.56	3.03	2.68	2.14
611-1101M2S3AV2QE2	K	SPDT	Vert. R/A Thru-hole	Silver	3.56	3.03	2.68	2.14
611-1101M1S3ZQE2	L	SPDT	Solder lug	Silver	3.37	2.88	2.27	1.82



DIMENSIO (IN.)

L SERIES: MINIATURE SLIDE SWITCHES

NEW THIS ISSUE

Specifications:

- Contact Rating: 4 A @ 125 VAC or 28 VDC
- Electrical life: 10,000 cycles
- Dielectric strength: 1,000 Vrms min.

MOUSER STOCK NO.	Fig.	Type	Termination	Actuator Height (In.)	Price Each			
					1	25	50	100
611-L102021ML04Q	M	SPDT	R/A PC Thru-hole	.335	1.58	1.23	.97	.85
611-L202011MS02Q	N	DPDT	PC Thru-hole	.200	1.84	1.68	1.47	1.34
611-L202021MA04Q	O	DPDT	R/A PC Thru-hole	.335	2.60	2.10	1.83	1.71
611-L203011MS02Q	P	DP3T	PC Thru-hole	.200	2.20	1.90	1.75	1.65
611-L212132MV02Q	Q	DPDT	R/A PC Thru-hole	.330	3.07	2.89	2.49	2.32

V SERIES: POWER AND LINE VOLTAGE SELECT

NEW THIS ISSUE

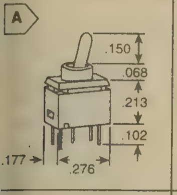
Specifications:

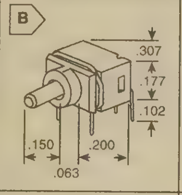
- Switch Function: DPDT
- Contact Material: Copper, silver plated
- Dielectric Strength: 1,000 Vrms min.
- Contact Rating: 10.1A @ 125 VAC; 4A @ 28 VDC
- Electrical Life: 10,000 make-and-break cycles at full load

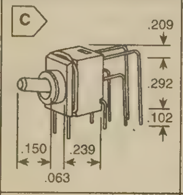
MOUSER STOCK NO.	Fig.	Mounting Style	Price Each			
			1	25	50	100
611-V80212MS02Q	R	PC Thru-hole	3.56	3.03	2.68	2.14
611-V80212SS05Q	S	Mounting ears, quick connect term.	3.56	3.03	2.68	2.14
611-V80212MA08Q	T	R/A PC Thru-hole	3.70	3.29	2.90	2.59

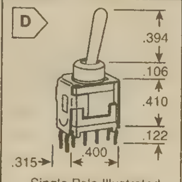
NKK® switches

Toggle Switches

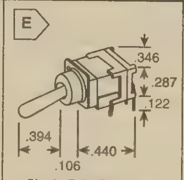








Single Pole Illustrated



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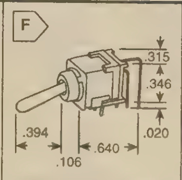

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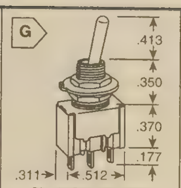

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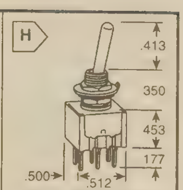

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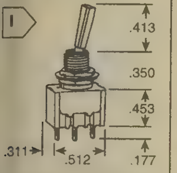

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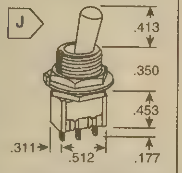

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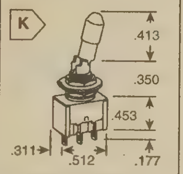

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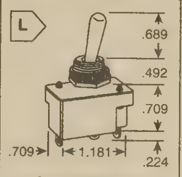
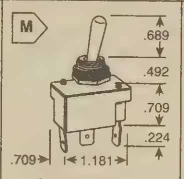
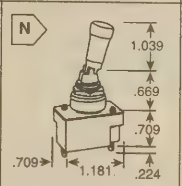
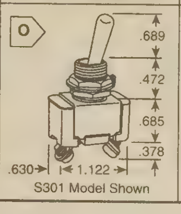


S1A Model Shown

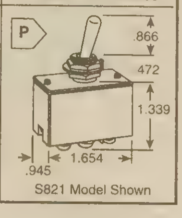


S2F Model Shown





S301 Model Shown



S821 Model Shown

SERIES: MICRO-SUBMINIATURE

• 4VA max. @ 28VAC/DC max.

MOUSER STOCK NO.	Fig.	NKK Pt. No.	Type	Circuit ( )=Momentary	PC Terminal	Price Each		
						1	10	100
33-G12AP	A	G12AP	SPDT	ON-NONE-ON	Straight	3.80	3.27	2.81
33-G13AP	A	G13AP	SPDT	ON-OFF-ON	Straight	4.00	3.44	2.96
33-G15AP	A	G15AP	SPDT	ON-NONE-(ON)	Straight	4.15	3.57	3.07
33-G22AP	A	G22AP	DPDT	ON-NONE-ON	Straight	5.35	4.60	3.96
33-G23AP	A	G23AP	DPDT	ON-OFF-ON	Straight	5.80	4.99	4.29
33-G25AP	A	G25AP	DPDT	ON-NONE-(ON)	Straight	5.90	5.07	4.37
33-G12AH	B	G12AH	SPDT	ON-NONE-ON	Right angle	4.38	3.77	3.24
33-G13AH	B	G13AH	SPDT	ON-OFF-ON	Right angle	4.58	3.94	3.39
33-G22AH	B	G22AH	DPDT	ON-NONE-ON	Right angle	6.45	5.55	4.77
33-G23AH	B	G23AH	DPDT	ON-OFF-ON	Right angle	6.90	5.93	5.11
33-G12AV	C	G12AV	SPDT	ON-NONE-ON	Vertical	4.38	3.77	3.24
33-G13AV	C	G13AV	SPDT	ON-OFF-ON	Vertical	4.58	3.94	3.39
33-G22AV	C	G22AV	DPDT	ON-NONE-ON	Vertical	6.45	5.55	4.77
33-G23AV	C	G23AV	DPDT	ON-OFF-ON	Vertical	6.90	5.93	5.11

SERIES: SUPER-SUBMINIATURE

• 4VA max. @ 28VAC/DC max.

33-B12AB	D	B12AB	SPDT	ON-NONE-ON	Straight w/bracket	3.80	3.27	2.81
33-B13AB	D	B13AB	SPDT	ON-OFF-ON	Straight w/bracket	3.95	3.40	2.92
33-B22AB	D	B22AB	DPDT	ON-NONE-ON	Straight w/bracket	5.15	4.43	3.81
33-B23AB	D	B23AB	DPDT	ON-OFF-ON	Straight w/bracket	5.50	4.73	4.07
33-B12AH	E	B12AH	SPDT	ON-NONE-ON	Right angle	4.10	3.53	3.03
33-B22AH	E	B22AH	DPDT	ON-NONE-ON	Right angle	5.45	4.69	4.03
33-B23AH	E	B23AH	DPDT	ON-OFF-ON	Right angle	5.80	4.99	4.29
33-B25AH	E	B25AH	DPDT	ON-NONE-(ON)	Right angle	5.95	5.12	4.40
33-B28AH	E	B28AH	DPDT	(ON)-OFF-(ON)	Right angle	6.70	5.76	4.96
33-B29AH	E	B29AH	DPDT	ON-OFF-(ON)	Right angle	6.70	5.76	4.96
33-B12AV	F	B12AV	SPDT	ON-NONE-ON	Vertical	4.10	3.53	3.03
33-B22AV	F	B22AV	DPDT	ON-NONE-ON	Vertical	5.45	4.69	4.03

SERIES: SUBMINIATURE

• Silver rated: 6A @ 125VAC, 3A @ 250VAC

MOUSER STOCK NO.	Fig.	NKK Part Number	Type	Circuit ( )=Momentary	Termina-tion	Price Each		
						1	10	100
ctuator: .413" Bat; Bushing: .350" Threaded with Keyway								
33-M201101	G	M2011SS1W01	SPST	ON-NONE-OFF	Solder	3.30	2.84	2.44
33-M201201	G	M2012SS1W01	SPDT	ON-NONE-ON	Solder	3.50	3.01	2.59
33-M201301	G	M2013SS1W01	SPDT	ON-OFF-ON	Solder	4.10	3.53	3.03
33-M201501	G	M2015SS1W01	SPDT	ON-NONE-(ON)	Solder	4.60	3.96	3.40
33-M201801	G	M2018SS1W01	SPDT	(ON)-OFF-(ON)	Solder	4.70	4.04	3.48
33-M201901	G	M2019SS1W01	SPDT	ON-OFF-(ON)	Solder	4.70	4.04	3.48
33-M202401	G	M2024SS1W01	SP3T	ON-ON-ON	Solder	7.50	6.45	5.55
33-M202601	G	M2026SS1W01	SP3T	(ON)-ON-(ON)	Solder	7.90	6.79	5.85
33-M202701	G	M2027SS1W01	SP3T	ON-ON-(ON	Solder	7.90	6.79	5.85
33-M202201	G	M2022SS1W01	DPDT	ON-NONE-ON	Solder	5.25	4.52	3.89
33-M202301	G	M2023SS1W01	DPDT	ON-OFF-ON	Solder	6.10	5.25	4.51
33-M202501	G	M2025SS1W01	DPDT	ON-NONE-(ON)	Solder	7.00	6.02	5.18
33-M202801	G	M2028SS1W01	DPDT	(ON)-OFF-(ON)	Solder	7.30	6.28	5.40
33-M202901	G	M2029SS1W01	DPDT	ON-OFF-(ON)	Solder	7.30	6.28	5.40
33-M204401	G	M2044SS1W01	DP3T	ON-ON-ON	Solder	17.50	15.05	12.95
33-M204601	G	M2046SS1W01	DP3T	(ON)-ON-(ON)	Solder	17.50	15.05	12.95
33-M204701	G	M2047SS1W01	DP3T	ON-ON-(ON)	Solder	17.50	15.05	12.95
33-M203201	G	M2032SS1W01	3PDT	ON-NONE-ON	Solder	8.75	7.53	6.48
33-M203301	G	M2033SS1W01	3PDT	ON-OFF-ON	Solder	11.00	9.46	8.14
33-M204201	G	M2042SS1W01	4PDT	ON-NONE-ON	Solder	12.05	10.36	8.92
33-M204301	G	M2043SS1W01	4PDT	ON-OFF-ON	Solder	14.40	12.38	10.66
33-M201203	H	M2012SS1W03	SPDT	ON-NONE-ON	PC	3.62	3.11	2.68
33-M201303	H	M2013SS1W03	SPDT	ON-OFF-ON	PC	4.22	3.63	3.12
33-M201503	H	M2015SS1W03	SPDT	ON-NONE-(ON)	PC	4.72	4.06	3.49
33-M201803	H	M2018SS1W03	SPDT	(ON)-OFF-(ON)	PC	4.82	4.15	3.57
33-M201903	H	M2019SS1W03	SPDT	ON-OFF-(ON)	PC	4.82	4.15	3.57
33-M202403	H	M2024SS1W03	SP3T	ON-ON-ON	PC	7.74	6.66	5.73
33-M202203	H	M2022SS1W03	DPDT	ON-NONE-ON	PC	5.49	4.72	4.06
33-M202303	H	M2023SS1W03	DPDT	ON-OFF-ON	PC	6.34	5.45	4.69
33-M203203	H	M2032SS1W03	3PDT	ON-NONE-ON	PC	9.11	7.83	6.74
33-M204203	H	M2042SS1W03	4PDT	ON-NONE-ON	PC	12.53	10.78	9.27
ctuator: .450" Flatted; Bushing: .350" Threaded with Keyway								
33-M201202	I	M2012ES1W01	SPDT	ON-NONE-ON	Solder	4.50	3.87	3.33
33-M201302	I	M2013ES1W01	SPDT	ON-OFF-ON	Solder	5.10	4.39	3.77
33-M201502	I	M2015ES1W01	SPDT	ON-NONE-(ON)	Solder	5.60	4.82	4.14
33-M201802	I	M2018ES1W01	SPDT	(ON)-OFF-(ON)	Solder	5.70	4.90	4.22

M SERIES: SUBMINIATURE (cont.)

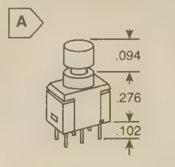
MOUSER STOCK NO.	Fig.	NKK Part Number	Type	Circuit ( )=Momentary	Termina-tion	Price Each		
						1	10	100
Actuator: .450" Flatted; Bushing: .350" Threaded with Keyway (cont.)								
633-M201902	I	M2019ES1W01	SPDT	ON-OFF-(ON)	Solder	5.70	4.90	4.22
633-M202402	I	M2024ES1W01	SP3T	ON-ON-ON	Solder	8.50	7.31	6.29
633-M202202	I	M2022ES1W01	DPDT	ON-NONE-ON	Solder	6.25	5.38	4.63
633-M202302	I	M2023ES1W01	DPDT	ON-OFF-ON	Solder	7.10	6.11	5.25
633-M202502	I	M2025ES1W01	DPDT	ON-NONE-(ON)	Solder	8.00	6.88	5.92
633-M202802	I	M2028ES1W01	DPDT	(ON)-OFF-(ON)	Solder	8.30	7.14	6.14
Actuator: .453" Large Bat; Bushing: Large .472" Threaded with Keyway								
633-M201104	J	M2011BB1W01	SPST	ON-NONE-OFF	Solder	5.50	4.73	4.07
633-M201204	J	M2012BB1W01	SPDT	ON-NONE-ON	Solder	5.70	4.90	4.22
633-M201304	J	M2013BB1W01	SPDT	ON-OFF-ON	Solder	6.30	5.42	4.66
633-M201504	J	M2015BB1W01	SPDT	ON-NONE-(ON)	Solder	6.80	5.85	5.03
633-M201804	J	M2018BB1W01	SPDT	(ON)-OFF-(ON)	Solder	6.90	5.93	5.11
633-M202404	J	M2024BB1W01	SP3T	ON-ON-ON	Solder	9.70	8.34	7.18
633-M202204	J	M2022BB1W01	DPDT	ON-NONE-ON	Solder	7.45	6.41	5.51
633-M203204	J	M2032BB1W01	3PDT	ON-NONE-ON	Solder	10.95	9.42	8.10
633-M203504	J	M2035BB1W01	3PDT	ON-NONE-(ON)	Solder	15.70	13.50	11.62
633-M203804	J	M2038BB1W01	3PDT	(ON)-OFF-(ON)	Solder	15.70	13.50	11.62
633-M204204	J	M2042BB1W01	4PDT	ON-NONE-ON	Solder	14.25	12.26	10.55
633-M204304	J	M2043BB1W01	4PDT	ON-OFF-ON	Solder	16.60	14.28	12.28
633-M204504	J	M2045BB1W01	4PDT	ON-NONE-(ON)	Solder	18.25	15.70	13.51
Actuator: ø.201" Locking Lever; Bushing: Threaded with Keyway for Lever Lock								
633-M201205	K	M2012LL1W01	SPDT	ON-NONE-ON	Solder	6.03	5.19	4.46
633-M201305	K	M2013LL1W01	SPDT	ON-OFF-ON	Solder	6.63	5.70	4.91
633-M201505	K	M2015LL1W01	SPDT	ON-NONE-(ON)	Solder	7.13	6.13	5.28
633-M201805	K	M2018LL1W01	SPDT	(ON)-OFF-(ON)	Solder	7.23	6.22	5.35
633-M201905	K	M2019LL1W01	SPDT	ON-OFF-(ON)	Solder	7.23	6.22	5.35
633-M202205	K	M2022LL1W01	DPDT	ON-NONE-ON	Solder	7.78	6.69	5.76
633-M202305	K	M2023LL1W01	DPDT	ON-OFF-ON	Solder	8.63	7.42	6.39
633-M203205	K	M2032LL1W01	3PDT	ON-NONE-ON	Solder	11.28	9.70	8.35
633-M204205	K	M2042LL1W01	4PDT	ON-NONE-ON	Solder	14.58	12.54	10.79

S SERIES: STANDARD SIZE

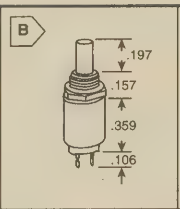
• Silver rated: 6A @ 125VAC, 3A @ 250VAC

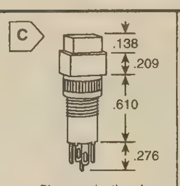
MOUSER STOCK NO.	Fig.	NKK Pt. No.	Type	Circuit ( )=Momentary	Resistive Load		Inductive	Price Each	
					125VAC	250VAC	125VAC	1	10
Solder Lug									
633-S1A	L	S1A	SPST	ON-NONE-OFF	15	6	8	3.05	2.81
633-S2A	L	S2A	SPDT	ON-NONE-ON	15	6	8	3.50	3.22
633-S3A	L	S3A	SPDT	ON-OFF-ON	15	6	8	3.60	3.31
633-S21A	L	S21A	DPST	ON-NONE-OFF	15	15	8	4.40	4.05
633-S6A	L	S6A	DPDT	ON-NONE-ON	20	10	8	5.25	4.83
633-S7A	L	S7A	DPDT	ON-OFF-ON	20	10	8	5.30	4.88
Quick Connect									
633-S1F	M	S1F	SPST	ON-NONE-OFF	15	6	8	3.35	3.08
633-S2F	M	S2F	SPDT	ON-NONE-ON	15	6	8	3.95	3.63
633-S3F	M	S3F	SPDT	ON-OFF-ON	15	6	8	4.10	3.77
633-S21F	M	S21F	DPST	ON-NONE-OFF	15	15	8	5.00	4.60
633-S6F	M	S6AF	DPDT	ON-NONE-ON	20	10	8	6.15	5.66
633-S7F	M	S7AF	DPDT	ON-OFF-ON	20	10	8	6.20	5.70
Lever Lock/Watertight									
633-S1AL	N	S1AL	SPST	ON-NONE-OFF	15	6	8	10.25	9.74
633-S2AL	N	S2AL	SPDT	ON-NONE-ON	15	6	8	11.35	10.78
633-S3AL	N	S3AL	SPDT	ON-OFF-ON	15	6	8	11.60	11.02
633-S21AL	N	S21AL	DPST	ON-NONE-OFF	15	15	8	12.60	11.97
633-S6AL	N	S6AL	DPDT	ON-NONE-ON	20	10	8	13.60	12.92
633-S7AL	N	S7AL	DPDT	ON-OFF-ON	20	10	8	13.70	13.02
Screw Lug									
633-S301T	O	S301T	SPST	ON-NONE-OFF	25	9	10	4.30	4.00
633-S302T	O	S302T	SPDT	ON-NONE-ON	25	9	10	4.45	4.14
633-S303T	O	S303T	SPDT	ON-OFF-ON	25	9	10	4.70	4.37
633-S305T	O	S305T	SPDT	ON-NONE-(ON)	15	6	8	4.60	4.28
633-S308T	O	S308T	SPDT	(ON)-OFF-(ON)	15	6	8	5.10	4.74
633-S309T	O	S309T	SPDT	ON-OFF-(ON)	15	6	8	5.10	4.74
Screw Lug									
633-S821	P	S821	DPST	ON-NONE-OFF	30	30	30	19.90	18.31
633-S822	P	S822	DPDT	ON-NONE-ON	30	30	30	20.70	19.67
633-S823	P	S823	DPDT	ON-OFF-ON	30	30	30	20.50	19.48
633-S831	P	S831	3PST	ON-NONE-OFF	30	30	30	29.71	28.22
633-S832	P	S832	3PDT	ON-NONE-ON	30	30	30	36.10	34.30
633-S833	P	S833	3PDT	ON-OFF-ON	30	30	30	36.15	34.34

NKK® switches Pushbutton Switches



Shown w/optional cap AT4063





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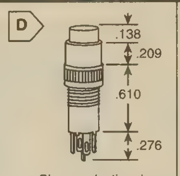
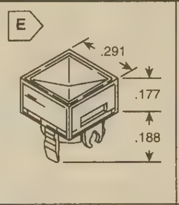
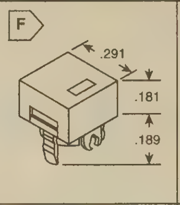
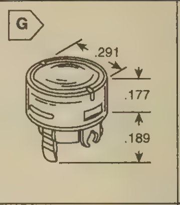
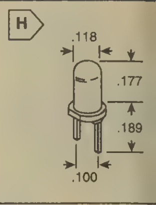


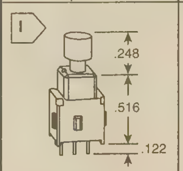
Shown w/optional cap (G) and LED (H)



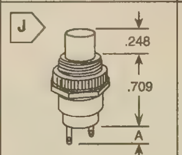




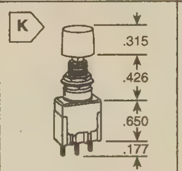




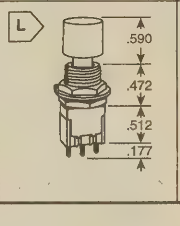
Shown w/optional cap AT475

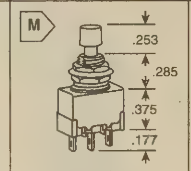


Dimension A:
SB4011NOM = .157
SB4011NCM = .197



Shown w/optional cap AT407





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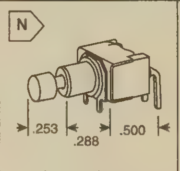

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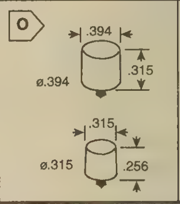
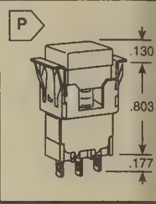




G SERIES: MICRO-SUBMINIATURE

( ) = Momentary

- Actuator: .130" long plunger
- .4VA max. @ 28 VAC/DC max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	NKK Part No.	Type	Circuit	PC Terminal	Price Each		
						1	10	100
633-GB15AP	A	GB15AP	SPDT	ON-(ON)	Straight	4.70	4.04	3.48
633-GB25AP	A	GB25AP	DPDT	ON-(ON)	Straight	5.40	4.64	4.00
633-GB15AH	A	GB15AH	SPDT	ON-(ON)	Right Angle	5.28	4.54	3.91
633-GB25AH	A	GB25AH	DPDT	ON-(ON)	Right Angle	6.50	5.59	4.81

Optional Slip-on Caps for G Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NKK Part Number	Description	Price Each		
			1	10	100
633-AT4063A	AT4063A	Black cap	.26	.22	.19
633-AT4063B	AT4063B	White cap	.26	.22	.19
633-AT4063C	AT4063C	Red cap	.26	.22	.19

FB SERIES: SUPER-SUBMINIATURE

- Actuator: white plunger
- Contacts: silver plated 500mA@125VAC

( ) = Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	NKK Part Number	Type	Circuit	Price Each		
					1	10	100
633-FB15ANEP2	B	FB15ANEP2	SPST	OFF-(ON)	3.45	2.97	2.55

Optional Slip-On Caps for FB & MB24 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NKK Part Number	Cap Description	Price Each		
			1	10	100
633-AT475A	AT475A	.201" diameter, black	.26	.22	.19
633-AT475B	AT475B	.201" diameter, white	.26	.22	.19
633-AT475C	AT475C	.201" diameter, red	.26	.22	.19
633-AT496A	AT496A	.295" diameter, black	.32	.28	.24
633-AT496B	AT496B	.295" diameter, white	.32	.28	.24
633-AT496C	AT496C	.295" diameter, red	.32	.28	.24

HB SERIES: SUPER-SUBMINIATURE

( ) = Momentary

- Illuminated 0.1A max. @ 30VAC

Note: match switch and cap shapes; order lamps seperately

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	NKK Part Number	Type	Circuit	Shroud	Price Each		
						1	10	100
633-HB15SKW01	C	HB15SKW01	SPDT	ON-(ON)	Square	4.95	4.70	4.46
633-HB16SKW01	C	HB16SKW01	SPDT	ON-ON	Square	5.35	5.08	4.82
633-HB15CKW01	D	HB15CKW01	SPDT	ON-(ON)	Round	4.95	4.70	4.46
633-HB16CKW01	D	HB16CKW01	SPDT	ON-ON	Round	5.35	5.08	4.82

Caps for HB Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	NKK Part Number	Actuator Shape	Cap Color	Price Each		
					1	10	100
633-AT4031C	E	AT4031C	Square	Red	.90	.86	.81
633-AT4031E	E	AT4031E	Square	Yellow	.90	.86	.81
633-AT4031F	E	AT4031F	Square	Green	.90	.86	.81
633-AT4052A	F	AT4052A	Square	Black, Spot Illum'd	1.20	1.14	1.08
633-AT4032C	G	AT4032C	Round	Red	.90	.86	.81
633-AT4032E	G	AT4032E	Round	Yellow	.90	.86	.81
633-AT4032F	G	AT4032F	Round	Red	.90	.86	.81

LED for HB Series

- Reverse peak voltage: 5V for red, yellow, and green
- Current reduction rate above 25°C: .40mA/°C for red and green, 28mA/°C for yellow

MOUSER STOCK NO.	Fig.	NKK Part No.	Current		Forward Voltage	LED Color	Price Each		
			Fwd. Peak	Cont. Fwd.			1	10	100
633-AT616C	H	AT616C	30mA	24mA	2.04V	Red	1.26	1.20	1.13
633-AT616E	H	AT616E	20mA	16mA	1.88V	Yellow	1.26	1.20	1.13
633-AT616F	H	AT616F	30mA	24mA	2.02V	Green	1.26	1.20	1.13

A SERIES: SUPER-SUBMINIATURE

( ) = Momenta

- Actuator: .213" long plunger
- 0.4A max. @ 28VAC

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	NKK Part No.	Type	Circuit	PC Terminal	Price Each		
						1	10	10
633-AB11AP	I	AB11AP	SPST	OFF-(ON)	Straight	3.90	3.35	2.8
633-AB15AP	I	AB15AP	SPDT	ON-(ON)	Straight	3.95	3.40	2.9
633-AB25AP	I	AB25AP	DPDT	ON-(ON)	Straight	5.05	4.34	3.7
633-AB15AH	I	AB15AH	SPDT	ON-(ON)	Right angle	4.55	3.91	3.3
633-AB25AH	I	AB25AH	DPDT	ON-(ON)	Right angle	5.95	5.12	4.4

SB SERIES: SUBMINIATURE

( ) = Moment

- Actuator: black plunger
- 3A @ 125 VAC

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	NKK Part Number	Type	Circuit	Price Each		
					1	10	10
633-SB4011NOM	J	SB4011NOM	SPST	OFF-(ON)	4.10	3.53	3.0
633-SB4011NCM	J	SB4011NCM	SPST	ON-(OFF)	4.10	3.53	3.0

MB2000 SERIES: SUBMINIATURE

- Actuator: black plunger

( ) = Moment

MOUSER STOCK NO.	Fig.	NKK Part Number	Type	Circuit	Material	Price Each		
						1	10	10
Standard Bushing								
633-MB201101	K	MB2011SS1W01	SPDT	ON-(ON)	Silver	5.10	4.69	4.0
633-MB206501	K	MB2065SS1W01	SPDT	ON-ON	Silver	5.30	4.88	4.2
633-MB206101	K	MB2061SS1W01	DPDT	ON-(ON)	Silver	6.85	6.30	5.4
633-MB208501	K	MB2085SS1W01	DPDT	ON-ON	Silver	7.30	6.72	5.8
633-MB218101	K	MB2181SS1W01	4PDT	ON-(ON)	Silver	11.90	10.95	9.5
633-MB218501	K	MB2185SS1W01	4PDT	ON-ON	Silver	12.40	11.41	9.5
633-MB201103	K	MB2011SS1W03	SPDT	ON-(ON)	Silver	5.22	4.80	4.1
633-MB206503	K	MB2065SS1W03	SPDT	ON-ON	Silver	5.42	4.99	4.3
633-MB206103	K	MB2061SS1W03	DPDT	ON-(ON)	Silver	7.09	6.52	5.0
633-MB208503	K	MB2085SS1W03	DPDT	ON-ON	Silver	7.54	6.48	5.5
633-MB218103	K	MB2181SS1W03	4PDT	ON-(ON)	Silver	12.78	10.99	9.4
633-MB218503	K	MB2185SS1W03	4PDT	ON-ON	Silver	13.28	11.42	9.8
Large Bushing								
633-MB201107	L	MB2011SB1W01	SPDT	ON-(ON)	Silver	7.30	6.28	5.4
633-MB206507	L	MB2065SB1W01	SPDT	ON-ON	Silver	7.50	6.45	5.5
633-MB206107	L	MB2061SB1W01	DPDT	ON-(ON)	Silver	9.05	7.78	6.
633-MB208507	L	MB2085SB1W01	DPDT	ON-ON	Silver	9.50	8.17	7.0
633-MB218107	L	MB2181SB1W01	4PDT	ON-(ON)	Silver	14.10	12.13	10.4
633-MB218506	L	MB2185SB1W01	4PDT	ON-ON	Silver	14.60	12.56	10.8

Optional Screw-On Caps for MB2000 Series

Color Code Chart
Colors=Ordering Suffix

Black = A	White = B	Red = C

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	10
633-AT413__	O	Standard bushing, .315" diameter	.46	.40	.3
633-AT407__	O	Standard bushing, .394" diameter	.52	.45	.3
633-AT078__	O	Large bushing, .315" diameter	.88	.77	.6
633-AT079__	O	Large bushing, .394" diameter	1.00	.87	.7

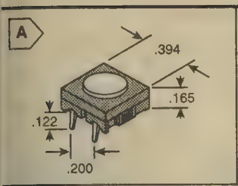
MB2400 SERIES: SUBMINIATURE

( ) = Moment

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	NKK Part Number	Type	Circuit	Material	Price Each		
						1	10	10
Threaded Bushing								
633-MB241108	M	MB2411E1W01	SPDT	ON-(ON)	Silver	5.18	4.45	3.
633-MB246108	M	MB2461E1W01	DPDT	ON-(ON)	Silver	7.11	6.11	5.
633-MB241109	M	MB2411E1G01	SPDT	ON-(ON)	Gold	5.60	4.82	4.
633-MB246109	M	MB2461E1G01	DPDT	ON-(ON)	Gold	7.95	6.84	5.
Smooth Bushing								
633-MB241110	N	MB2411A2W30	SPDT	ON-(ON)	Silver	5.98	5.14	4.
633-MB246110	N	MB2461A2W30	DPDT	ON-(ON)	Silver	8.71	7.49	6.
633-MB241111	N	MB2411A2G30	SPDT	ON-(ON)	Gold	6.40	5.50	4.
633-MB246111	N	MB2461A2G30	DPDT	ON-(ON)	Gold	9.55	8.21	7.
Snap-in Mount								
633-MB241112	P	MB2411JW01-C-1A	SPDT	ON-(ON)	Silver	6.06	5.21	4.
633-MB246112	P	MB2461JW01-C-1A	DPDT	ON-(ON)	Silver	7.99	6.87	5.

Keypad, Pushbutton, and Slide Switches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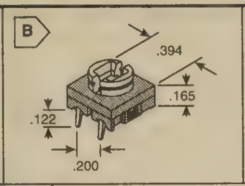
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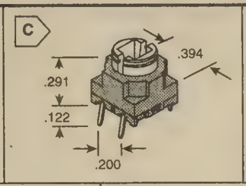
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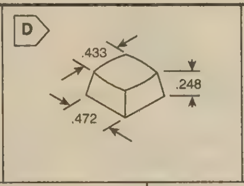
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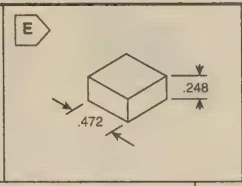
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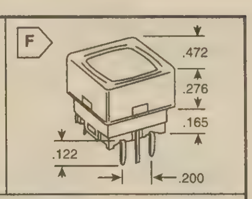
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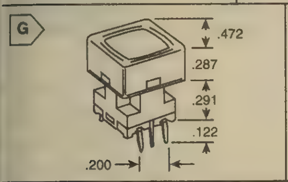
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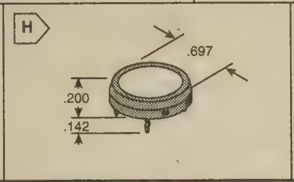
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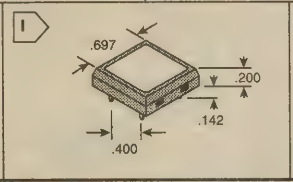
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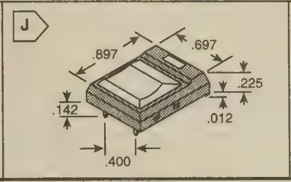
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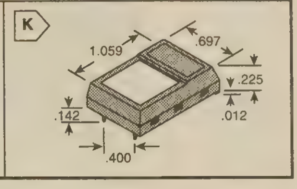

K

JB SERIES: KEYPAD SWITCHES AND CAPS

- Contact rating: 50mA @ 24VDC (short actuator)
  125mA @ 24VDC (extended actuator)
- Size: .472" square
- Operating force: 180gF for Figures A, B, and F
  270gF for Figures C and G
- Cap sold separately for Figures B and C
- Cap included with Figures F and G
- All switches are washable
- Figure A has a blue button actuator and doesn't use a cap

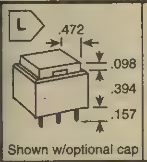
MOUSER STOCK NO.	Fig.	NKK Part No.	Height w/Cap	Color		Price Each			
				Cap	LED	1	25	100	250
633-JB15FP	A	JB15FP	.165"	None	None	1.40	1.20	1.06	.92
633-JB15KP	B	JB15KP	.441"	None	None	1.40	1.20	1.06	.92
633-JB15HAP	C	JB15HAP	.578"	None	None	2.40	2.06	1.78	1.63
633-AT4058A	D	AT4058A	N/A	Black	N/A	.40	.36	.32	.30
633-AT4058B	D	AT4058B	N/A	White	N/A	.40	.36	.32	.30
633-AT4058H	D	AT4058H	N/A	Gray	N/A	.40	.36	.32	.30
633-AT4059A	E	AT4059A	N/A	Black	N/A	.80	.72	.65	.59
633-AT4059B	E	AT4059B	N/A	White	N/A	.80	.72	.65	.59
633-AT4059C	E	AT4059C	N/A	Red	N/A	.80	.72	.65	.59
633-AT4059H	E	AT4059H	N/A	Gray	N/A	.80	.72	.65	.59
633-JB15LPC	F	JB15LPC-JC	.441"	Red	Red	2.80	2.66	2.52	2.38
633-JB15LPE	F	JB15LPE-JE	.441"	Yellow	Yellow	2.80	2.66	2.52	2.38
633-JB15LPF	F	JB15LPF-JF	.441"	Green	Green	2.80	2.66	2.52	2.38
633-JB15HBPC	G	JB15HBPC-JC	.578"	Red	Red	3.80	3.61	3.42	3.23
633-JB15HBPE	G	JB15HBPE-JE	.578"	Yellow	Yellow	3.80	3.61	3.42	3.23
633-JB15HBPF	G	JB15HBPF-JF	.578"	Green	Green	3.80	3.61	3.42	3.23

JF SERIES: KEYPAD SWITCHES

- Contact rating: 50mA @ 24VDC
- Splashproof housing is black
- All switches are washable
- Illuminated models have isolated lamp circuit
- Operating force: 300gF for Figures H, J, and L; 200gF for Figure K
- Figure J is spot illuminated
- Switch function; SPST Off-(On)

MOUSER STOCK NO.	Fig.	NKK Part No.	Size	Color		Price Each			
				Cap	LED	1	25	100	250
633-JF15CP2C	H	JF15CP2C	ø.697"	Red	None	2.55	2.19	1.94	1.74
633-JF15CP2D	H	JF15CP2D	ø.697"	Orange	None	2.55	2.19	1.94	1.74
633-JF15CP2F	H	JF15CP2F	ø.697"	Green	None	2.55	2.19	1.94	1.74
633-JF15CP2G	H	JF15CP2G	ø.697"	Blue	None	2.55	2.19	1.94	1.74
633-JF15CP2H	H	JF15CP2H	ø.697"	Gray	None	2.55	2.19	1.94	1.74
633-JF15SP1C	I	JF15SP1C	.697" Sq.	Red	None	2.55	2.19	1.94	1.74
633-JF15SP1D	I	JF15SP1D	.697" Sq.	Orange	None	2.55	2.19	1.94	1.74
633-JF15SP1F	I	JF15SP1F	.697" Sq.	Green	None	2.55	2.19	1.94	1.74
633-JF15SP1G	I	JF15SP1G	.697" Sq.	Blue	None	2.55	2.19	1.94	1.74
633-JF15SP1H	I	JF15SP1H	.697" Sq.	Gray	None	2.55	2.19	1.94	1.74
633-JF15RP3HC	J	JF15RP3HC	.697"x.897"	Gray	Red	3.99	3.28	3.11	2.90
633-JF15RP3HE	J	JF15RP3HE	.697"x.897"	Gray	Yellow	3.99	3.28	3.11	2.90
633-JF15RP3HF	J	JF15RP3HF	.697"x.897"	Gray	Green	3.99	3.28	3.11	2.90
633-JF15RP3GC	J	JF15RP3GC	.697"x.897"	Blue	Red	3.99	3.28	3.11	2.90
633-JF15RP3GE	J	JF15RP3GE	.697"x.897"	Blue	Yellow	3.99	3.28	3.11	2.90
633-JF15RP3GF	J	JF15RP3GF	.697"x.897"	Blue	Green	3.99	3.28	3.11	2.90
633-JF15AP1CC	K	JF15AP1CC	.697"x1.059"	Red	Red	4.65	4.42	3.95	3.42
633-JF15AP1EE	K	JF15AP1EE	.697"x1.059"	Yellow	Yellow	5.60	5.32	4.76	4.62
633-JF15AP1FF	K	JF15AP1FF	.697"x1.059"	Green	Green	4.85	4.61	4.12	4.01

UB SERIES: PUSHBUTTON SWITCHES ILLUMINATED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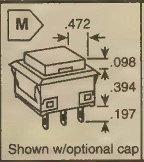
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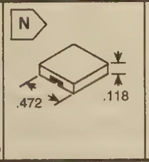
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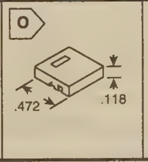
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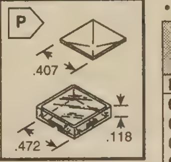
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- Contact rating: Silver - 5A @ 125/250VAC, 30VDC
  Gold - 0.5VA max. @ 28V AC/DC
- Size: .600" square for PC, .701" square for solder
- Operating force: single pole - 160 grams, double pole - 260 grams
- Cap sold separately
- Housing is black
- Total height above PCB: .492"
- LED included with the switch

( ) = Momentary

MOUSER STOCK NO.	Fig.	NKK Part Number	Poles	Circuit	LED	Termination Material	Price Each		
							1	10	100
PC Mount, Illuminated									
633-UB15G03C	L	UB15SKG03C	1	ON-(ON)	Red	PC-Gold	6.45	6.13	5.81
633-UB15G03F	L	UB15SKG03F	1	ON-(ON)	Green	PC-Gold	6.45	6.13	5.81
633-UB15W03C	L	UB15SKW03C	1	ON-(ON)	Red	PC-Silver	6.05	5.75	5.45
633-UB15W03F	L	UB15SKW03F	1	ON-(ON)	Green	PC-Silver	6.05	5.75	5.45
633-UB16G03C	L	UB16SKG03C	1	ON-ON	Red	PC-Gold	7.15	6.79	6.44
633-UB16G03F	L	UB16SKG03F	1	ON-ON	Green	PC-Gold	7.15	6.79	6.44
633-UB16W03C	L	UB16SKW03C	1	ON-ON	Red	PC-Silver	6.75	6.41	6.08
633-UB16W03F	L	UB16SKW03F	1	ON-ON	Green	PC-Silver	6.75	6.41	6.08
633-UB25W03C	L	UB25SKW03C	2	ON-(ON)	Red	PC-Silver	8.00	7.60	7.20
633-UB25W03F	L	UB25SKW03F	2	ON-(ON)	Green	PC-Silver	8.00	7.60	7.20
633-UB26W03C	L	UB26SKW03C	2	ON-ON	Red	PC-Silver	8.50	8.08	7.65
633-UB26W03F	L	UB26SKW03F	2	ON-ON	Green	PC-Silver	8.50	8.08	7.65
Snap-In Mount, Illuminated									
633-UB15G01C	M	UB15KKG01C	1	ON-(ON)	Red	Solder-Gold	7.13	6.77	6.42
633-UB15G01F	M	UB15KKG01F	1	ON-(ON)	Green	Solder-Gold	7.13	6.77	6.42
633-UB15W01C	M	UB15KKW01C	1	ON-(ON)	Red	Solder-Silver	6.73	6.39	6.06
633-UB15W01F	M	UB15KKW01F	1	ON-(ON)	Green	Solder-Silver	6.73	6.39	6.06
633-UB16G01C	M	UB16KKG01C	1	ON-ON	Red	Solder-Gold	7.83	7.44	7.05
633-UB16G01F	M	UB16KKG01F	1	ON-ON	Green	Solder-Gold	7.83	7.44	7.05
633-UB16W01C	M	UB16KKW01C	1	ON-ON	Red	Solder-Silver	7.43	7.06	6.69
633-UB16W01F	M	UB16KKW01F	1	ON-ON	Green	Solder-Silver	7.43	7.06	6.69
Cap and Diffuser Combinations for Above Switches									
633-AT40745JB	P	AT40745JB		Clear cap	- - -	White diffuser	.48	.46	.43
633-AT40745JC	P	AT40745JC		Clear cap	- - -	Red diffuser	.48	.46	.43
633-AT40745JF	P	AT40745JF		Clear cap	- - -	Green diffuser	.48	.46	.43
633-AT40745CC	P	AT40745CC		Red cap	- - -	Red diffuser	.48	.46	.43
633-AT40745CB	P	AT40745CB		Red cap	- - -	White diffuser	.48	.46	.43
633-AT40745FF	P	AT40745FF		Green cap	- - -	Green diffuser	.48	.46	.43
633-AT40745FB	P	AT40745FB		Green cap	- - -	White diffuser	.48	.46	.43
Black Cap with Clear Window for Spot Illumination									
633-AT4119	O	AT4119	Use with red or green LED				1.60	1.52	1.44

UB SERIES: PUSHBUTTON SWITCHES NON-ILLUMINATED

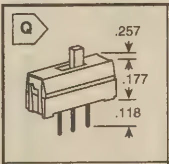
- Caps sold separately

( ) = Momentary

MOUSER STOCK NO.	Fig.	NKK Part Number	Poles	Circuit	Termination Material	Price Each		
						1	10	100
PC Mount, Non-Illuminated								
633-UB15G03N	L	UB15SKG03N	1	ON-(ON)	PC-Gold	5.15	4.89	4.64
633-UB15W03N	L	UB15SKW03N	1	ON-(ON)	PC-Silver	4.75	4.51	4.28
633-UB16G03N	L	UB16SKG03N	1	ON-ON	PC-Gold	5.85	5.56	5.27
633-UB16W03N	L	UB16SKW03N	1	ON-ON	PC-Silver	5.45	5.18	4.91
633-UB25W03N	L	UB25SKW03N	1	ON-(ON)	PC-Silver	6.70	6.37	6.03
633-UB26W03N	L	UB26SKW03N	1	ON-ON	PC-Silver	7.20	6.84	6.48
Snap-In Mount, Non-Illuminated								
633-UB15G01N	M	UB15KKG01N	1	ON-(ON)	Solder-Gold	5.83	5.54	5.25
633-UB15W01N	M	UB15KKW01N	1	ON-(ON)	Solder-Silver	5.43	5.16	4.89
633-UB16G01N	M	UB16KKG01N	1	ON-ON	Solder-Gold	6.53	6.20	5.88
633-UB16W01N	M	UB16KKW01N	1	ON-ON	Solder-Silver	6.13	5.82	5.52
Solid Cap for Non-Illuminated Switches								
633-AT4073B	N	AT4073B	White			.26	.25	.23
633-AT4073C	N	AT4073C	Red			.26	.25	.23
633-AT4073E	N	AT4073E	Yellow			.26	.25	.23
633-AT4073F	N	AT4073F	Green			.26	.25	.23

SS SERIES: SLIDE SWITCHES

- Contact rating: .1A @ 30VDC
- Micro-subminiature size
- Shorting contacts
- Ultra reliable STC contacts
- .100 terminal spacing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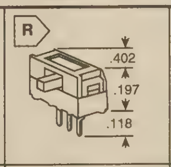
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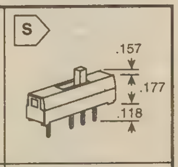
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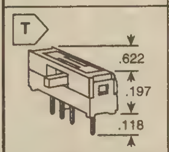
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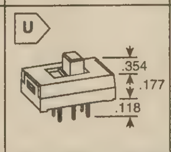
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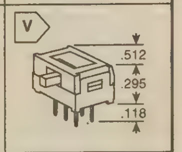
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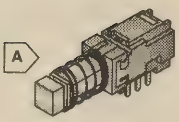
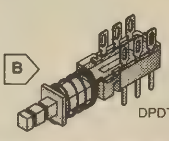
MOUSER STOCK NO.	Fig.	NKK Part No.	Poles	Circuit	Actuation	Price Each			
						1	10	100	500
633-SS12SDP2	Q	SS12SDP2	1	ON-NONE-ON	Top	1.35	1.16	1.00	.84
633-SS12SDH2	R	SS12SDH2	1	ON-NONE-ON	Side	1.35	1.16	1.00	.84
633-SS14SDP2	S	SS14SDP2	1	ON-ON-ON	Top	1.70	1.46	1.26	1.05
633-SS14SDH2	T	SS14SDH2	1	ON-ON-ON	Side	1.70	1.46	1.26	1.05
633-SS22SDP2	U	SS22SDP2	2	ON-NONE-ON	Top	1.60	1.38	1.18	.99
633-SS22SDH2	V	SS22SDH2	2	ON-NONE-ON	Side	1.60	1.38	1.18	.99

E-SWITCH® Pushbutton and Tactile Switches

MTH/TA SERIES PUSHBUTTON SWITCHES





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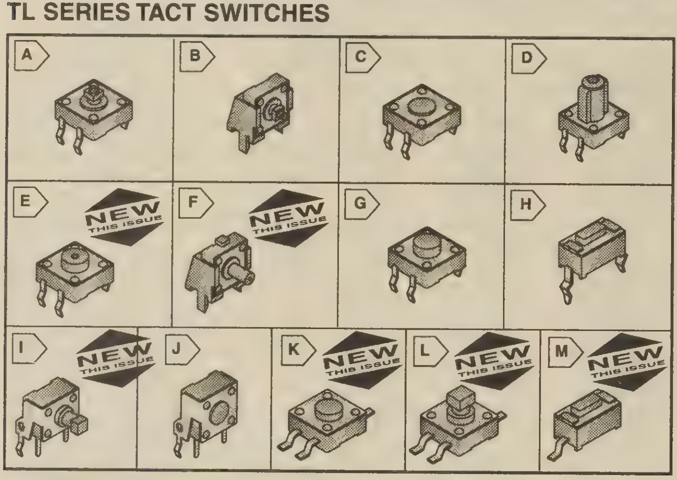
Caps sold separately.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Manufacturer's Part Number	Type	Cont. Plating	Action	Price Each			
						1	10	50	100
612-MTH21	A	MTH2UOANAG	DPDT	Silver	Momen.	1.00	.92	.75	.60
612-MTH22	A	MTH2UEENAG	DPDT	Silver	Latching	1.10	1.01	.83	.66
612-TA211	B	TA2UOAAAGPN	DPDT	Silver	Momen.	1.48	1.32	1.05	.80
612-TA212	B	TA2UOAAAUPN	DPDT	Gold	Momen.	3.41	3.03	2.42	1.84
612-TA221	B	TA2UEEAAGPN	DPDT	Silver	Latching	1.60	1.42	1.14	.86
612-TA222	B	TA2UEEAAUPN	DPDT	Gold	Latching	3.55	3.16	2.52	1.92
612-TA411	B	TA4UOAAAGPN	4PDT	Silver	Momen.	1.85	1.65	1.31	1.00
612-TA421	B	TA4UEEAAGPN	4PDT	Silver	Latching	1.97	1.75	1.40	1.06
612-TA422	B	TA4UEEAAUPN	4PDT	Gold	Latching	5.64	5.02	4.00	3.05

TL SERIES TACT SWITCHES



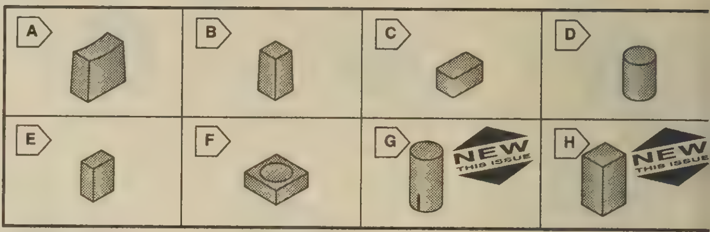
- Contact rating: 50mB @12VDC
- Contct resistance: 10m max.
- Contact form: SPST
- Contact material: silver

✻ With ground terminal

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Height w/ Actuator (mm)	Operating Force	Price Each			
				1	10	50	100
6 x 3.5mm - Thru-hole							
612-TL1107	H	4.3	180 g	.42	.40	.35	.31
612-TL1107-260	H	4.3	260 g	.42	.40	.35	.31
6 X 3.5mm - SMT Gull Wing							
612-TL3302A	M	4.3	180 g	.77	.72	.62	.54
612-TL3302A-260	M	4.3	260 g	.77	.72	.62	.54
6mm - Thru-hole							
✻ 612-TL1105	G	4.3	160 g	.25	.23	.21	.18
612-TL1105-250	G	4.3	250 g	.25	.23	.21	.18
612-TLE1105	G	4.3	160 g	.28	.25	.24	.21
612-TL1105A	G	5	160 g	.25	.23	.21	.18
612-TL1105AF250	G	5	250 g	.25	.23	.21	.18
✻ 612-TLE1105A	G	5	160 g	.28	.25	.24	.21
612-TL1105B	G	9.5	160 g	.25	.23	.21	.18
612-TL1105BF250	G	9.5	250 g	.25	.23	.21	.18
✻ 612-TLE1105B	G	9.5	160 g	.30	.28	.26	.23
612-TL1105D	G	13	160 g	.25	.23	.21	.18
612-TL1105D-250	G	13	250 g	.25	.23	.21	.18
612-TL1105E	G	7.3	160 g	.25	.23	.21	.18
612-TL1105E-250	G	7.3	250 g	.25	.23	.21	.18
612-TL1105SP	A	7.5	160 g	.25	.23	.21	.18
612-TL1105SP-250	A	7.5	250 g	.25	.23	.21	.18
6mm - Right Angle Thru-hole							
612-TL1105JB	I	6.8	160 g	.57	.55	.45	.38
612-TL1105JB-250	I	6.8	250 g	.57	.55	.45	.38
612-TL1105R	J	6.15	160 g	.42	.40	.35	.31
612-TL1105R-250	J	6.15	250 g	.42	.40	.35	.31
612-TL1105S	J	8.35	160 g	.42	.40	.35	.31
612-TL1105S-250	J	8.35	250 g	.42	.40	.35	.31
612-TL1105W	J	3.15	160 g	.42	.40	.35	.31
612-TL1105W-250	J	3.15	250 g	.42	.40	.35	.31
6mm - SMT Gull Wing							
612-TL3301SP	L	7.5	160 g	.54	.52	.43	.36
612-TL3301SP-260	L	7.5	250 g	.54	.52	.43	.36
612-TL3301N	K	4.3	160 g	.54	.52	.43	.36
612-TL3301N-260	K	4.3	250 g	.54	.52	.43	.36
12mm - Thru-hole							
611-TL1100	B	7.3	160 g	.42	.40	.35	.31
612-TL1100C	B	6.45	160 g	.42	.40	.35	.31
612-TL1100D	C	4.3	160 g	.49	.46	.41	.35
612-TL1100F	D	12	160 g	.42	.40	.35	.31
612-TL1100E	E	7.5	160 g	.42	.40	.35	.31
612-TL1100G	F	11.2	160 g	.80	.75	.65	.57

CAPS FOR PUSHBUTTON AND TACT SWITCHES



For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Color	Fits Series	Price Each			
				1	10	50	100
612-1C-BK	A	Black	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1C-RD	A	Red	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1C-GR	A	Gray	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1C-BLU	A	Blue	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1C-WHT	A	White	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1D-BK	B	Black	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1D-RD	B	Red	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1D-GR	B	Gray	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1D-BLU	B	Blue	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1D-WHT	B	White	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1R-BLK	G	Black	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1R-RED	G	Red	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1R-WHT	G	White	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1S-RED	H	Red	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1S-BLK	H	Black	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-1S-WHT	H	White	MTH, TL1105SP, TL3301SP, TL1105JA	.22	.20	.16	.13
612-TAA-BK	C	Black	TA, TL1100F	.40	.35	.28	.21
612-TAA-WH	C	White	TA, TL1100F	.40	.35	.28	.21
612-TAA-RD	C	Red	TA, TL1100F	.40	.35	.28	.21
612-TAA-GY	C	Grey	TA, TL1100F	.40	.35	.28	.21
612-TAG-WH	D	White	TA	.30	.28	.25	.20
612-TAG-BK	D	Black	TA	.30	.28	.25	.20
612-TAG-RD	D	Red	TA	.30	.28	.25	.20
612-TAG-GY	D	Gray	TA	.30	.28	.25	.20
612-TAG-CH	D	Chrome	TA	.30	.28	.25	.20
612-TAC-BK	E	Black	TA	.30	.28	.25	.20
612-TAC-WH	E	White	TA	.30	.28	.25	.20
612-TAC-RD	E	Red	TA	.30	.28	.25	.20
612-TAC-GR	E	Gray	TA	.30	.28	.25	.20
612-4J-BK	F	Black	TL1100	.20	.18	.16	.13
612-4J-WH	F	White	TL1100	.20	.18	.16	.13
612-4J-RD	F	Red	TL1100	.20	.18	.16	.13
612-4J-GR	F	Gray	TL1100	.20	.18	.16	.13

5500 SERIES ILLUMINATED PUSHBUTTONS

Miniature, momentary function input switches are designed for use with dual-in-line package circuits. They feature a crisp, tactile feel and are available in several colors.

Specifications:

- Voltage rating: 24V
- Current rating: 12mA
- Test volt. cont-cont: 150V
- Power rating: 240mW
- Continuous current rating: 120mA
- Insulation resistance: >100MΩ
- Contact resistance: <50mΩ
- Compacitance cont-cont: <0.5pF
- Contact configuration: SPDT

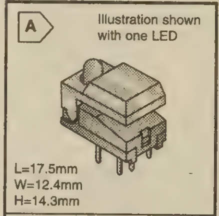
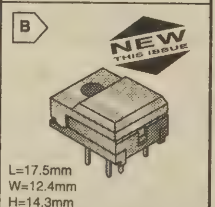
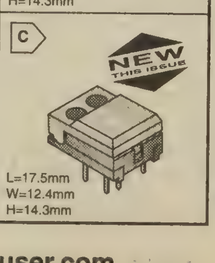


Illustration shown with one LED

L=17.5mm
W=12.4mm
H=14.3mm



L=17.5mm
W=12.4mm
H=14.3mm



L=17.5mm
W=12.4mm
H=14.3mm

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Color		Price Each			
		Cap	LED(s)	1	10	50	100
5501 - Small Cap							
612-5501M1X	A	Black	None	3.86	3.64	3.10	2.82
612-5501M2X	A	Gray	None	3.86	3.64	3.10	2.82
612-5501M5X	A	Red	None	3.86	3.64	3.10	2.82
612-5501M8X	A	White	None	3.86	3.64	3.10	2.82
612-5501M11	B	Black	Red	5.06	4.76	4.26	3.83
612-5501M12	B	Gray	Red	5.06	4.76	4.26	3.83
612-5501M21	B	Red	Red	5.06	4.76	4.26	3.83
612-5501M22	B	White	Red	5.06	4.76	4.26	3.83
612-5501M51	B	Black	Green	5.06	4.76	4.26	3.83
612-5501M52	B	Gray	Green	5.06	4.76	4.26	3.83
612-5501M81	B	Red	Green	5.06	4.76	4.26	3.83
612-5501M82	B	White	Green	5.06	4.76	4.26	3.83
612-5501M1-12	C	Black	Red/Grn	5.54	5.24	4.93	4.18
612-5501M2-12	C	Gray	Red/Grn	5.54	5.24	4.93	4.18
5511 - Large Cap							
612-5511M1X	A	Black	None	3.86	3.64	3.10	2.82
612-5511M2X	A	Gray	None	3.86	3.64	3.10	2.82
612-5511M5X	A	Red	None	3.86	3.64	3.10	2.82
612-5511M8X	A	White	None	3.86	3.64	3.10	2.82
612-5511M11	B	Black	Red	5.06	4.76	4.26	3.83
612-5511M12	B	Gray	Red	5.06	4.76	4.26	3.83
612-5511M21	B	Red	Red	5.06	4.76	4.26	3.83
612-5511M22	B	White	Red	5.06	4.76	4.26	3.83
612-5511M51	B	Black	Green	5.06	4.76	4.26	3.83
612-5511M52	B	Gray	Green	5.06	4.76	4.26	3.83
612-5511M81	B	Red	Green	5.06	4.76	4.26	3.83
612-5511M82	B	White	Green	5.06	4.76	4.26	3.83
612-5511M1-12	C	Black	Red/Grn	5.54	5.24	4.93	4.18
612-5511M2-12	C	Gray	Red/Grn	5.54	5.24	4.93	4.18

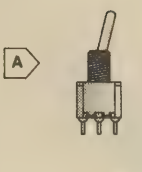
E-SWITCH® Toggle Switches

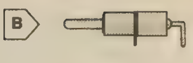
pecifications for 100 & 100A Series:

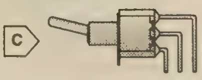
- Contact resistance: 10mΩ max. initial @ 2-4VDC 100mA for both silver and gold plated contacts.
- Insulation resistance: 1,000MΩ min.
- Dielectric strength: 1,000VRMS @ sea level
- Operating temperature: -30°c to 85°C

Specifications for 200 & 200A Series:

- Contact resistance: 20mΩ max. initial @ 2-4VDC 100mA for both silver and gold plated contacts.
- Insulation resistance: 1,000MΩ min.
- Dielectric strength: 1,000VRMS @ sea level
- Operating temperature: -30°c to 85°C







iniature Toggle Switches, 100 Series (Metal Bushing)

( ) = Momentary   For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Manufacturer's Part Number	Type	Circuit	Options			Contact Material Options	Price Each			
					Actuator	Bush.	Term.		1	10	50	100
612-100-A1111	A	100SP1T1B1M1QE	SPDT	On-On	T1	B1	M1	Q	3.12	2.87	2.34	1.87
612-100-A1121	A	100SP1T1B1M2QE	SPDT	On-On	T1	B1	M2	Q	3.12	2.87	2.34	1.87
612-100-A1421	A	100SP1T1B4M2QE	SPDT	On-On	T1	B4	M2	Q	3.12	2.87	2.34	1.87
612-100-A2111	A	100SP1T2B1M1QE	SPDT	On-On	T2	B1	M1	Q	3.12	2.87	2.34	1.87
612-100-A2311	A	100SP1T2B3M1QE	SPDT	On-On	T2	B3	M1	Q	3.12	2.87	2.34	1.87
612-100-A2321	A	100SP1T2B3M2QE	SPDT	On-On	T2	B3	M2	Q	3.12	2.87	2.34	1.87
612-100-A2461	B	100SP1T2B4M6QE	SPDT	On-On	T2	B4	M6	Q	4.29	3.95	3.22	2.57
612-100-A6111	A	100SP1T6B11M1QE	SPDT	On-On	T6	B11	M1	Q	4.29	3.95	3.22	2.57
612-100-A6121	A	100SP1T6B11M2QE	SPDT	On-On	T6	B11	M2	Q	4.29	3.95	3.22	2.57
612-100-A1112	A	100SP1T1B1M1RE	SPDT	On-On	T1	B1	M1	R	3.39	3.12	2.54	2.03
612-100-A1122	A	100SP1T1B1M2RE	SPDT	On-On	T1	B1	M2	R	3.39	3.12	2.54	2.03
612-100-A1462	B	100SP1T1B4M6RE	SPDT	On-On	T1	B4	M6	R	4.56	4.20	3.42	2.74
612-100-A2462	B	100SP1T2B4M6RE	SPDT	On-On	T2	B4	M6	R	4.56	4.20	3.42	2.74
612-100-A2472	C	100SP1T2B4M7RE	SPDT	On-On	T2	B4	M7	R	4.88	4.49	3.66	2.93
612-100-A6112	A	100SP1T6B11M1RE	SPDT	On-On	T6	B11	M1	R	4.56	4.20	3.42	2.74
612-100-A6461	B	100SP1T6B12M6RE	SPDT	On-On	T6	B12	M6	R	5.72	5.26	4.29	3.43
612-100-A1482	A	100SP1T1B4VS2RE	SPDT	On-On	T1	B4	VS2	R	4.59	4.22	3.44	2.75
612-100-B1111	A	100SP2T1B1M1QE	SPDT	On-(On)	T1	B1	M1	Q	3.35	3.08	2.51	2.01
612-100-C1111	A	100SP3T1B1M1QE	SPDT	On-Off-On	T1	B1	M1	Q	3.51	3.23	2.63	2.11
612-100-C1112	A	100SP3T1B1M1RE	SPDT	On-Off-On	T1	B1	M1	R	3.78	3.48	2.84	2.27
612-100-C1121	A	100SP3T1B1M2QE	SPDT	On-Off-On	T1	B1	M2	Q	3.51	3.23	2.63	2.11
612-100-C1462	B	100SP3T1B4M6RE	SPDT	On-Off-On	T1	B4	M6	R	4.94	4.54	3.71	2.96
612-100-C2462	B	100SP3T2B4M6RE	SPDT	On-Off-On	T2	B4	M6	R	4.94	4.54	3.71	2.96
612-100-C6111	A	100SP3T6B11M1QE	SPDT	On-Off-On	T6	B11	M1	Q	4.68	4.31	3.51	2.81
612-100-D1111	A	100SP4T1B1M1QE	SPDT	(On)-Off-(On)	T1	B1	M1	Q	3.98	3.66	2.99	2.39
612-100-D1121	A	100SP4T1B1M2QE	SPDT	(On)-Off-(On)	T1	B1	M2	Q	3.98	3.66	2.99	2.39
612-100-D6121	A	100SP4T6B11M2QE	SPDT	(On)-Off-(On)	T6	B11	M2	Q	5.15	4.74	3.86	3.09
612-100-E1111	A	100SP5T1B1M1QE	SPDT	On-Off-(On)	T1	B1	M1	Q	4.21	3.87	3.16	2.53
612-100-E1121	A	100SP5T1B1M2QE	SPDT	On-Off-(On)	T1	B1	M2	Q	4.21	3.87	3.16	2.53
612-100-E2462	B	100SP5T2B4M6RE	SPDT	On-Off-(On)	T2	B4	M6	R	5.65	5.20	4.24	3.39
612-100-L1111	A	100DP6T1B1M1QE	DP3T	On-On-On	T1	B1	M1	Q	6.28	5.78	4.71	3.77
612-100-F1111	A	100DP1T1B11M1QE	DPDT	On-On	T1	B11	M1	Q	4.17	3.84	3.13	2.50
612-100-F1112	A	100DP1T1B11M1RE	DPDT	On-On	T1	B11	M1	R	4.60	4.23	3.45	2.76
612-100-F1121	A	100DP1T1B1M2QE	DPDT	On-On	T1	B1	M2	Q	4.17	3.84	3.13	2.50
612-100-F1122	A	100DP1T1B1M2RE	DPDT	On-On	T1	B1	M2	R	4.60	4.23	3.45	2.76
612-100-F2311	A	100DP1T2B3M1QE	DPDT	On-On	T2	B3	M1	Q	4.17	3.84	3.13	2.50
612-100-F6111	A	100DP1T6B11M1QE	DPDT	On-On	T6	B11	M1	Q	5.34	4.91	4.01	3.20
612-100-F6112	A	100DP1T6B11M1RE	DPDT	On-On	T6	B11	M1	R	5.77	5.31	4.33	3.46
612-100-F2461	B	100DP1T2B4M6QE	DPDT	On-On	T2	B4	M6	Q	5.41	4.98	4.06	3.25
612-100-F2462	B	100DP1T2B4M6RE	DPDT	On-On	T2	B4	M6	R	5.84	5.37	4.38	3.50
612-100-H1111	A	100DP3T1B1M1QE	DPDT	On-Off-On	T1	B1	M1	Q	4.88	4.49	3.66	2.93
612-100-H1121	A	100DP3T1B1M2QE	DPDT	On-Off-On	T1	B1	M2	Q	4.88	4.49	3.66	2.93
612-100-M1111	A	1003P1T1B1M1QE	3PDT	On-On	T1	B1	M1	Q	8.58	7.89	6.44	5.15
612-100-M1121	A	1003P1T1B1M2QE	3PDT	On-On	T1	B1	M2	Q	8.58	7.89	6.44	5.15
612-100-U1111	A	1004P1T1B1M1QE	4PDT	On-On	T1	B1	M1	Q	12.17	11.20	9.13	7.30

Sealed Miniature Toggle Switches, 100A Series (Plastic Bushing)

( ) = Momentary   For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Manufacturer's Part Number	Type	Circuit	Options			Contact Material Options	Price Each			
					Actuator	Bush.	Term.		1	10	50	100
612-100A-A1422	A	100AWSP1T1B4M2R	SPDT	On-On	T1	B4	M2	R	4.17	3.84	3.13	2.50
612-100A-A1462	B	100AWSP1T1B4M6R	SPDT	On-On	T1	B4	M6	R	5.61	5.16	4.21	3.37
612-100A-A2462	B	100AWSP1T2B4M6R	SPDT	On-On	T2	B4	M6	R	5.61	5.16	4.21	3.37
612-100A-A2472	C	100AWSP1T2B4M7R	SPDT	On-On	T2	B4	M7	R	5.98	5.50	4.49	3.59
612-100A-C1422	A	100AWSP3T1B4M2R	SPDT	On-Off-On	T1	B4	M2	R	4.56	4.20	3.42	2.74
612-100A-C2472	C	100AWSP3T2B4M7R	SPDT	On-Off-On	T2	B4	M7	R	6.37	5.86	4.78	3.82
612-100A-D1422	A	100AWSP4T1B4M2R	SPDT	(On)-Off-(On)	T1	B4	M2	R	5.11	4.70	3.83	3.07
612-100A-D2412	A	100AWSP4T2B4M1R	SPDT	(On)-Off-(On)	T2	B4	M1	R	5.11	4.70	3.83	3.07
612-100A-D2462	B	100AWSP4T2B4M6R	SPDT	(On)-Off-(On)	T2	B4	M6	R	6.55	6.03	4.91	3.93
612-100A-D2472	C	100AWSP4T2B4M7R	SPDT	(On)-Off-(On)	T2	B4	M7	R	6.92	6.37	5.19	4.15
612-100A-F1422	A	100AWDP1T1B4M2R	DPDT	On-On	T1	B4	M2	R	4.84	4.45	3.63	2.90

Sub-Miniature Toggle Switches, 200 Series

( ) = Momentary   For quantities greater than listed, call for quote.

612-200-A1111	A	200MSP1T1B1M1QE	SPDT	On-On	T1	B1	M1	Q	3.16	2.91	2.37	1.90
612-200-A1121	A	200MSP1T1B1M2QE	SPDT	On-On	T1	B1	M2	Q	3.16	2.91	2.37	1.90
612-200-A2262	B	200MSP1T2B2M6RE	SPDT	On-On	T2	B2	M6	R	4.61	4.24	3.46	2.77
612-200-A2272	C	200MSP1T2B2M7RE	SPDT	On-On	T2	B2	M7	R	5.10	4.69	3.83	3.06
612-200-C1111	A	200MSP3T1B1M1QE	SPDT	On-Off-On	T1	B1	M1	Q	4.25	3.91	3.19	2.55
612-200-C1121	A	200MSP3T1B1M2QE	SPDT	On-Off-On	T1	B1	M2	Q	4.25	3.91	3.19	2.55
612-200-C2262	B	200MSP3T2B2M6RE	SPDT	On-Off-On	T2	B2	M6	R	5.80	5.34	4.35	3.48
612-200-F1111	A	200MDP1T1B1M1QE	DPDT	On-On	T1	B1	M1	Q	4.45	4.09	3.34	2.67
612-200-F2262	B	200MDP1T2B2M6RE	DPDT	On-On	T2	B2	M6	R	6.14	5.65	4.61	3.68
612-200-H1111	A	200MDP3T1B1M1QE	DPDT	On-Off-On	T1	B1	M1	Q	5.23	4.81	3.92	3.14

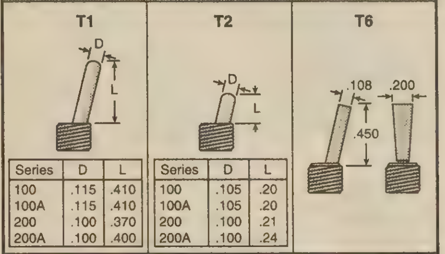
Sealed Sub-Miniature Toggle Switches, 200A Series

( ) = Momentary   For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Manufacturer's Part Number	Type	Circuit	Options			Contact Material Options	Price Each			
					Actuator	Bush.	Term.		1	10	50	100
612-200A-A1122	A	200AWMSP1T1A1M2R	SPDT	On-On	T1	A1	M2	R	3.98	3.66	2.99	2.39
612-200A-A2182	A	200AWMSP1T2A1VS2R	SPDT	On-On	T2	A1	VS2	R	4.22	3.88	3.17	2.53
612-200A-C1122	A	200AWMSP2T1A1M2R	SPDT	On-(On)	T1	A1	M2	R	5.08	4.67	3.81	3.05
612-200A-B1122	A	200AWMSP3T1A1M2R	SPDT	On-Off-On	T1	A1	M2	R	4.14	3.81	3.11	2.48
612-200A-A2162	B	200AWMSP1T2A1M6R	SPDT	On-On	T2	A1	M6	R	5.43	5.00	4.07	3.26
612-200A-C2162	B	200AWMSP2T2A1M6R	SPDT	On-Off-On	T2	A1	M6	R	6.53	6.01	4.90	3.92
612-200A-B2162	B	200AWMSP3T2A1M6R	SPDT	On-(On)	T2	A1	M6	R	5.59	5.14	4.19	3.35

DIMENSIONS (IN.)

Actuator Options



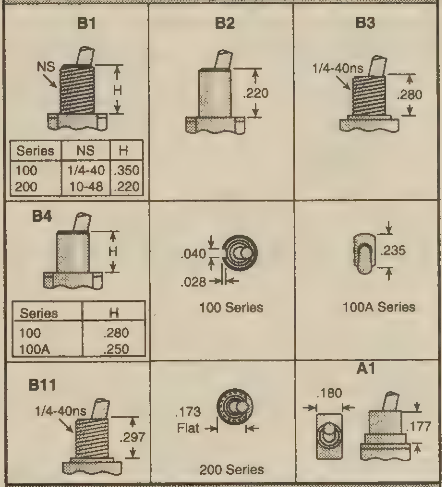
T1

Series	D	L
100	.115	.410
100A	.115	.410
200	.100	.370
200A	.100	.400

T2

Series	D	L
100	.105	.20
100A	.105	.20
200	.100	.21
200A	.100	.24

Bushing Options



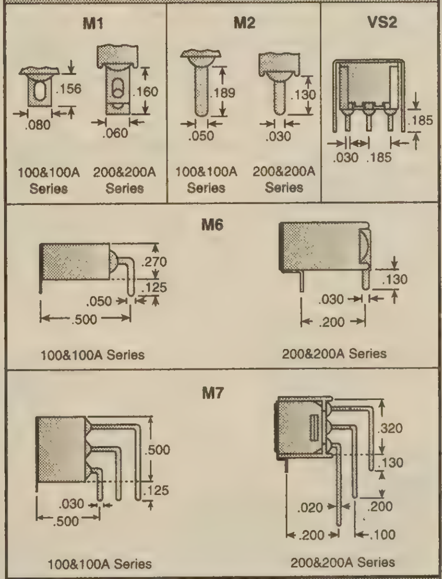
B1

Series	NS	H
100	1/4-40	.350
200	10-48	.220

B4

Series	H
100	.280
100A	.250

Termination Options

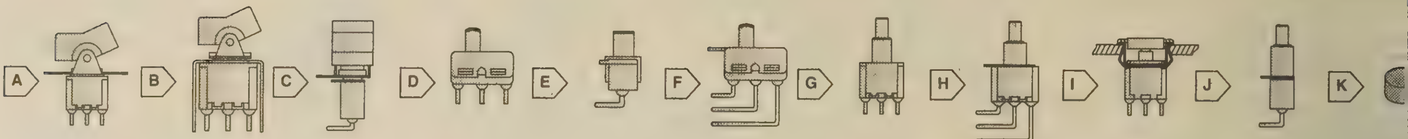


Contact Material Options

Q - Fixed terminal and moving contact: silver plated over copper alloy
Contact rating: 5A with resistive load @ 120VAC or 28VDC, 2A with resistive load @ 250VAC

R - Fixed terminal and moving contact: copper alloy with gold plate over nickel plate
Contact rating: 0.4VA max. @ 20V max. (AC or DC)

E-SWITCH® Rocker, Slide, and Pushbutton Switches



ROCKER, SLIDE, AND PUSHBUTTON SWITCHES

Specifications for 300 & 700 Series:
- Contact resistance: 10mΩ max. initial @ 2-4VCD 100mA for both silver and gold plated contacts
- Insulation resistance: 1,000MΩ min.
- Dielectric strength: 1,000VRMS @ sea level
- Operating temperature: -30°C to 85°C

Specifications 500 Series:
- Contact resistance: 10mΩ max. initially
- Insulation resistance: 1,000MΩ min.
- Dielectric strength: 1,000VRMS @ sea level
- Operating temperature: -30°C to 85°C

Specifications for 800 & 800A Series:
- Contact resistance: 20mΩ max. initial @ 2-4VCD 100mA for both silver and gold plated contacts
- Insulation resistance: 1,000MΩ min.
- Dielectric strength: 1,000VRMS @ sea level
- Operating temperature: -30°C to 85°C

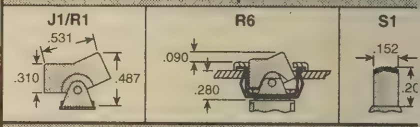
( ) = Momentary

For quantities greater than listed, call for quote.

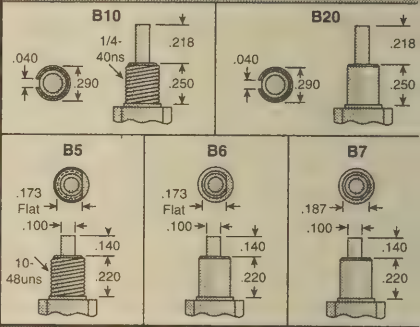
MOUSER STOCK NO.	Fig.	Manufacturer's Part Number	Type	Circuit	Options			Contact Material Options	Price Each			
					Actuator	Bush.	Term.		1	10	50	100
Miniature Rocker Switches, 300 Series												
612-300-A611	A	300SP1R6M1QE	SPDT	On-On	R6	- - -	M1	Q	5.69	5.23	4.27	3.41
612-300-A111	A	300SP1R1M1QE	SPDT	On-On	R1	- - -	M1	Q	4.52	4.16	3.39	2.71
612-300-C111	A	300SP3R1M1QE	SPDT	On-Off-On	R1	- - -	M1	Q	4.92	4.53	3.69	2.95
612-300-C192	B	300SP3J1VS3RE	SPDT	On-Off-On	J1	- - -	VS3	R	7.37	6.78	5.53	4.42
612-300-A162	C	300SP1J1M6RE	SPDT	On-On	J1	- - -	M6	R	4.92	4.53	3.69	2.95
612-300-A161	C	300SP1J1M6QE	SPDT	On-On	J1	- - -	M6	Q	4.64	4.27	3.48	2.78
612-300-F111	A	300DP1R1M1QE	DPDT	On-On	R1	- - -	M1	Q	5.35	4.92	4.01	3.21
612-300-F161	C	300DP1J1M6QE	DPDT	On-On	J1	- - -	M6	Q	5.73	5.27	4.30	3.44
612-300-U111	A	3004P1R1M1QE	4PDT	On-On	R1	- - -	M1	Q	12.17	11.20	9.13	7.30
Slide Switches, 500 Series		* With mounting ears										
612-500-A121	D	500SSP1S1M2QEA	SPDT	On-On	S1	- - -	M2	Q	3.43	3.16	2.57	2.06
612-500-A122	D	500SSP1S1M2REA	SPDT	On-On	S1	- - -	M2	R	3.71	3.41	2.78	2.23
612-500-A161	E	500SSP1S1M6QEA	SPDT	On-On	S1	- - -	M6	Q	4.04	3.72	3.03	2.42
612-500-A162	E	500SSP1S1M6REA	SPDT	On-On	S1	- - -	M6	R	4.32	3.97	3.24	2.59
612-500-A171	F	500SSP1S1M7QEA	SPDT	On-On	S1	- - -	M7	Q	4.25	3.91	3.19	2.55
612-500-A172	F	500SSP1S1M7REA	SPDT	On-On	S1	- - -	M7	R	4.53	4.17	3.40	2.72
* 612-500-A1112	D	500SSP1S1M1QEB	SPDT	On-On	S1	- - -	M1	Q	3.43	3.16	2.57	2.06
612-500-B121	D	500SSP2S1M2QEA	SPDT	On-Off-On	S1	- - -	M2	Q	4.13	3.80	3.10	2.48
612-500-D121	D	500SDP1S1M2QEA	DPDT	On-On	S1	- - -	M2	Q	5.03	4.63	3.77	3.02
612-500-D122	D	500SDP1S1M2REA	DPDT	On-On	S1	- - -	M2	R	5.46	5.02	4.10	3.28
Snap-Acting Pushbutton Switches, 700 Series (caps sold separately below)												
612-700-B112	G	700SP7B10M1RE	SPDT	On-(On)	- - -	B10	M1	R	6.44	5.92	4.83	3.86
612-700-B122	G	700SP7B10M2RE	SPDT	On-(On)	- - -	B10	M2	R	6.44	5.92	4.83	3.86
612-700-B272	H	700SP7B20M7RE	SPDT	On-(On)	- - -	B20	M7	R	7.53	6.93	5.65	4.52
612-700-B292	G	700SP7B20VS2RE	SPDT	On-(On)	- - -	B20	VS2	R	7.69	7.07	5.77	4.61
612-700-B1222	I	700SP7M1REAP2	SPDT	On-(On)	- - -	- - -	M1	R	8.00	7.36	6.00	4.80
612-700-G112	G	700DP7B10M1RE	DPDT	On-(On)	- - -	B10	M1	R	8.27	7.61	6.20	4.96
612-700-G1222	I	700DP7M1REAP2	DPDT	On-(On)	- - -	- - -	M1	R	9.83	9.04	7.37	5.90
Sub-Miniature Pushbutton Switches, 800 Series (caps sold separately below)												
612-800-S511	G	800SP9B5M1QE	SPST	Off-(On)	- - -	B5	M1	Q	3.51	3.23	2.63	2.11
612-800-S622	G	800SP9B6M2RE	SPST	Off-(On)	- - -	B6	M2	R	3.69	3.39	2.77	2.21
612-800-S662	J	800SP9B6M6RE	SPST	Off-(On)	- - -	B6	M6	R	4.04	3.72	3.03	2.42
612-800-S762	J	800SP9B7M6RE	SPST	Off-(On)	- - -	B7	M6	R	5.21	4.79	3.91	3.13
612-800-B711	G	800SP8B7M1QE	SPDT	On-(On)	- - -	B7	M1	Q	6.05	5.57	4.54	3.63
612-800-B761	J	800SP8B7M6QE	SPDT	On-(On)	- - -	B7	M6	Q	6.40	5.89	4.80	3.84
612-800-B772	H	800SP8B7M7RE	SPDT	On-(On)	- - -	B7	M7	R	6.90	6.35	5.18	4.14
Sealed Sub-Miniature Pushbutton Switches, 800A Series												
612-800A-S22	G	800AWSP9M2RE	SPST	Off-(On)	- - -	- - -	M2	R	4.50	4.14	3.38	2.70
612-800A-S62	J	800AWSP9M6RE	SPST	Off-(On)	- - -	- - -	M6	R	4.81	4.43	3.61	2.89
612-800A-S72	H	800AWSP9M7RE	SPST	Off-(On)	- - -	- - -	M7	R	4.81	4.43	3.61	2.89

DIMENSIONS (IN

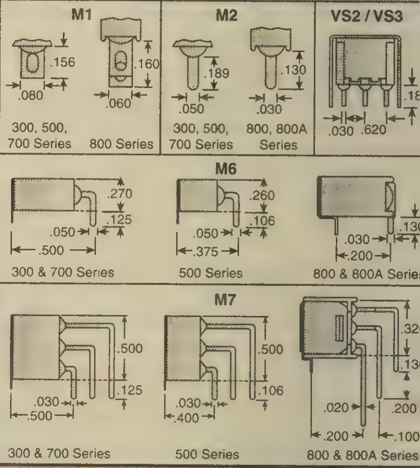
Actuator Options



Bushing Options



Termination Options



Contact Material Options

Q - Fixed terminal and moving contact: silver plated over copper alloy
Contact rating: 5A with resistive load @ 120VAC or 28VDC, 2A with resistive load @ 250VAC

R - Fixed terminal and moving contact: copper alloy with gold plate over nickel plate
Contact rating: 0.4VA max. @ 20V max. (AC or DC)

CAPS FOR PUSHBUTTON SWITCHES

For quantities greater than listed, call for quote.

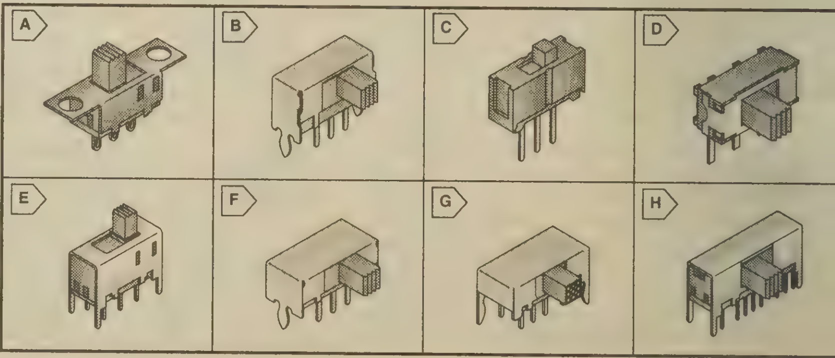
MOUSER STOCK NO.	Fig.	Color	Fits Series	Dimensions (In.)		Price Each			
				D	H	1	10	50	100
612-700-C2BK	K	Black	Snap-Acting Pushbutton Switches, 700 Series	.368	.244	.21	.19	.16	.13
612-700-C2RD	K	Red	Snap-Acting Pushbutton Switches, 700 Series	.368	.244	.21	.19	.16	.13
612-800-C2BK	K	Black	Sub-Miniature Pushbutton Switches, 800 Series	.310	.138	.21	.19	.16	.13
612-800-C2RD	K	Red	Sub-Miniature Pushbutton Switches, 800 Series	.310	.138	.21	.19	.16	.13

SLIDE SWITCHES

- Initial contact resistance: less than 20Ω min.
- Insulation resistance: 500VDC - 100MΩ min.
- Withstand voltage: 500VAC for 1 minute between any terminal and frame
- Operating temperature: -20°C to +70°C.
- Soldering: auto 270 ±5°C/3 seconds
  manual 350 ±10°C/3 seconds
- Life: 10,000 cycles min.
- Contact: silver plate

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Rating	Actuator Length (In.)	Price Each			
					1	10	50	100
612-EG1201	A	SPDT	30VDC, 0.2A	.158	.62	.57	.47	.37
612-EG1201A	A	SPDT	30VDC, 0.2A	.217	.62	.57	.47	.37
612-EG1213	B	SPDT	30VDC, 0.2A	.2	.62	.57	.47	.37
612-EG1218	C	SPDT	30VDC, 0.2A	.08	.62	.57	.47	.37
612-EG1270	D	SPDT	30VDC, 0.2A	.08	.78	.72	.59	.47
612-EG2201	E	DPDT	30VDC, 0.2A	.12	.86	.79	.64	.52
612-EG2201A	E	DPDT	30VDC, 0.2A	.236	.86	.79	.64	.52
612-EG2215	F	DPDT	30VDC, 0.2A	.137	.78	.72	.59	.47
612-EG2301	E	DP3T	30VDC, 0.2A	.12	.78	.72	.59	.47
612-EG2308	G	DP3T	12VDC, 0.1A	.158	.82	.75	.61	.49
612-EG2315	F	DP3T	30VDC, 0.2A	.137	.86	.79	.64	.52
612-EG4208	G	4P2T	30VDC, 0.2A	.158	1.40	1.29	1.05	.84
612-EG4319	H	4P3T	30VDC, 0.2A	.2	1.56	1.44	1.17	.94



Y2044 ERIC

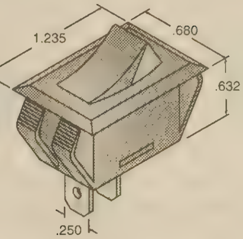
CW INDUSTRIES
An ISO 9001 Company

Rocker and Slide Switches

ndicON™ ROCKER SWITCHES

eatures:
- Two-color knob provides positive indication of switch position
- Economical alternative to expensive lighted switches

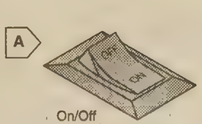
Specifications:
- Ratings: 16A @ 125VAC; 12A @ 250VAC
- Housing and knob material: nylon
- Terminal and contact material: copper



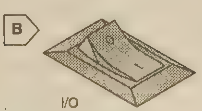
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mfr. Part Number	Circuit	Indicator Color	Panel Openings	Price Each			
						1	10	100	500
629-AA111B11	A	NAA-111-BI11-00	SPST	Red	1.125 x .550	.67	.62	.52	.49
629-AA211B11	A	NAA-211-BI11-00	SPST	Red	1.072 x .480	.67	.62	.52	.49
629-AA211B12	A	NAA-211-BI12-00	SPST	White	1.072 x .480	.67	.62	.52	.49
629-AA111B21	B	NAA-111-BI21-00	SPST	Red	1.125 x .550	.67	.62	.52	.49
629-AA111B31	C	NAA-111-BI31-00	SPST	Red	1.125 x .550	.62	.56	.51	.48
629-AA211B31	C	NAA-211-BI31-00	SPST	Red	1.072 x .480	.62	.56	.51	.48
629-BA111B31	C	NBA-111-BI31-00	SPDT	Red	1.125 x .550	.83	.75	.64	.59
629-BA211B31	C	NBA-211-BI31-00	SPDT	Red	1.072 x .480	.83	.75	.64	.59

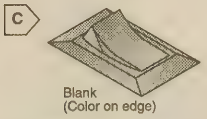
DIMENSIONS (IN.)



On/Off
Legend



I/O
Legend



Blank
(Color on edge)

STANDARD AND MINIATURE ROCKER SWITCHES

( ) = Momentary

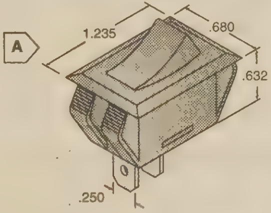
For quantities greater than listed, call for quote.

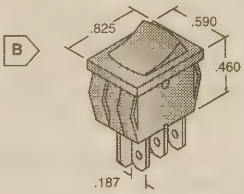
MOUSER STOCK NO.	Fig.	Mfr. Part Number	Circuit	Type	Rating		Price Each			
					Current	Voltage	1	10	100	500
Standard										
629-GRS201126	A	GRS-2011-2600	SPST	On-Off	16A	125VAC	.61	.55	.50	.47
629-GRS2011B2	A	GRS-2011B-2600	SPST	Off-(On)	13A	125VAC	.76	.70	.59	.55
629-GRS201226	A	GRS-2012-2600	SPDT	On-Off	16A	125VAC	.97	.88	.76	.70
629-GRS2013A26	A	GRS-2013A-2600	SPDT	On-Off-On	16A	125VAC	.97	.88	.76	.70
629-GRS2013C13	A	GRS-2013C-1300	SPDT	(On)-Off-(On)	13A	125VAC	1.01	.92	.78	.72
Miniature										
629-GRS401116	B	GRS-4011-1600	SPST	On-Off	16A	125VAC	.72	.65	.61	.56
629-GRS401140	B	GRS-4011-0040	SPST	On-Off	16A	125VAC	.72	.65	.61	.56
629-GRS401176	B	GRS-4011-0076	SPST	On-Off	16A	125VAC	.89	.81	.69	.64
629-GRS4011B13	B	GRS-4011B-1300	SPST	Off-(On)	13A	125VAC	.89	.81	.69	.64
629-GRS401216	B	GRS-4012-1600	SPDT	On-On	16A	125VAC	.83	.75	.64	.59
629-GRS401226	B	GRS-4012-0026	SPDT	On-On	16A	125VAC	.83	.75	.64	.59
629-GRS4013A13	B	GRS-4013A-1300	SPDT	On-Off-On	13A	125VAC	1.04	.95	.80	.74
629-GRS4013C01	B	GRS-4013C-0001	SPDT	(On)-Off-(On)	13A	125VAC	1.04	.95	.80	.74
629-GRS4021B	B	GRS-4021B-0000	DPST	Off-(On)	13A	125VAC	1.24	1.13	.96	.89
629-GRS402216	B	GRS-4022-1600	DPDT	On-On	16A	125VAC	1.21	1.11	.94	.87
629-GRS402210	B	GRS-4022-0010	DPDT	On-On	16A	125VAC	1.21	1.11	.94	.87
629-GRS402213	B	GRS-4022-0013	DPDT	On-On	16A	125VAC	1.30	1.18	1.00	.93
629-GRS4023A13	B	GRS-4023A-1300	DPDT	On-Off-On	13A	125VAC	1.39	1.27	1.07	.99
629-GRS4023C13	B	GRS-4023C-1300	DPDT	(On)-Off-(On)	13A	125VAC	1.41	1.28	1.08	1.00

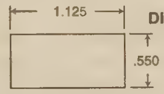
* Red knobs ** I/O knobs

Features:
- Crisp detent action
- Self cleaning contacts
- High current switching

Specifications:
- Contact resistance: < .01Ω @ 10mA
- Operating temperature: 105°C max.
- Dielectric withstand voltage: 2,500V, 60Hz for 1 minute
- Housing and knob material: nylon
- Terminal and contact material: copper

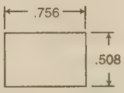




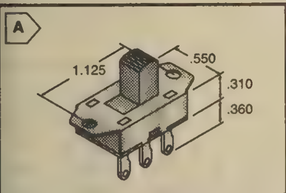


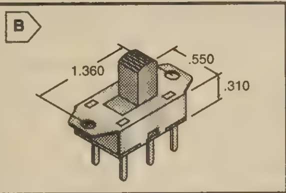
Panel Opening

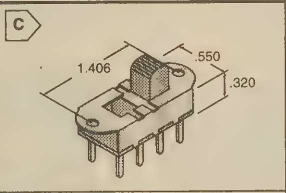
DIMENSIONS (IN.)

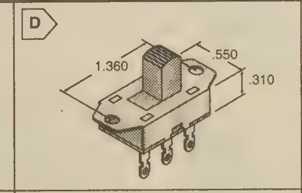


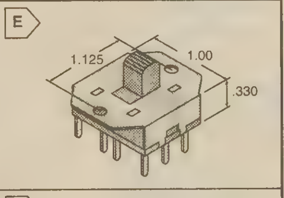
Panel Opening

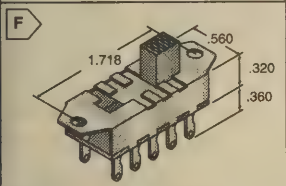


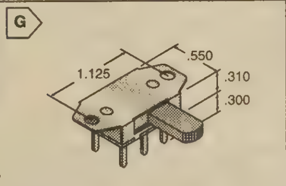


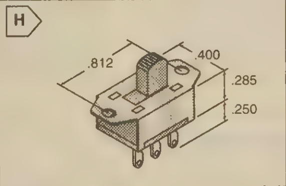


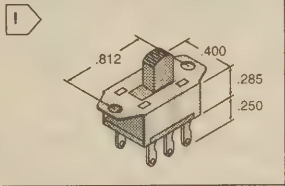


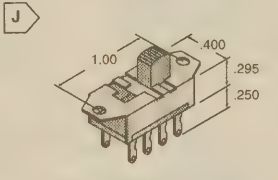


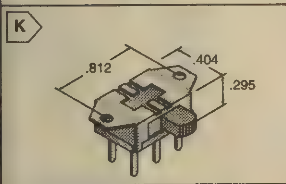


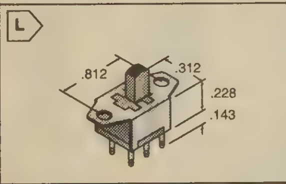


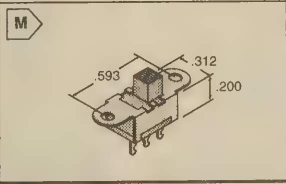


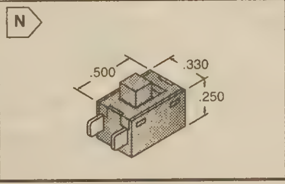


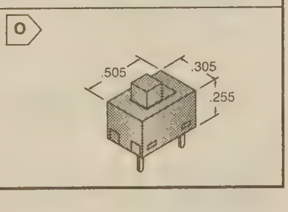












SLIDE SWITCHES

DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

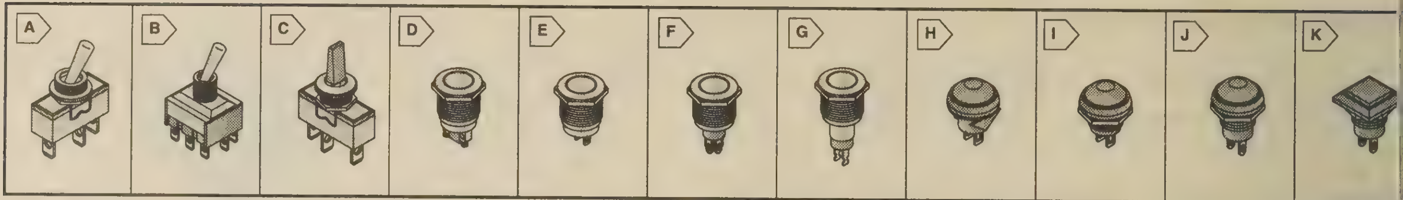
MOUSER STOCK NO.	Fig.	Mfr. Part Number	Circuit	Rating	Price Each			
					1	10	100	500
Standard								
629-GF11231110	A	GF-1123-1110	SPST	11A 125VAC	.93	.85	.72	.66
629-GF11261110	B	GF-1126-1110	DPDT	11A 125VAC	1.08	.98	.83	.77
629-G1128S1110	C	G-1128S-1110	DP3T	11A 125VAC	1.23	1.11	.94	.87
629-GF6246014	D	GF-624-6014	SPDT	6A 125VAC	.50	.45	.38	.35
629-GF6426010	E	GF-642-6010	4PDT	6A 125VAC	1.02	.93	.79	.73
629-G1138S1110	F	G-1138S-1110	DP4T	11A 125VAC	1.24	1.13	.96	.89
629-GG3503010	G	GG-350-3010	DPDT	.5A 125VDC	.57	.52	.44	.41

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Mfr. Part Number	Circuit	Rating	Price Each			
					1	10	100	500
Miniature								
629-GF1233011	H	GF-123-3011	SPST	3A 125VDC	.50	.45	.38	.35
629-GF1263011	I	GF-126-3011	DPDT	3A 125VDC	.74	.68	.57	.53
629-G128S3011	J	G-128S-3011	DP3T	3A 125VDC	.85	.78	.66	.61
629-GI1523011	K	GI-152-3010	DPDT	3A 125VDC	1.00	.91	.77	.71
Micro-Miniature								
629-GS1130512	L	GS-113-0512	DPDT	.5A 125VAC/VDC	1.11	1.01	.85	.79
629-GS1150511	M	GS-115-0511	SPDT	.5A 125VAC/VDC	.84	.85	.72	.67
629-G1050513	N	G-105-0513	SPST	.5A 125VAC/VDC	.76	.69	.59	.54
629-G1070513	O	G-107-0513	SPDT	.5A 125VAC/VDC	1.23	1.12	.95	.88

APEM® Toggle and Pushbutton Switches

APEM COMPONENTS, INC.



600 H SERIES POWER TOGGLE SWITCHES

Specifications:

- Contact ratings: Functions: ON-OFF and ON-ON; 15A 250VAC, 20A 125VAC or 10A 24VDC
  Functions: ON-OFF-ON; 15A 250VAC, 20A 125VAC or 10A 24VDC
- Operating temp. range: -20°C to +55°C
- Contact resistance: 10 mΩ max.
- Solder terminals

( ) = Momentary contact

MOUSER STOCK NO.	Fig.	Type	Function	Price Each			
				1	25	100	500
642-631H2	A	SPST	On-None-Off	4.98	3.98	3.48	2.99
642-636H2	A	SPDT	On-None-On	5.93	4.74	4.15	3.56
642-637H2	A	SPDT	(On)-None-(Off)	6.28	5.02	4.39	3.77
642-638H2	A	SPDT	On-None-(On)	6.28	5.02	4.39	3.77
642-639H2	A	SPDT	On-Off-On	6.03	4.82	4.22	3.62
642-641H2	A	DPST	On-None-Off	8.45	6.76	5.92	5.07
642-644H2	A	DPDT	On-On-On	10.73	8.58	7.51	6.44
642-646H2	A	DPDT	On-None-On	10.13	8.10	7.09	6.08
642-647H2	A	DPDT	(On)-None-(On)	10.73	8.58	7.51	6.44
642-648H2	A	DPDT	On-None-(On)	10.73	8.58	7.51	6.44
642-649H2	A	DPDT	On-Off-On	10.30	8.24	7.21	6.18
642-651H2	B	3PST	On-None-Off	14.65	11.72	10.26	8.79
642-656H2	B	3PDT	On-None-On	16.65	13.32	11.66	9.99
642-657H2	B	3PDT	(On)-Off-(On)	17.70	14.16	12.39	10.62
642-658H2	B	3PDT	On-Off-(On)	17.88	14.30	12.51	10.73
642-659H2	B	3PDT	On-Off-On	17.00	13.60	11.90	10.20

600 NH SERIES POWER TOGGLE SWITCHES

Specifications:

- Contact ratings: Functions: ON-OFF and ON-ON; 15A 250VAC, 20A 125VAC or 10A 24VDC
  Functions: ON-OFF-ON; 15A 250VAC, 20A 125VAC or 10A 24VDC
- Operating temp. range: -20°C to +55°C
- Contact resistance: 10 mΩ max.
- Solder terminals

( ) = Momentary contact

642-631NH2	C	SPST	On-None-Off	4.98	3.98	3.48	2.99
642-636NH2	C	SPDT	On-None-On	5.93	4.74	4.15	3.56
642-637NH2	C	SPDT	(On)-None-(On)	6.28	5.02	4.39	3.77
642-638NH2	C	SPDT	On-None-(On)	6.28	5.02	4.39	3.77
642-639NH2	C	SPDT	On-Off-On	6.03	4.82	4.22	3.62

AV SERIES SECURITY AND ANTI-VANDAL SWITCHES

Specifications:

- Contact ratings: 400mA @ 32VAC, 100mA @ 50VAC, or 125mA @ 125VAC
- Operating temp. range: -40°C to +85°C
- Contact resistance: 50 mΩ max.
- Diameter: .866"
- Solder terminals

MOUSER STOCK NO.	Fig.	Termin.	Rating	Price Each			
				1	25	100	500
* 642-AV191003C900	D	Screw	2A@48VDC	11.40	10.26	9.12	8.09
642-AV091003C900	D	Screw	2A@48VDC	10.26	9.23	8.21	7.28
642-AVM21003C940T	D	Screw	2A@48VDC	32.70	31.07	29.43	27.80
642-AV09C703D200	E	Solder	50mA@24VDC	12.04	11.44	10.84	10.23
642-AV09C703D200K	E	Solder	50mA@24VDC	14.92	14.17	13.43	12.68
642-AV199035D200	F	Solder	1A@30V	32.20	28.98	25.76	22.86
642-AV19301ZQE	G	Solder	3A@120VAC or 28VDC	12.90	11.61	10.32	9.16

* Diameter: 0.984"

IB SERIES SEALED MINIATURE PUSHBUTTON SWITCHES

Specifications:

- Contact ratings: 400mA @ 32VAC, 100mA @ 50VAC, or 125mA @ 125VAC
- Operating temp. range: -40°C to +85°C
- Contact resistance: 50 mΩ max.
- Diameter: .688"
- Solder terminals

MOUSER STOCK NO.	Fig.	Color	Price Each			
			1	25	100	500
642-IBR3SAD2	H	Black	11.55	9.24	8.09	6.9
642-IBR3SAD3	H	Green	11.55	9.24	8.09	6.9
642-IBR3SAD5	H	Yellow	11.55	9.24	8.09	6.9
642-IBR3SAD6	H	Red	11.55	9.24	8.09	6.9

IS SERIES SEALED MINIATURE PUSHBUTTON SWITCHES

Specifications:

- Contact ratings: 400mA @ 32VAC, 100mA @ 50VAC, or 125mA @ 125VAC
- Operating temp. range: -40°C to +85°C
- Contact resistance: 50 mΩ max.
- Diameter: .688"
- Solder terminals

MOUSER STOCK NO.	Fig.	Color	Price Each			
			1	25	100	500
642-ISR3SAD2	I	Black	12.18	9.74	8.52	7.31
642-ISR3SAD3	I	Green	12.18	9.74	8.52	7.31
642-ISR3SAD5	I	Yellow	12.18	9.74	8.52	7.31
642-ISR3SAD6	I	Red	12.18	9.74	8.52	7.31

IP SERIES PUSHBUTTON SWITCHES FOR HARSH ENVIRONMENTS

Specifications:

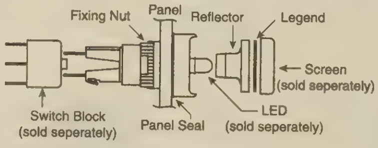
- Contact ratings: 500mA@48VAC, 200mA@50VAC, or 200mA@250VAC
- Operating temp. range: -40°C to +125°C
- Contact resistance: 50 mΩ max.
- Diameter: .688"
- Solder terminals

MOUSER STOCK NO.	Fig.	Color	Price Each			
			1	25	100	500
642-IPR3SAD2	J	Black	16.03	12.82	11.22	9.62
642-IPR3SAD3	J	Green	16.03	12.82	11.22	9.62
642-IPR3SAD5	J	Yellow	16.03	12.82	11.22	9.62
642-IPR3SAD6	J	Red	16.03	12.82	11.22	9.62
642-IPC3SAD3	K	Black	16.03	12.82	11.22	9.62
642-IPC3SAD5	K	Green	16.03	12.82	11.22	9.62
642-IPC3SAD6	K	Yellow	16.03	12.82	11.22	9.62
642-IPC3SAD9	K	Orange	16.03	12.82	11.22	9.62

A01 AND A02 SERIES INDUSTRIAL CONTROL SWITCHES

Specifications:

- Each operator requires a switch block
- Contacts:
  A01= gold plated silver
  A02= silver plated
- Current voltage ratings:
  A01= 6A@250VAC max.-10mA@5VAC min.
  A02= 12A@380VAC max.-16A@250VAC max., 25mA@5VAC min

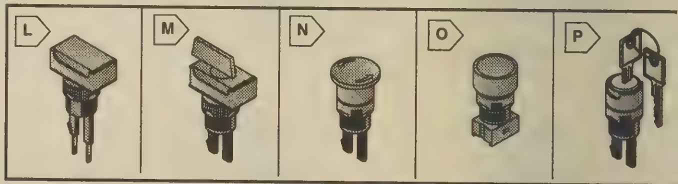


P/N 642-0101X illustrated

Operators

MOUSER STOCK NO.	Fig.	Series	Poles	Descriptions	Price Each		
					1	25	100
† 642-A0101X	L	A01	1 or 2	Rect., illum., maintained position	9.00	8.10	7.20
642-A019101	M	A01	1 or 2	Rect., 2 pos., maintained position	10.00	9.00	8.00
642-A01ES	N	A01	1 or 2	Round, emergency stop	9.74	8.77	7.79
† 642-A0211X	O	A02	1 to 4	Round, illum., maintained position	17.94	16.15	14.35
642-A029101	M	A02	1 to 4	Sq., 2 pos., maintained position	9.96	8.96	7.97
642-A018301	P	A01	1 or 2	Rnd., 2 pos., maintained position	25.50	22.95	20.40
642-A018302	P	A01	1 or 2	Rnd., 2 pos., momentary position	25.50	22.95	20.40
642-A018303	P	A01	3 or 4	Rnd., 2 pos., maintained position	25.50	22.95	20.40
642-A018304	P	A01	3 or 4	Rnd., 2 pos., momentary position	25.50	22.95	20.40
642-A018305	P	A01	1 or 2	Rnd., 3 pos., maintained position	25.50	22.95	20.40
642-A018306	P	A01	1 or 2	Rnd., 3 pos., momentary position	25.50	22.95	20.40
642-A018307	P	A01	1 or 2	Rnd., 3 pos., main B, mom. C pos.	25.50	22.95	20.40

† Illuminated switches require LED and screen, sold seperately.



Switch Blocks

MOUSER STOCK NO.	Description	Price Each		
		1	25	100
642-A0150B	Switch block, single pole, for 642-A01ES	6.72	6.05	5.38
* 642-A02503	Switch block, 2 N.O. contacts, for A02 series	13.62	12.26	10.90
* 642-A0151B	Switch block, single pole, for A01 series	6.50	5.85	5.20
* 642-A0152B	Switch block, double pole, for A01 series	9.36	8.42	7.49
* 642-A0155B	Switch block, triple pole, for A01 series	15.98	14.38	12.78
* 642-A0153B	Switch block, four pole, for A01 series	19.48	17.53	15.58

* exculdes emergency stop, part #642-A01ES

Accessories

642-A0161B	Rectangle screen, Red, for 642-A0101X	.60	.48	.42
642-A0142M1	Red LED 12V for 642-A0101X	12.80	11.52	10.24
642-A0263B	Round screen, Red, for 642-0211X	.70	.56	.49
642-A0244J1	Red LED, 12V for 642-0211X	18.38	16.55	16.08

Security Switches and Components

IGH RELIABILITY SECURITY KEY SWITCHES

- Complete with two keys and mounting hardware
- Voltage breakdown: 1000VAC, 1 minute
- Contact resistance: 20mΩ max.
- Insulation resistance: 100MΩ min.
- Life: 30,000 cycles

older Tab Terminals

hese are available keyed alike. Call for details.

For quantities greater than listed, call for quote.

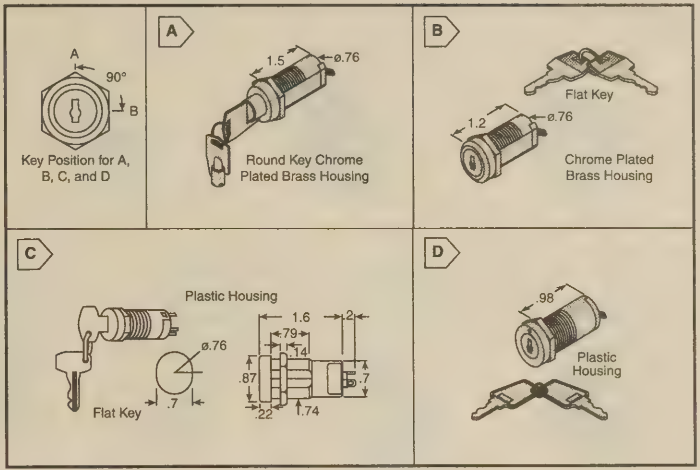
MOUSER STOCK NO.	Fig.	Type	AC Rating	Description Key Removable	Price Each		
					1	10	100
10KS181	A	SPDT	5A 125V/3A 250V	A position only	16.30	15.69	15.09
10KS182	A	SPDT	5A 125V/3A 250V	"A" & "B" positions	16.30	15.69	15.09
10KS183	B	SPDT	5A 125V/3A 250V	A position only	15.65	15.07	14.49
10KS184	B	SPDT	5A 125V/3A 250V	"A" & "B" positions	15.65	15.07	14.49
107-SS232	C	SPDT	3A 125V/1A 250V	A position only	12.45	11.99	11.53
107-SS233	C	SPDT	3A 125V/1A 250V	"A" & "B" positions	12.45	11.99	11.53
107-DS770R	D	SPST	3A 125V/1A 250V	A position only	7.51	7.23	6.95
107-DS771W	D	SPST	3A 125V/1A 250V	"A" & "B" positions	7.51	7.23	6.95

ey Blanks for Security Switches

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
107-0001	- -	Key blank for 10KS183 and 10KS184 switches	2.30	2.21	2.13

DIMENSIONS (IN.)



ERCURY TILT SWITCHES

Specifications:

- Contact resistance: 50mΩ
- Endurance: 100,000 times
- Rating: 110VAC 500mA
- Conductive angle: 5° to 10°
- Contact material: special conductive material

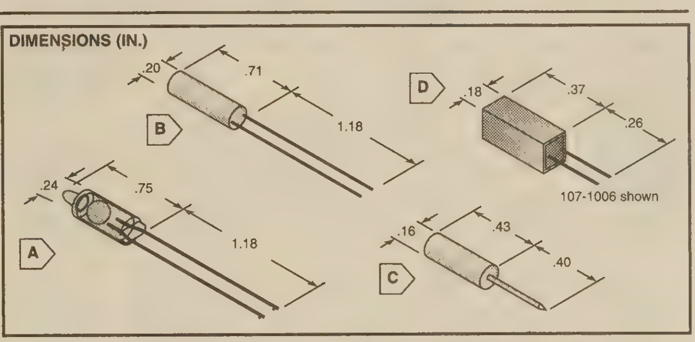
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	1000
107-1003	A	Glass tube, 2 leads	.66	.55	.49	.45
107-1001	B	Metal type, 2 leads	1.58	1.32	1.20	1.09

ON-MERCURY TILT SWITCHES

Specifications:

- Maximum switch rating: 120V 10mA
- Contact resistance: 0.8Ω max.
- Differential angle: 15° max.

107-1002	C	Metal type, 1 lead	.84	.70	.63	.58
107-1006	D	Straight leads	.73	.65	.58	.51
107-1007	D	Right angle leads	.78	.70	.63	.56



amseco SURFACE MOUNT MAGNETIC CONTACTS

Micro Mini Contacts

- 12 inch leads AWG #22 (UL1061)
- Switch Type: SPST N.C.
- Self adhesive and nail mount
- Magnet: Alnico 5 - 1/8" dia. x 7/8" length

MOUSER STOCK NO.	Fig.	Color	Operating Gap (In.)	Price Each			
				1	10	50	100
507-AMS-9B	A	Brown	.50	2.24	2.10	2.03	1.96
507-AMS-9G	A	Gray	.50	2.24	2.10	2.03	1.96
507-AMS-9I	A	Ivory	.50	2.24	2.10	2.03	1.96

Mini Contact Snap-Off Tabs (Lead from Center)

- 24 inch leads AWG #22 (UL1061)
- Self adhesive and screw mount
- Magnet: Alnico 5 - 3/16" dia. x 1 3/16 length
- Switch type: SPST N.C.

507-AMS-10B	B	Brown	.75	2.38	2.24	2.17	2.03
507-AMS-10G	B	Gray	.75	2.38	2.24	2.17	2.03
507-AMS-10I	B	Ivory	.75	2.38	2.24	2.17	2.03
507-AMS-10W	B	White	.75	2.38	2.24	2.17	2.03

Mini Contact Snap-Off Tabs (Lead from Side)

- Switch type: SPST N.C.

507-AMS-10BS	B	Brown	.75	2.38	2.24	2.17	2.03
507-AMS-10GS	B	Gray	.75	2.38	2.24	2.17	2.03
507-AMS-10IS	B	Ivory	.75	2.38	2.24	2.17	2.03
507-AMS-10WS	B	White	.75	2.38	2.24	2.17	2.03

Magnetic Reed Contacts

- Contact rating: 120VAC 30VA
- Contact max. current: 1A DC
- Switch type: SPST N.C.
- Operating temperature: -20°C to +95°C
- Magnet: Ferrite 3/8" x 3/8" x 1 13/16" length N.C.

507-AMS-39	C	Ivory	.50	2.80	2.73	2.55	2.40
507-AMS-39B	C	Brown	.75	2.80	2.73	2.55	2.40
507-AMS-39G	C	Gray	.75	2.80	2.73	2.55	2.40
507-AMS-39W	C	White	.75	2.80	2.73	2.55	2.40
507-AMS-37	D	Gray	2.0	5.63	5.49	5.28	4.93
507-AMS-37B	D	Brown	2.0	5.63	5.49	5.28	4.93

Magnet Contact with Cover

- Magnet: alnico 5 - 1/4" dia. x 1 13/16" length
- Type: SPST N.C.

507-AMS-51CVB	E	Brown	.75	2.81	2.64	2.55	2.47
507-AMS-51CVG	E	Gray	.75	2.81	2.64	2.55	2.47
507-AMS-51CVI	E	Ivory	.75	2.81	2.64	2.55	2.47
507-AMS-51CVW	E	White	.75	2.81	2.64	2.55	2.47

amseco PRESS FIT RECESSED MAGNETIC CONTACTS

3/8" Mini Contact

- 12" lead AWG #22 (UL1061)
- Magnet: Alnico 5 - 1/4" dia. x 5/8" length
- Switch Type: SPST N.C.

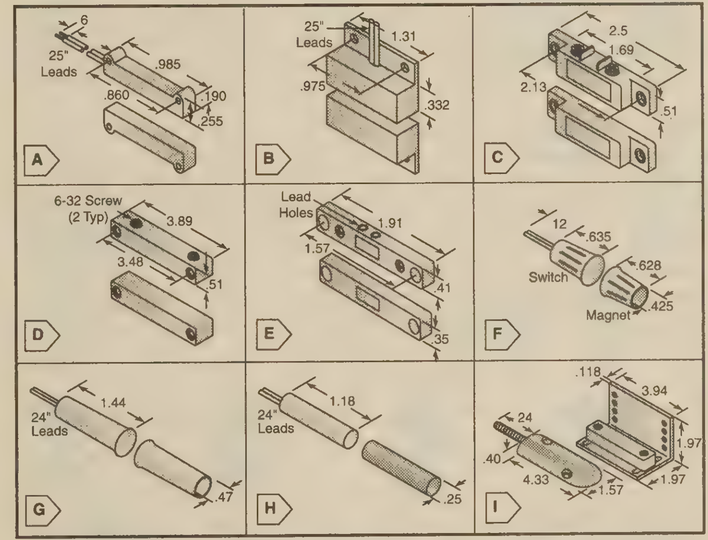
507-AMS-17B	F	Brown	.3125	2.72	2.56	2.48	2.39
507-AMS-17I	F	Ivory	.3125	2.72	2.56	2.48	2.39
507-AMS-17W	F	White	.3125	2.72	2.56	2.48	2.39

3/8" Recessed Contact

- 24" lead AWG #22 (UL1061)
- Switch type: SPST N.C.
- Magnet: Bare Alnico 5 - 1/4" dia. x 1 3/16" length

507-AMS-21B	G	Brown	.75	2.55	2.45	2.40	2.20
507-AMS-21I	G	Ivory	.75	2.55	2.45	2.40	2.20

DIMENSIONS (IN.)



amseco PRESS FIT RECESSED MAGNETIC CONTACTS (cont.)

1/4" Mini Contact

- 24" lead AWG #22 (UL1061)
- Magnet: Bare Alnico 5 - 1/4" dia. x 1 3/16" lth
- Switch type: SPST N.C.

MOUSER STOCK NO.	Fig.	Color	Operating Gap (In.)	Price Each			
				1	10	50	100
507-AMS-20B	H	Brown	.75	2.47	2.32	2.25	2.10
507-AMS-20I	H	Ivory	.75	2.47	2.32	2.25	2.10
507-AMS-20W	H	White	.625	2.47	2.32	2.25	2.10

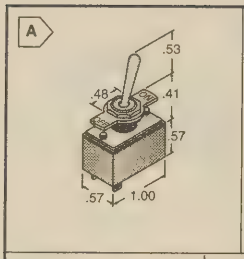
amseco OVERHEAD DOOR CONTACT

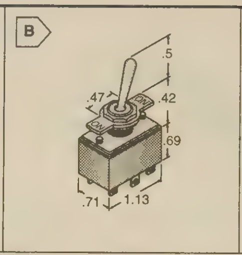
- Magnet mounted on adjustable "L" angle bracket 24" stainless armored cable

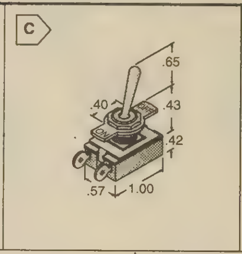
MOUSER STOCK NO.	Fig.	Description	Operating Gap (In.)	Price Each			
				1	10	50	100
507-ODC-59A	I	SPST, N/C loop	2.0	12.29	11.55	11.18	10.80
507-ODC-59B	I	SPDT, N/O, N/C loop	2.0	14.32	13.43	12.98	12.53

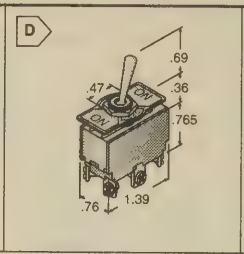
Mountain Switch Toggle Switches

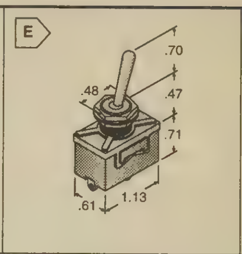
DIMENSIONS (

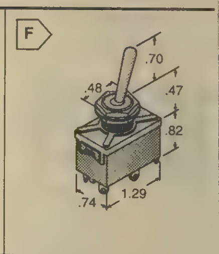


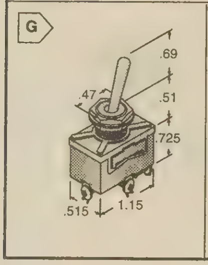


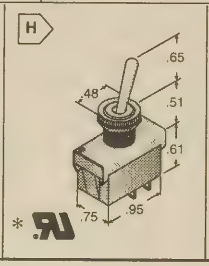


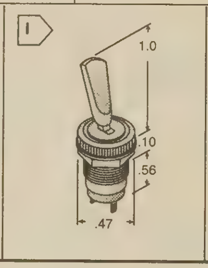


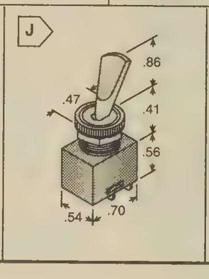


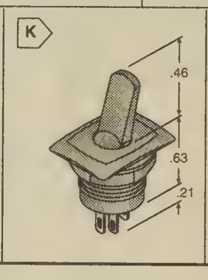


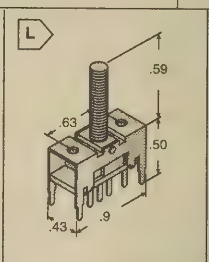


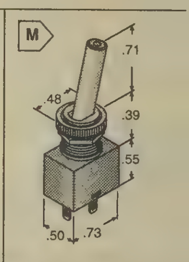












TOGGLE SWITCHES

Standard Duty

- Rating: 3A/125VAC
- Insulation resistance: 100MΩ min.

MOUSER STOCK NO.	Fig.	Type	Circuit	Breakdown Voltage	Contact Resistance (max.)	Price Each			
						1	10	100	500
103-0132	A	SPST	On-Off	1000VAC	50mΩ	1.33	1.11	.99	.90
10TE002	B	DPDT	On-On	1000VAC	20mΩ	4.41	3.68	3.34	3.04

Low Profile

- Rating: 5A/125 VAC
- Insulation resistance: 100MΩ min.

10TE001	C	SPST	On-Off	1000VAC	20mΩ	3.21	2.68	2.43	2.21

Heavy Duty

- Insulation resistance: 100MΩ min.

10A/125VAC, 3A/250VAC									
10TE008	D	DPDT	On-Off-On	1000VAC	50mΩ	2.22	1.93	1.75	1.65
15A/125VAC, 10A/250VAC									
10TE006	E	SPST	On-Off	1500VAC	50mΩ	2.94	2.45	2.23	2.02
10TE007	F	DPDT	On-On	1500VAC	50mΩ	3.05	2.53	2.31	2.10
15A/125VAC, 10A/250VAC									
103-13293	G	SPDT	On-Off-On	1500VAC	50mΩ	2.59	2.15	1.99	1.79

Hi-Rel UL Recognized

- Rating: 6A/250VAC
- Insulation resistance: 100MΩ min.

* 10DS235	H	SPST	On-Off	1500VAC	20mΩ	3.29	3.17	3.04	2.92
* 10DS236	H	SPDT	On-On	1500VAC	20mΩ	3.65	3.51	3.38	3.24
* 10DS237	H	SPDT	On-Off-On	1500VAC	20mΩ	3.73	3.59	3.45	3.31
* 10DS238	H	DPDT	On-On	1500VAC	20mΩ	5.07	4.88	4.69	4.50
* 10DS239	H	DPDT	On-Off-On	1500VAC	20mΩ	5.23	5.04	4.84	4.65

Plastic Lever

- Insulation resistance: 100MΩ min.

( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Breakdown Voltage	Contact Resistance (max.)	Price Each			
						1	10	100	500
3A/125VAC									
10DS274	I	SPST	On-Off	1000VAC	20mΩ	3.11	2.99	2.88	2.7
6A/125VAC									
10TL020	J	SPST	On-Off	1000VAC	20mΩ	2.52	2.43	2.34	2.2
10TL021	J	SPDT	On-On	1000VAC	20mΩ	3.19	3.07	2.95	2.8
10TL022	J	DPDT	On-On	1000VAC	20mΩ	4.81	4.64	4.46	4.2
103-4023	K	SPDT	On-On	1500VAC	50mΩ	2.19	1.83	1.66	1.5
103-4024	K	DPDT	On-On	1500VAC	50mΩ	2.90	2.61	2.47	2.3
103-4025	K	DPDT	On-(On)	1500VAC	50mΩ	3.18	2.86	2.70	2.5

Toggle Switch

- Brushed aluminum handles
- PC terminals
- Rating: .5A/50VDC

10TS003	L	DP3T	On-On-On	500VAC	30mΩ	1.11	.92	.84	.71

LED Illuminated Toggle Switches

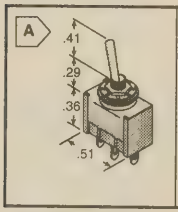
- Contact resistance: 20mΩ max.
- LED on a separate circuit
- Rating: 3A/125VAC

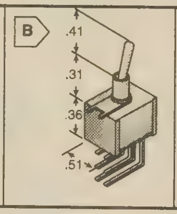
• LED data:	Red	Green
• Intensity:	2.1mcd (typ.)	1.4mcd (typ.)
• IF:	20mA	20mA
• VF:	1.7V	2.0V

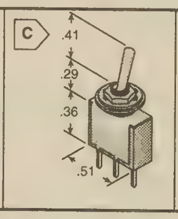
MOUSER STOCK NO.	Fig.	Color	Type	Circuit	Mtg. Hole (In.)	Price Each			
						1	10	100	500
10TR414	M	Red	SPST	On-Off	.472	4.27	4.11	3.95	3.80
10TR415	M	Green	SPST	On-Off	.472	4.53	4.36	4.19	4.02
10TR416	M	Red	SPDT	On-On	.472	4.53	4.36	4.19	4.02
10TR417	M	Green	SPDT	On-On	.472	4.66	4.49	4.32	4.14

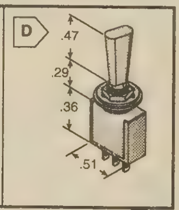
MINIATURE TOGGLE SWITCHES

DIMENSIONS (IN.)









Specifications:

- Contact resistance: 20mΩ max.
- Insulation resistance: 100MΩ min. 500VDC
- Dielectric strength: 1000VAC 1 minute
- Operating temperature: -20°C to 65°C
- Rating: 6A 125V, 3A 250VAC
- Electrical life: 50,000 make-and-break cycles at full load
- Color: blue

Standard Lever - Solder Tab

( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
1055-TA1120	A	SPST	On-Off	1.45	1.22	1.09	.98
1055-TA1130	A	SPDT	On-On	1.58	1.32	1.19	1.07
103-5132	A	SPDT	On-(On)	1.65	1.37	1.22	1.10
1055-TA1135	A	SPDT	On-Off-On	1.84	1.54	1.40	1.25
103-5140	A	SPDT	On-Off-(On)	1.88	1.60	1.42	1.29
103-5145	A	SPDT	(On)-Off-(On)	1.88	1.60	1.42	1.29
1055-TA1160	A	DPDT	On-On	2.34	1.95	1.78	1.62
1055-TA1162	A	DPDT	On-(On)	2.53	2.12	1.91	1.72
1055-TA1165	A	DPDT	On-Off-On	2.51	2.09	1.90	1.73
1055-TA1170	A	DPDT	On-Off-(On)	2.53	2.12	1.91	1.72
1055-TA1175	A	DPDT	(On)-Off-(On)	2.53	2.12	1.91	1.72

Standard Lever - PC Mount

( ) = Momenta

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
1055-TA1220	B	SPST	On-Off	1.70	1.42	1.28	1.15
1055-TA1230	B	SPDT	On-On	2.03	1.69	1.54	1.40
1055-TA1235	B	SPDT	On-Off-On	2.24	1.86	1.69	1.54
103-5260	B	DPDT	On-On	2.79	2.32	2.10	1.92
1055-TA1262	B	DPDT	On-(On)	3.34	2.78	2.53	2.30
103-5265	B	DPDT	On-Off-On	2.79	2.32	2.11	1.92
1055-TA1320	C	SPST	On-Off	1.70	1.42	1.28	1.15
1055-TA1330	C	SPDT	On-On	2.03	1.69	1.54	1.40
1055-TA1345	C	SPDT	(On)-Off-(On)	2.38	1.99	1.80	1.62
1055-TA1360	C	DPDT	On-On	2.77	2.31	2.10	1.92
1055-TA1365	C	DPDT	On-Off-On	2.96	2.47	2.24	2.04

Flat Lever - Solder Tab

( ) = Momenta

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
1055-TA2120	D	SPST	On-Off	1.96	1.63	1.49	1.35
1055-TA2130	D	SPDT	On-On	2.14	1.78	1.62	1.48
1055-TA2135	D	SPDT	On-Off-On	2.27	1.89	1.72	1.56
1055-TA2150	D	DPST	On-Off	2.61	2.18	1.98	1.80
1055-TA2160	D	DPDT	On-On	2.80	2.33	2.12	1.93
103-6165	D	DPDT	On-Off-On	2.98	2.48	2.26	2.05
103-6175	D	DPDT	(On)-Off-(On)	3.23	2.69	2.45	2.23

Mountain Switch

Miniature Toggle Switches

DIMENSIONS (IN.)

Figures are shown as SPDT or SPST, but all items are stocked in SPST, SPDT, and DPDT

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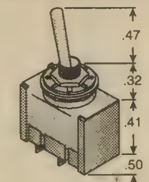

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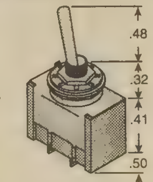

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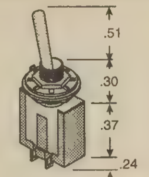

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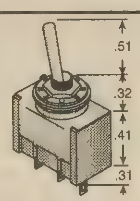

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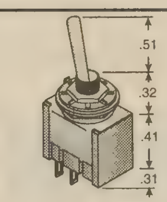

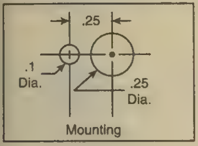

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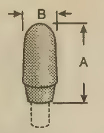

Caps Are Press Fit

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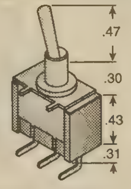

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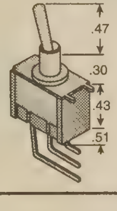

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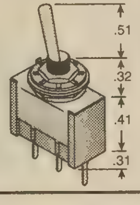

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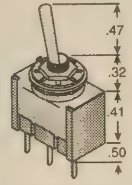

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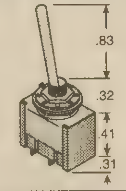


Specifications:
- Breakdown voltage: 1000VAC, for one minute
- Insulation resistance: 100MΩ min.
- Mechanical life: over 30,000 operations
- Electrical life: over 10,000 operations
- ( ) = Momentary contact

UL * UL (File No. E128300)

CSA ** CSA (File No. LR26920) Listed.

STANDARD LEVER

- Rating: 3A/125VAC, 1A/250VAC
- Solder terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
108-MS550K	A	SPST	On-Off	1.50	1.44	1.38	1.33
108-MS550A	A	SPDT	On-On	1.55	1.49	1.43	1.38
108-MS550C	A	SPDT	On-Off-On	1.83	1.76	1.70	1.63
108-MS550H	A	DPDT	On-Off-On	2.40	2.31	2.23	2.14

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TC220	B	SPST	On-Off	1.70	1.64	1.58	1.51
10TC230	B	SPDT	On-On	1.88	1.81	1.74	1.67
10TC232	B	SPDT	On-(On)	1.98	1.91	1.84	1.76
10TC235	B	SPDT	On-Off-On	2.09	2.02	1.94	1.86
10TC240	B	SPDT	On-Off-(On)	2.14	2.06	1.98	1.90
10TC245	B	SPDT	(On)-Off-(On)	2.14	2.06	1.98	1.90
10TC260	B	DPDT	On-On	2.58	2.49	2.39	2.30
10TC262	B	DPDT	On-(On)	2.74	2.63	2.53	2.43
10TC265	B	DPDT	On-Off-On	2.91	2.81	2.70	2.59
10TC270	B	DPDT	On-Off-(On)	3.02	2.91	2.80	2.69
10TC275	B	DPDT	(On)-Off-(On)	3.02	2.91	2.80	2.69
10TC280	B	3PDT	On-On	3.47	3.35	3.22	3.09
10TC285	B	3PDT	On-Off-On	4.09	3.93	3.78	3.63
10TC290	B	4PDT	On-On	4.44	4.28	4.11	3.95
10TC295	B	4PDT	On-Off-On	5.27	5.08	4.88	4.69
10TA820	C	SPST	On-Off	1.94	1.87	1.79	1.72
10TA830	C	SPDT	On-On	2.09	2.01	1.93	1.86
10TA860	C	DPDT	On-On	2.74	2.63	2.53	2.43

HI-REL STANDARD LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TA730	D	SPDT	On-On	2.68	2.58	2.48	2.39
10TA732	D	SPDT	On-(On)	2.97	2.86	2.75	2.64
10TA735	D	SPDT	On-Off-On	2.84	2.74	2.63	2.52
10TA740	D	SPDT	On-Off-(On)	3.12	3.01	2.89	2.78
10TA745	D	SPDT	(On)-Off-(On)	3.12	3.01	2.89	2.78
10TA760	D	DPDT	On-On	3.87	3.73	3.58	3.44
10TA765	D	DPDT	On-Off-On	4.15	4.00	3.84	3.69
10TA762	D	DPDT	On-(On)	4.48	4.32	4.15	3.98
10TA770	D	DPDT	On-Off-(On)	4.69	4.52	4.34	4.17
10TA775	D	DPDT	(On)-Off-(On)	4.69	4.52	4.34	4.17

HI-CURRENT STANDARD LEVER

- Rating: 10A/125VAC
- Solder terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TC320	E	SPST	On-Off	2.06	1.99	1.91	1.84
10TC330	E	SPDT	On-On	2.25	2.16	2.08	2.00
10TC335	E	SPDT	On-Off-On	2.48	2.39	2.29	2.20
10TC360	E	DPDT	On-On	3.15	3.04	2.92	2.80
10TC365	E	DPDT	On-Off-On	3.46	3.33	3.20	3.07

DECORATIVE MINIATURE TOGGLE LEVER

- Plastic caps for miniature toggle switches

MOUSER STOCK NO.	Fig.	Color	Dimensions (In.)		Price Each			
			A	B	1	10	100	500
10TB001	F	Red	.45	.18	.15	.13	.11	.10
10TB002	F	Black	.45	.18	.15	.13	.11	.10
10TB003	F	White	.45	.18	.15	.13	.11	.10
10TB004	F	Blue	.45	.18	.15	.13	.11	.10
10TB005	F	Yellow	.45	.18	.15	.13	.11	.10
10TB006	F	Green	.45	.18	.15	.13	.11	.10

HI-REL STANDARD LEVER, PC MOUNT

- Rating: 6A/125VAC, 3A/250VAC
- Gold plated terminals
- Right angle PC mount ( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TF230	G	SPDT	On-On	2.37	2.29	2.20	2.11
10TF235	G	SPDT	On-Off-On	2.54	2.45	2.35	2.26
10TF232	G	SPDT	On-(On)	2.61	2.51	2.41	2.32
10TF240	G	SPDT	On-Off-(On)	2.76	2.65	2.55	2.45
10TF245	G	SPDT	(On)-Off-(On)	2.76	2.65	2.55	2.45
10TF260	G	DPDT	On-On	3.56	3.43	3.30	3.17
10TF265	G	DPDT	On-Off-On	3.82	3.68	3.54	3.40
10TF262	G	DPDT	On-(On)	4.07	3.92	3.77	3.62
10TF270	G	DPDT	On-Off-(On)	4.15	4.00	3.84	3.69
10TF275	G	DPDT	(On)-Off-(On)	4.15	4.00	3.84	3.69

- Rating: 6A/125VAC, 3A/250VAC
- Gold plated terminals
- Vertical PC mount ( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TF130	H	SPDT	On-On	2.71	2.61	2.51	2.41
10TF135	H	SPDT	On-Off-On	2.94	2.83	2.73	2.62
10TF132	H	SPDT	On-(On)	2.94	2.83	2.73	2.62
10TF140	H	SPDT	On-Off-(On)	3.10	2.99	2.87	2.76
10TF145	H	SPDT	(On)-Off-(On)	3.10	2.99	2.87	2.76
10TF160	H	DPDT	On-On	3.89	3.75	3.61	3.46
10TF165	H	DPDT	On-Off-On	4.15	4.00	3.84	3.69
10TF162	H	DPDT	On-(On)	4.40	4.24	4.08	3.91
10TF170	H	DPDT	On-Off-(On)	4.53	4.36	4.19	4.02
10TF175	H	DPDT	(On)-Off-(On)	4.53	4.36	4.19	4.02

- Rating: 6A/125VAC, 3A/250VAC
- Gold plated terminals
- PC mount ( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
* 10TC430	I	SPDT	On-On	3.10	2.98	2.87	2.75
* 10TC435	I	SPDT	On-Off-On	3.25	3.13	3.01	2.89
10TC445	I	SPDT	(On)-Off-(On)	3.54	3.41	3.28	3.14
* 10TC460	I	DPDT	On-On	4.65	4.48	4.31	4.13
* 10TC465	I	DPDT	On-Off-On	4.94	4.76	4.58	4.39
10TC475	I	DPDT	(On)-Off-(On)	5.49	5.29	5.09	4.88

HI-REL LOW VOLTAGE/CURRENT

- Rating: 20mA/25VAC
- Electrical life: >50,000 cycles
- Gold plated contacts and terminals
- Insulation resistance: 1000MΩ min.
- Mechanical life: 100,000 cycles
- PC mount

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
108-MS510A	J	SPDT	On-On	3.61	3.48	3.34	3.21
108-MS510C	J	SPDT	On-Off-On	4.21	4.06	3.90	3.74
108-MS510F	J	DPDT	On-On	5.69	5.48	5.27	5.05
108-MS510H	J	DPDT	On-Off-On	6.60	6.35	6.11	5.87

LONG METAL LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) = Momentary

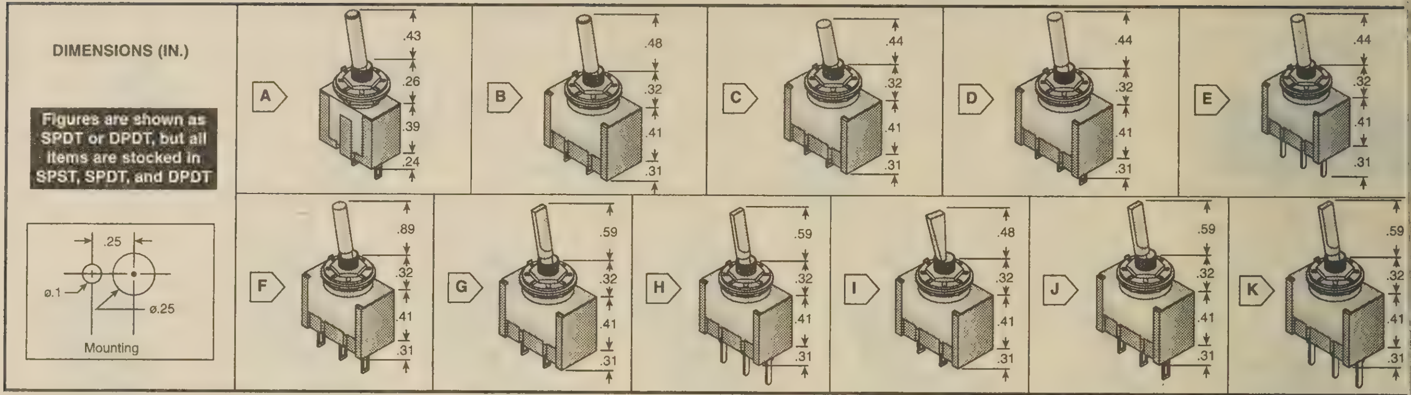
MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TA420	K	SPST	On-Off	1.88	1.81	1.74	1.67
10TA445	K	SPDT	(On)-Off-(On)	2.20	2.11	2.03	1.95
10TA430	K	SPDT	On-On	2.07	1.99	1.91	1.84
10TA435	K	SPDT	On-Off-On	2.28	2.19	2.11	2.02
10TA460	K	DPDT	On-On	2.76	2.66	2.56	2.46
10TA475	K	DPDT	(On)-Off-(On)	3.17	3.06	2.94	2.82
10TA465	K	DPDT	On-Off-On	3.10	2.99	2.87	2.76

Mountain Switch

Miniature Toggle Switches

DIMENSIONS (IN.)

Figures are shown as SPDT or DPDT, but all items are stocked in SPST, SPDT, and DPDT



Specifications:

- Contact resistance: 20mΩ max.
- Breakdown voltage: 1000VAC for one minute
- Insulation resistance: 100MΩ min.
- ( ) = Momentary contact

* UL (File No. E128300) Listed
** CSA (File No. LR26920) Liste
*** UL and CSA Listed

METAL BATON LEVER WITH COLORED TIP

- Rating: 3A/125VAC
- Solder terminals

MOUSER STOCK NO.	Fig.	Tip Color	Type	Circuit	Price Each			
					1	10	100	500
10TF105	A	Red	SPST	On-Off	1.81	1.74	1.67	1.61
10TF205	A	Yellow	SPST	On-Off	1.81	1.74	1.67	1.61
10TF305	A	Blue	SPST	On-Off	1.81	1.74	1.67	1.61
10TF110	A	Red	SPDT	On-On	1.96	1.89	1.81	1.74
10TF210	A	Yellow	SPDT	On-On	1.96	1.89	1.81	1.74
10TF310	A	Blue	SPDT	On-On	1.96	1.89	1.81	1.74
10TF115	A	Red	DPDT	On-On	2.30	2.21	2.13	2.04
10TF215	A	Yellow	DPDT	On-On	2.30	2.21	2.13	2.04
10TF315	A	Blue	DPDT	On-On	2.30	2.21	2.13	2.04

METAL BATON LEVER WITH COLORED TIP

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
108-MS500KCL-BLK	B	SPST	On-Off	1.96	1.89	1.81	1.74
108-MS500ACL-BLK	B	SPDT	On-On	2.12	2.04	1.96	1.88
108-MS500FCL-BLK	B	DPDT	On-On	2.81	2.71	2.61	2.50
108-MS500KCL-RED	B	SPST	On-Off	1.96	1.89	1.81	1.74
108-MS500ACL-RED	B	SPDT	On-On	2.12	2.04	1.96	1.88
108-MS500FCL-RED	B	DPDT	On-On	2.81	2.71	2.61	2.50

ANODIZED ALUMINUM BATON LEVER

- Rating: 3A/125VAC
- Solder terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TF605	A	SPST	On-Off	2.09	2.01	1.93	1.86
10TF610	A	SPDT	On-On	2.17	2.09	2.01	1.93
10TF615	A	DPDT	On-On	2.58	2.49	2.39	2.30

PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
108-MS500KPL-BLK	C	SPST	On-Off	1.78	1.71	1.65	1.58
108-MS500APL-BLK	C	SPDT	On-On	1.94	1.87	1.80	1.72
108-MS500KPL-RED	C	SPST	On-Off	1.78	1.71	1.65	1.58
108-MS500FPL-RED	C	DPDT	On-On	2.63	2.53	2.44	2.34

HI-REL PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip color

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
* 108-MS340C-BLK	D	SPDT	On-Off-On	2.79	2.68	2.58	2.48
* 108-MS340F-BLK	D	DPDT	On-On	3.85	3.71	3.56	3.42

HI-REL PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- PC terminals
- Part number suffix indicates lever tip color

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
* 108-MS341A-BLK	E	SPDT	On-On	3.04	2.93	2.82	2.70
* 108-MS341C-BLK	E	SPDT	On-Off-On	3.20	3.08	2.96	2.84
* 108-MS341F-BLK	E	DPDT	On-On	4.61	4.44	4.27	4.10

LONG BLACK PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) = Momentary

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TA120	F	SPST	On-Off	1.88	1.82	1.75	1.68
10TA130	F	SPDT	On-On	2.07	1.99	1.91	1.84
10TA135	F	SPDT	On-Off-On	2.28	2.19	2.11	2.02
10TA145	F	SPDT	(On)-Off-(On)	2.30	2.21	2.13	2.04
10TA160	F	DPDT	On-On	2.76	2.66	2.56	2.46
10TA165	F	DPDT	On-Off-On	3.10	2.98	2.87	2.75
10TA175	F	DPDT	(On)-Off-(On)	3.17	3.05	2.94	2.82

HI-REL LONG PLASTIC BATON LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- Part number suffix indicates lever tip colo

* 108-MS345A-BLK	F	SPDT	On-On	2.79	2.68	2.58	2.48
* 108-MS345C-BLK	F	SPDT	On-Off-On	2.79	2.68	2.58	2.48

BLACK PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) Momentary

** 10TA220	G	SPDT	On-Off	2.07	1.99	1.91	1.84
*** 10TA230	G	SPDT	On-On	2.25	2.16	2.08	2.00
10TA235	G	SPDT	On-Off-On	2.45	2.36	2.27	2.18
10TA245	G	SPDT	(On)-Off-(On)	2.48	2.39	2.29	2.20
*** 10TA260	G	DPDT	On-On	2.94	2.83	2.73	2.62
*** 10TA265	G	DPDT	On-Off-On	3.28	3.16	3.04	2.91
10TA275	G	DPDT	(On)-Off-(On)	3.36	3.23	3.11	2.99

HI-REL BLACK PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals

* 10TA530	G	SPDT	On-On	2.89	2.79	2.68	2.57
* 10TA535	G	SPDT	On-Off-On	3.15	3.03	2.92	2.80
* 10TA565	G	DPDT	On-Off-On	4.44	4.28	4.11	3.95
* 10TA560	G	DPDT	On-On	4.20	4.04	3.89	3.73

HI-REL BLACK PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- PC terminals
- ( ) = Momentary

* 10TC130	H	SPDT	On-On	3.38	3.25	3.13	3.00
* 10TC135	H	SPDT	On-Off-On	3.54	3.41	3.28	3.15
10TC145	H	SPDT	(On)-Off-(On)	3.87	3.72	3.58	3.44
* 10TC160	H	DPDT	On-On	4.98	4.80	4.61	4.43
* 10TC170	H	DPDT	On-Off-On	5.23	5.04	4.84	4.65
10TC175	H	DPDT	(On)-Off-(On)	5.81	5.60	5.38	5.17

METALLIZED PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals
- ( ) = Momentary

10TA320	I	SPST	On-Off	2.14	2.06	1.98	1.90
10TA330	I	SPDT	On-On	2.35	2.26	2.18	2.09
10TA335	I	SPDT	On-Off-On	2.56	2.46	2.37	2.27
10TA345	I	SPDT	(On)-Off-(On)	2.62	2.52	2.43	2.33
10TA360	I	DPDT	On-On	3.04	2.93	2.82	2.71
10TA365	I	DPDT	On-Off-On	3.41	3.28	3.16	3.03
10TA375	I	DPDT	(On)-Off-(On)	3.49	3.36	3.23	3.10

HI-REL METALLIZED PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- Solder terminals

* 108-MS333A	J	SPDT	On-On	3.28	3.16	3.04	2.91
* 108-MS333C	J	SPDT	On-Off-On	3.43	3.31	3.18	3.05
* 108-MS333F	J	DPDT	On-On	4.65	4.48	4.31	4.13

HI-REL METALLIZED PLASTIC FLAT LEVER

- Rating: 6A/125VAC, 3A/250VAC
- PC terminals
- Gold plated contacts
- ( ) = Momentary

* 10TC930	K	SPDT	On-On	3.69	3.55	3.41	3.28
* 10TC935	K	SPDT	On-Off-On	3.85	3.71	3.57	3.42
10TC945	K	SPDT	(On)-Off-(On)	4.15	4.00	3.84	3.69
* 10TC960	K	DPDT	On-On	5.44	5.24	5.04	4.84
* 10TC965	K	DPDT	On-Off-On	5.65	5.44	5.23	5.02
10TC975	K	DPDT	(On)-Off-(On)	6.31	6.08	5.84	5.61

Mountain Switch Toggle and Snap Switches

DIMENSIONS (IN.)

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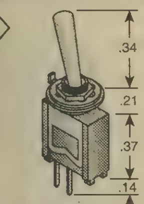

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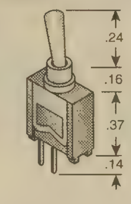

Stocked in: SPST, SPDT, and DPDT

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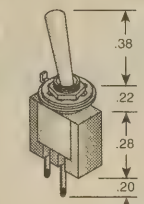

Stocked in: SPST, SPDT, and DPDT

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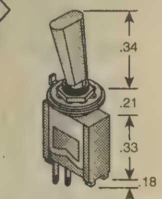

Stocked in: SPST, SPDT, and DPDT

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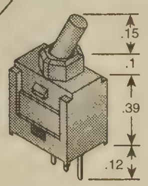

Stocked in: SPDT and DPDT

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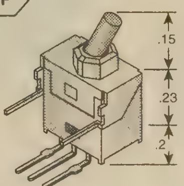

Stocked in: SPDT and DPDT

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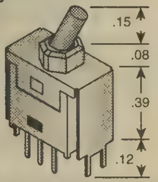

Stocked in: SPDT and DPDT

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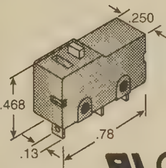

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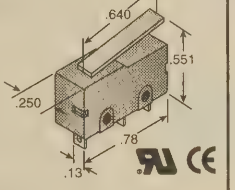

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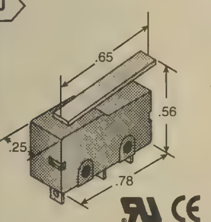

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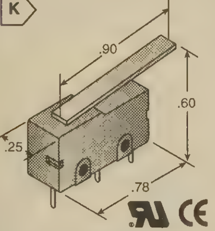

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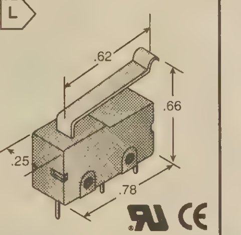

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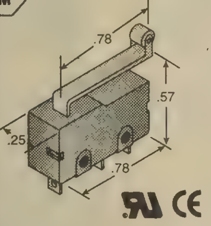

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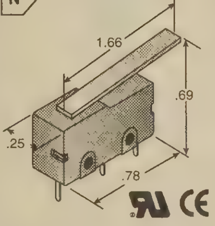

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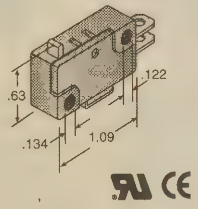

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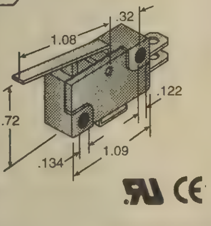

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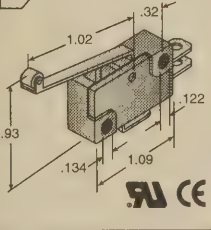

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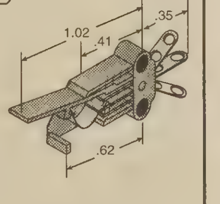

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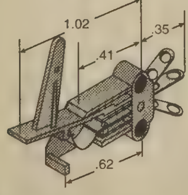

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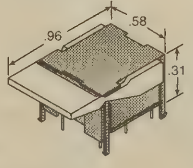


SUB MINIATURE TOGGLE SWITCHES

Specifications:

- Insulation resistance: 100MΩ @ 500VDC min.
- Voltage breakdown: 1000VAC for 1 minute
- Contact resistance: 20mΩ @ 2.5VDC, 100mA max.

Hi-Rel/Low Current Switches

- PC mount • Rating: .3A/125VAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TC405	A	SPST	On-Off	1.63	1.56	1.50	1.44
10TC410	A	SPDT	On-On	1.70	1.64	1.58	1.51
10TC415	A	DPDT	On-On	2.07	1.99	1.91	1.84

- PC mount • Rating: .3A/30VDC

10TC412	A	SPDT	On-Off-On	1.79	1.72	1.65	1.59
10TC418	A	DPDT	On-Off-On	2.22	2.13	2.05	1.97

- PC mount • Rating: .3A/125VAC

10TC605	B	SPST	On-Off	1.40	1.34	1.29	1.24
10TC610	B	SPDT	On-On	1.45	1.39	1.34	1.29
10TC615	B	DPDT	On-On	1.81	1.74	1.67	1.61

- PC mount • Rating: .3A/30VDC

10TC612	B	SPDT	On-Off-On	1.57	1.52	1.46	1.40
10TC618	B	DPDT	On-Off-On	2.04	1.96	1.89	1.81

Hi-Rel Standard Lever Switches

- Solder terminals • Rating: 3A/125VAC • Gold plated contacts and terminals

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
10TA805	C	SPST	On-Off	1.65	1.59	1.53	1.47
10TA810	C	SPDT	On-On	1.74	1.67	1.61	1.54
10TA815	C	DPDT	On-On	2.17	2.09	2.01	1.93

Lever Switches

- Solder terminals • Rating: 3A/125VAC • Silver plated contacts and terminals

10TA305	D	SPST	On-Off	2.04	1.96	1.89	1.81
10TA310	D	SPDT	On-On	2.09	2.01	1.93	1.86
10TA315	D	DPDT	On-On	2.50	2.41	2.32	2.23

ULTRA MINIATURE SEALED TOGGLE SWITCHES

Specifications:

- Rating: 0.4VA, 28VAC or DC
- Contact resistance: 50mΩ max.
- Insulation resistance: 1000MΩ min.
- Operating temperature: -20°C to +80°C
- Operating Life: 100,000 cycles

Features:

- Plastic levers in stock, metal levers available
- Easily installed on crowded PC boards
- Ultra miniature and light weight
- Water resistant and dust proof
- Solderable at 270°C within 5 seconds or 350°C within 3 seconds

Black Insulated Baton Lever

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Price Each			
				1	10	100	500
PC Terminals							
108-MS200A-12	E	SPDT	On-On	3.51	3.38	3.25	3.12
108-MS200C-12	E	SPDT	On-Off-On	3.49	3.36	3.23	3.10
108-MS200F-12	E	DPDT	On-On	4.18	4.02	3.87	3.71
108-MS200H-12	E	DPDT	On-Off-On	4.33	4.17	4.01	3.85
Right Angle PC							
108-MS200A-22	F	SPDT	On-On	3.85	3.71	3.56	3.42
108-MS200C-22	F	SPDT	On-Off-On	3.83	3.69	3.55	3.41
108-MS200F-22	F	DPDT	On-On	4.84	4.66	4.48	4.30
108-MS200H-22	F	DPDT	On-Off-On	5.03	4.84	4.66	4.47
PC Terminals with Mounting Bracket							
108-MS200A-32	G	SPDT	On-On	3.40	3.27	3.15	3.02
108-MS200C-32	G	SPDT	On-Off-On	3.49	3.36	3.23	3.10
108-MS200F-32	G	DPDT	On-On	4.21	4.05	3.90	3.74
108-MS200H-32	G	DPDT	On-Off-On	4.33	4.17	4.01	3.85

MINIATURE SNAP SWITCHES (SPDT)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp Rating		Oper. Force (GMS.)	Travel (In.)	Price Each			
		@ 125 VAC	@ 250 VAC			1	10	100	500
101-1200	H	5A	5A	115	.030	1.24	1.04	.94	.85
101-1201	I	5A	3A	50	.05	1.24	1.04	.94	.85
101-1202	J	5A	5A	25	.087	1.24	1.04	.94	.85
101-1203	K	5A	5A	18	.125	1.24	1.04	.94	.85
101-1204	L	5A	5A	28	.86	1.24	1.04	.94	.85
101-1205	M	5A	5A	30	.063	1.46	1.21	1.11	1.01
101-1206	N	5A	5A	10	.224	1.24	1.04	.94	.85
101-1001	O	10A	6A	170	.05	1.55	1.29	1.16	1.05
101-1002	P	10A	6A	170	.12	1.86	1.55	1.33	1.21
101-1003	Q	10A	6A	140	.12	1.90	1.58	1.44	1.32

LEAF AND HOOK SWITCHES

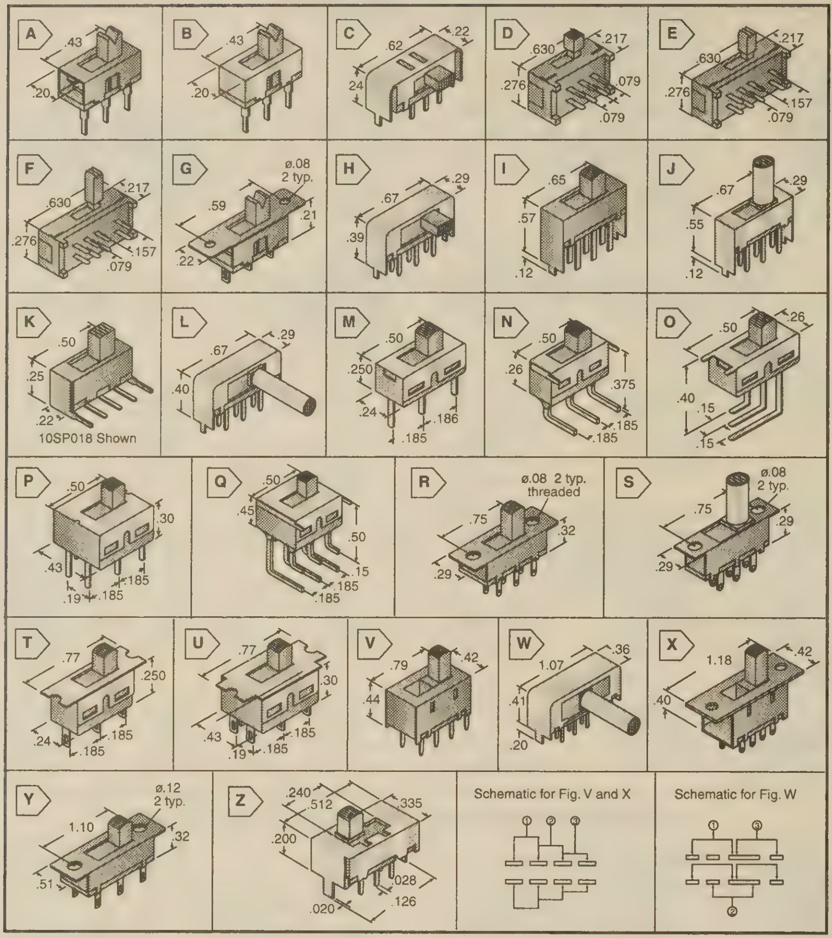
() = Momentary

MOUSER STOCK NO.	Fig.	Description	Type	Circuit	Price Each			
					1	10	100	500
101-1302	R	Leaf	SPST	On-(Off)	.31	.27	.26	.24
101-1306	S	Leaf	SPST	On-(Off)	.31	.27	.26	.24
101-1401	T	Hook	DPDT	- - -	.86	.77	.73	.68

Mountain Switch

Slide, Pushbutton, and Rocker Switches

DIMENSIONS (IN.)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10SP018 Shown

Schematic for Fig. V and X

Schematic for Fig. W

- Contact resistance: 10mΩ max.
- Insulation resistance: 1000MΩ min.
- Electrical life: 30,000 cycles
- Operating temperature: -30°C to +85°C

* Nickel pla

MINIATURE

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	Type	Circuit	Knob Ht. (In.)	Rating	Price Each		
						1	10	10
PC Terminals								
10SP001	A	SPDT	On-On	.15	.5A 50VDC	.34	.29	.2
* 10SP003	B	SPDT	On-On	.15	.5A 50VDC	.36	.31	.2
10SP013	C	SPDT	On-On	.14	.5A 50VDC	.42	.34	.2
102-1401	D	DPDT	On-On	.16	.3A 30VDC	.64	.49	.4
102-1402	E	DPDT	On-Off-On	.16	.3A 30VDC	.64	.49	.4
102-1501	D	DPDT	On-On	.20	.3A 30VDC	.73	.56	.5
102-1502	E	DPDT	On-Off-On	.20	.3A 30VDC	.73	.56	.5
102-1602	F	DPDT	On-Off-On	.33	.3A 30VDC	.79	.61	.5
Solder Terminals								
10SM007	G	SPDT	On-On	.16	.3A 125VDC	.45	.34	.3

SUBMINIATURE

For quantities greater than listed, call for quo

PC Terminals								
10SP012	H	DPDT	On-On	.28	.5A 50VDC	.34	.31	.2
10SP002	I	DPDT	On-On	.24	.3A 125VDC	.42	.34	.3
10SP004	I	DPDT	On-On	.47	.3A 125VDC	.42	.34	.3
10SL005	J	DPDT	On-On	.51	.5A 50VDC	.45	.39	.3
10SP018	K	SPDT	On-On	.15	.5A 50VDC	.43	.36	.3
10SP019	K	SPDT	On-On	.15	.5A 50VDC	.43	.36	.3
* 10SP020	Z	DPDT	On-On	.20	.3A 50VDC	.21	.17	.1
10SL009	L	DPDT	On-On	.59	.5A 50VDC	.50	.40	.3
102-1221	M	SPDT	On-On	.20	5A 120VAC	2.58	2.23	1.8
102-1261	N	SPDT	On-On	.186	5A 120VAC	2.92	2.52	2.1
102-1271	O	SPDT	On-On	.186	5A 120VAC	2.92	2.52	2.1
102-2221	P	DPDT	On-On	.20	5A 120VAC	4.69	4.09	3.4
102-2261	Q	DPDT	On-On	.186	5A 120VAC	5.78	4.92	4.1
Solder Terminals								
10SM002	R	DPDT	On-On	.35	.5A 50VDC	.34	.26	.2
10SL001	S	DPDT	On-On	.47	.5A 50VDC	.53	.45	.4
102-1211	T	SPDT	On-On	.20	5A 120VAC	2.49	2.17	1.8
102-2211	U	DPDT	On-On	.20	5A 120VAC	3.55	2.99	2.5
10SM003	R	DPDT	On-On	.23	.5A 50VDC	.34	.26	.2

STANDARD SIZE

For quantities greater than listed, call for quo

PC Terminals								
10SP015	V	DP3T	On-On-On	.36	.5A 50VDC	.69	.59	.54
10SL008	W	DP3T	On-On-On	.59	.5A 50VDC	.88	.70	.64
Solder Terminals								
10SP016	X	DP3T	On-On-On	.36	.5A 50VDC	.69	.59	.54
10SS002	Y	DPDT	On-On	.35	.5A 125VDC	1.08	.89	.82

Screws for 10SM002

For quantities greater than listed, call for quo

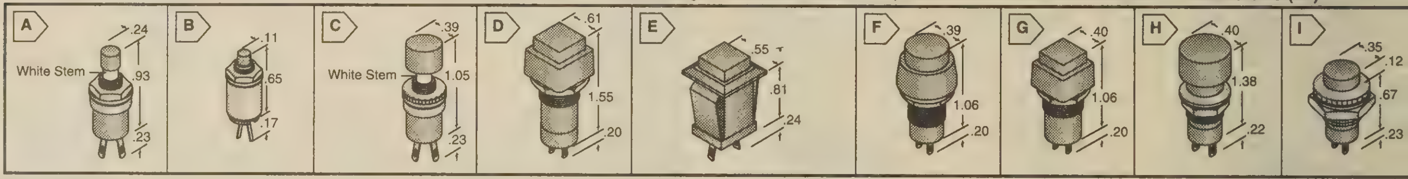
MOUSER STOCK NO.	Thread Size (mm)	Length (mm)	Price Each			
			1	100	1000	10,00
* 48SM004	M2 x 0.4	4	.12	.012	.011	.01
48SM006	M2 x 0.4	6	.12	.012	.011	.01

PUSHBUTTON SWITCHES

- Insulation resist.: 500VDC 100MΩ min.
- Dielectric strength: 1000VAC for 1 minute

† Stem color is the same as the button color.

DIMENSIONS (IN.)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.20
E
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.24
F
.39
1.06
.20
G
.40
1.06
.20
H
.40
1.38
.22
I
.35
.12
.67
.23

( ) = Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Rating VAC	Circuit	Color		Price Each		
					Frame	Button	1	10	100
103-1012	A	SPST	1.5A / 250V	Off-(On)	Silver	Red	.83	.70	.63
† 103-1112	A	SPST	1.5A / 250V	Off-(On)	Silver	Red	.83	.70	.63
103-1013	A	SPST	1.5A / 250V	Off-(On)	Silver	Black	.83	.70	.63
† 103-1113	A	SPST	1.5A / 250V	Off-(On)	Silver	Black	.83	.70	.63
103-1015	A	SPST	1.5A / 250V	On-(Off)	Silver	Red	.83	.70	.63
103-1016	A	SPST	1.5A / 250V	On-(Off)	Silver	Black	.83	.70	.63
103-1018	B	SPST	.5A / 125V	Off-(On)	Silver	Red	1.02	.85	.77
103-1019	B	SPST	.5A / 125V	Off-(On)	Silver	Black	1.02	.85	.77
103-1022	C	SPST	1.5A / 250V	Off-(On)	Silver	Red	1.07	.90	.81
† 103-1122	C	SPST	1.5A / 250V	Off-(On)	Silver	Red	1.07	.90	.81
103-1023	C	SPST	1.5A / 250V	Off-(On)	Silver	Black	1.07	.90	.81
† 103-1123	C	SPST	1.5A / 250V	Off-(On)	Silver	Black	1.07	.90	.81
103-1024	C	SPST	1.5A / 250V	On-(Off)	Silver	Red	1.07	.90	.81
103-1025	C	SPST	1.5A / 250V	On-(Off)	Silver	Black	1.07	.90	.81
103-1026	D	SPST	3.0A / 250V	Off-(On)	Black	Red	1.18	.99	.90
103-1028	D	SPST	3.0A / 250V	On-Off	Black	Red	1.18	.99	.90
103-1209	E	SPST	1.0A / 125V	Off-(On)	Black	Green	.83	.70	.63
103-1210	E	SPST	1.0A / 125V	Off-(On)	Black	Red	.83	.70	.63

( ) = Momentary

For quantities greater than listed, call for quo

MOUSER STOCK NO.	Fig.	Type	Rating VAC	Circuit	Color		Price Each		
					Frame	Button	1	10	100
103-1211	E	SPST	1.0A / 125V	Off-(On)	Black	Black	.83	.70	.63
103-1212	E	SPST	1.0A / 125V	On-(Off)	Black	Red	.83	.70	.63
103-1213	E	SPST	1.0A / 125V	On-(Off)	Black	Black	.83	.70	.63
103-1322	F	SPST	3.0A / 125V	Off-(On)	Black	Red	2.23	1.85	1.69
103-1323	F	SPST	3.0A / 125V	Off-(On)	Black	Black	2.23	1.85	1.69
103-1332	G	SPST	3.0A / 125V	Off-(On)	Black	Red	2.05	1.71	1.55
103-1422	F	SPST	1.0A / 125V	On-Off	Black	Red	2.46	2.06	1.85
103-1423	F	SPST	1.0A / 125V	On-Off	Black	Black	2.46	2.06	1.85
103-1432	G	SPST	3.0A / 125V	On-Off	Black	Red	2.72	2.28	2.05
103-1433	G	SPST	3.0A / 125V	On-Off	Black	Black	2.72	2.28	2.05
103-2022	H	SPST	3.0A / 230V	Off-(On)	Silver	Black	1.09	.91	.82
103-2031	H	SPST	3.0A / 230V	On-Off	Silver	Red	1.36	1.14	1.03
103-50210	I	SPST	3.0A / 125V	Off-(On)	Black	Black	1.65	1.39	1.27
103-50211	I	SPST	3.0A / 125V	Off-(On)	Black	Red	1.65	1.39	1.27
103-50220	I	SPST	3.0A / 125V	Off-(On)	Silver	Black	2.30	1.92	1.75
103-50221	I	SPST	3.0A / 125V	Off-(On)	Silver	Red	2.30	1.92	1.75

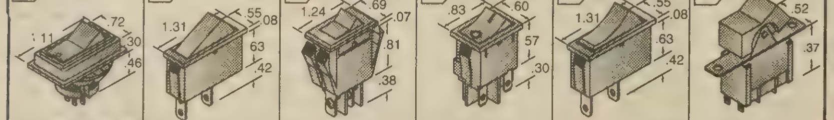
ROCKER SWITCHES

Specifications:

- Contact resistance: 50mΩ max.
- Insulation resistance: 500VDC 100MΩ min.
- Dielectric strength: 1500VAC for 1 minute

*

DIMENSIONS (IN.)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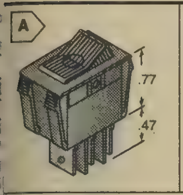
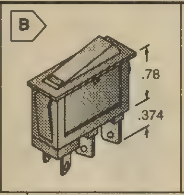
D
.83
.60
.57
.30
E
1.31
.55
.08
.63
.42
F
.52
.37

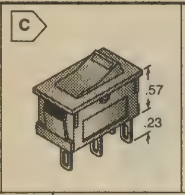
MOUSER STOCK NO.	Fig.	Type	Rating	Circuit	Price Each			
					1	10	100	50
103-R13-49A	A	SPST	6A / 125V	On-Off	1.61	1.34	1.22	1.1
* 103-R13-70A	B	SPST	16A / 125V	On-Off	1.51	1.25	1.14	1.0
* 103-R13-72A	C	SPST	15A / 125V	On-Off	1.67	1.39	1.27	1.1
103-R13-73A	D	DPST	10A / 125V	On-Off	2.03	1.69	1.54	1.4
* 103-R13-91A	E	SPST	16A / 125V	On-Off	1.51	1.25	1.14	1.0
Miniature								
* 1055-RA1120	F	SPST	6A @ 125V	On-Off	2.16	1.81	1.63	1.4
* 1055-RA1130	F	SPDT	6A @ 125V	On-On	2.32	1.94	1.75	1.5
* 103-7135	F	SPDT	5A @ 120V	On-Off-On	2.70	2.25	2.05	1.8
* 1055-RA1160	F	DPDT	6A @ 125V	On-On	3.05	2.54	2.31	2.1
* 1055-RA1165	F	DPDT	6A @ 125V	On-Off-On	3.22	2.69	2.44	2.3

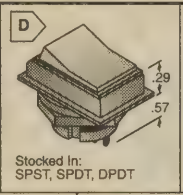
Mountain Switch Rocker and Pushbutton Switches

DIMENSIONS (IN.)

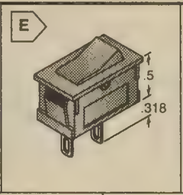


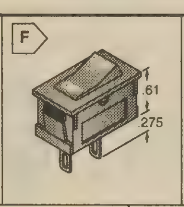


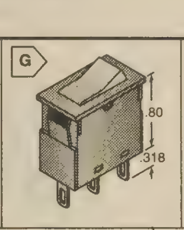


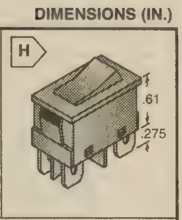


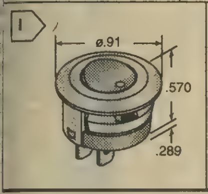
Stocked In:
SPST, SPDT, DPDT

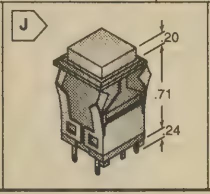


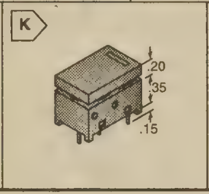


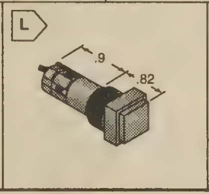


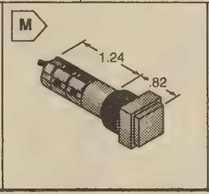


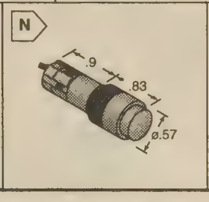


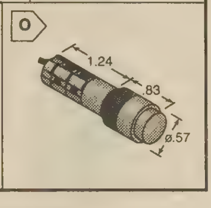












ILLUMINATED ROCKER SWITCHES

* E43907 LR26920

- Circuit: on-off
- Black switch body
- Solder terminals
- 2VDC LED (included), except on Fig. A 10DS322. 10DS322 has a 110VAC neon lamp with internal dropping resistor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Rating (AC)	Button Color	Dim. (In.) L	Dim. (In.) W	Mtg. Hole (In.)	Price Each 1	10	100
10DS322	A	SPST	15A 125V	Amber	1.26	.63	1.12x.55	3.65	3.51	3.38
10DS413	B	SPST	10A 125V	White LED	1.28	.42	1.27x.433	3.60	3.47	3.33
107-DS850K-0R	C	SPST	5A 125V	Red LED	.83	.59	.51x.76	2.53	2.43	2.34
107-DS850K-0G	C	SPST	5A 125V	Green LED	.83	.59	.51x.76	2.53	2.43	2.34
107-DS850K-0Y	C	SPST	5A 125V	Yel LED	.83	.59	.51x.76	2.53	2.43	2.34

ROCKER SWITCHES

* E43907 LR26920

- Insulation resistance: 100MΩ min. @ 500VDC
- Contact resistance: 20mΩ @ 1A 2.5VDC
- Breakdown voltage: 1500VAC for 1 minute
- Thread pitch: M18 x 1 (Fig.'s D & E)
- Frame color: black

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Rating (AC)	Button Color	Dim. (In.) L	Dim. (In.) W	Mtg. Hole (In.)	Price Each 1	10	100
Solder Terminals											
10DS388	D	SPST	On-Off	6A 125V	White	1.18	.79	.71	1.93	1.86	1.78
10DS389	D	SPDT	On-On	6A 125V	White	1.18	.79	.71	2.31	2.23	2.14
10DS390	D	DPDT	On-On	6A 125V	White	1.18	.79	.71	3.16	3.05	2.93
107-DS850K-00	E	SPST	On-Off	5A 125V	Black	.83	.59	.76x.51	1.29	1.24	1.19
107-DS850K-01	E	SPST	On-Off	5A 125V	Wht dot	.83	.59	.76x.51	1.32	1.27	1.22
107-DS850K-02	F	SPST	On-Off	5A 125V	On-Off	.83	.59	.75x.51	1.40	1.35	1.29
107-DS850A-00	G	SPDT	On-On	5A 125V	Black	.83	.59	.75x.51	2.15	2.07	1.99
.187" Faston Terminals											
107-DS850S-20	H	DPST	On-Off	10A/250V	Black	.83	.59	.76x.51	2.39	2.30	2.21
107-DS850S-21	H	DPST	On-Off	10A/250V	Wh dot	.83	.59	.76x.51	2.44	2.35	2.26
107-DS850S-22	H	DPST	On-Off	10A/250V	On-Off	.83	.59	.75x.51	2.47	2.38	2.29
107-DS850S-23	H	DPST	On-Off	10A/250V	I/O	.83	.59	.75x.51	2.47	2.38	2.29

ROUND ROCKER SWITCHES

- Ins. resistance: 100MΩ min. @ 500VDC
- Breakdown voltage: 1500VAC for 1 minute
- Rating: 5A @ 125VAC
- .187" Faston Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit	Type	Button Color	Frame Color	Mtg. Hole (In.)	Price Each 1	10	100
10DS059KG-B	I	Off-On	SPST	Black	Gold	.803	3.34	3.21	3.09
10DS059KG-R	I	Off-On	SPST	Red	Gold	.803	3.34	3.21	3.09
10DS059KC-B	I	Off-On	SPST	Black	Silver	.803	2.27	2.18	2.10
10DS059KC-R	I	Off-On	SPST	Red	Silver	.803	2.27	2.18	2.10
10DS059SWD-B	I	On-Off	DPST	Black	Black	.803	2.00	1.75	1.66
10DS059SWD-R	I	On-Off	DPST	Red	Black	.803	2.00	1.75	1.66

MINIATURE ILLUMINATED PUSHBUTTON SWITCHES

- Standard with 12V lamp or 2.0V LED (included)
- Contact resistance: 20mΩ max.
- Rated: 0.1A/30VDC
- Mounting hole: .5" x .5"
- Circuit: alternating DPST

( ) = Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit		Illuminated			Dim. (In.)		Price Each		
		Up Pos.	Down Pos.	Type	Volts	Button	L	W	1	10	100
107-MS800ELR	J	On-Off	Off-On	LED	2V	Red	.55	.55	4.24	4.09	3.93
107-MS800ELG	J	On-Off	Off-On	LED	2V	Green	.55	.55	4.24	4.09	3.93
107-MS800ELY	J	On-Off	Off-On	LED	2V	Yellow	.55	.55	4.24	4.09	3.93
107-MS800EFR	J	On-Off	Off-On	Lamp	12V	Red	.55	.55	5.15	4.96	4.77
107-MS800EFG	J	On-Off	Off-On	Lamp	12V	Green	.55	.55	4.90	4.72	4.54
107-MS800EFY	J	On-Off	Off-On	Lamp	12V	Yellow	.55	.55	5.15	4.96	4.77
107-MS800FLR	J	On-Off	(Off)-(On)	LED	2V	Red	.55	.55	3.99	3.84	3.69
107-MS800FLG	J	On-Off	(Off)-(On)	LED	2V	Green	.55	.55	3.99	3.84	3.69
107-MS800FLY	J	On-Off	(Off)-(On)	LED	2V	Yellow	.55	.55	3.99	3.84	3.69
107-MS800FFR	J	On-Off	(Off)-(On)	Lamp	12V	Red	.55	.55	4.90	4.72	4.54
107-MS800FFG	J	On-Off	(Off)-(On)	Lamp	12V	Green	.55	.55	4.90	4.72	4.54
107-MS800FFY	J	On-Off	(Off)-(On)	Lamp	12V	Yellow	.55	.55	4.90	4.72	4.54

MICRO ILLUMINATED PUSHBUTTON SWITCHES

- LED reverse voltage: 4V
- LED forward voltage (I_F=20mA): 2.1V
- LED forward current: 25mA
- LED included
- Circuit: SPST
- Rating: 1A/125VAC
- PC terminals

( ) = Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit	LED Color	Button Color	Dimensions (In.) L	Dimensions (In.) W	Price Each 1	10	100
107-6610	K	Off-(On)	Red	Black	.61	.39	1.98	1.91	1.83
107-6611	K	Off-(On)	Red	Gray	.61	.39	1.98	1.91	1.83
107-6612	K	Off-(On)	Green	Black	.61	.39	1.98	1.91	1.83
107-6613	K	Off-(On)	Green	Gray	.61	.39	1.98	1.91	1.83
107-6614	K	Off-(On)	Yellow	Black	.61	.39	2.01	1.93	1.86
107-6615	K	Off-(On)	Yellow	Gray	.61	.39	2.01	1.93	1.86

HI-REL LED ILLUMINATED PUSHBUTTON SWITCHES

- Instrument grade
- Rating: 1A/250VAC, 3A/125VAC
- Contact resistance: 10mΩ max.
- 2 VDC LED (included)
- Electrical life: 50,000 operations
- Thread pitch: M12 x 1

Square

( ) = Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Button Color	Dim. (In.) L	Dim. (In.) W	Mtg. Hole (In.)	Price Each 1	10	100
10PL051	L	SPDT	On-On	Red	.57	.57	.472	9.22	8.88	8.54
10PL053	L	SPDT	On-On	Yellow	.57	.57	.472	9.22	8.88	8.54
10PL056	L	SPDT	On-On	Green	.57	.57	.472	9.22	8.88	8.54
10PL061	M	DPDT	On-On	Red	.57	.57	.472	12.75	12.27	11.80
10PL063	M	DPDT	On-On	Yellow	.57	.57	.472	12.75	12.27	11.80
10PL066	M	DPDT	On-On	Green	.57	.57	.472	12.75	12.27	11.80
10PL071	L	SPDT	On-(On)	Red	.57	.57	.472	8.30	8.00	7.69
10PL073	L	SPDT	On-(On)	Yellow	.57	.57	.472	8.30	8.00	7.69
10PL076	L	SPDT	On-(On)	Green	.57	.57	.472	8.30	8.00	7.69
10PL091	M	DPDT	On-(On)	Red	.57	.57	.472	11.37	10.95	10.53
10PL093	M	DPDT	On-(On)	Yellow	.57	.57	.472	11.37	10.95	10.53
10PL096	M	DPDT	On-(On)	Green	.57	.57	.472	11.37	10.95	10.53

Round

( ) = Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Circuit	Button Color	Mtg. Hole (In.)	Price Each 1	10	100
10PL011	N	SPDT	On-On	Red	.472	9.22	8.88	8.54
10PL013	N	SPDT	On-On	Yellow	.472	9.22	8.88	8.54
10PL016	N	SPDT	On-On	Green	.472	9.22	8.88	8.54
10PL021	O	DPDT	On-On	Red	.472	12.75	12.27	11.80
10PL023	O	DPDT	On-On	Yellow	.472	12.75	12.27	11.80
10PL026	O	DPDT	On-On	Green	.472	12.75	12.27	11.80
10PL031	N	SPDT	On-(On)	Red	.472	8.30	8.00	7.69
10PL033	N	SPDT	On-(On)	Yellow	.472	8.30	8.00	7.69
10PL036	N	SPDT	On-(On)	Green	.472	8.30	8.00	7.69
10PL041	O	DPDT	On-(On)	Red	.472	11.40	10.97	10.55
10PL043	O	DPDT	On-(On)	Yellow	.472	11.40	10.97	10.55
10PL046	O	DPDT	On-(On)	Green	.472	11.40	10.97	10.55

REPLACEMENT LAMPS AND LEDS

These lamps and LEDs are replacements for lamps and LEDs in MS-800 and 10PL Series switches.

MOUSER STOCK NO.	Use With Series	Color	Type	Price Each 1	10	100	500
352-6141	107MS800	- - -	12V filament	2.31	1.92	1.75	1.59
352-6161	107MS800	- - -	28V filament	2.89	2.41	2.19	1.99
351-1611	107MS800	Red	LED	.97	.75	.68	.61
351-1621	107MS800	Green	LED	1.00	.77	.71	.64
351-1631	107MS800	Yellow	LED	1.05	.81	.71	.66
351-1511	10PL	Red	LED	2.14	1.79	1.62	1.47
351-1521	10PL	Green	LED	2.26	1.89	1.72	1.56
351-1531	10PL	Yellow	LED	2.26	1.89	1.72	1.56

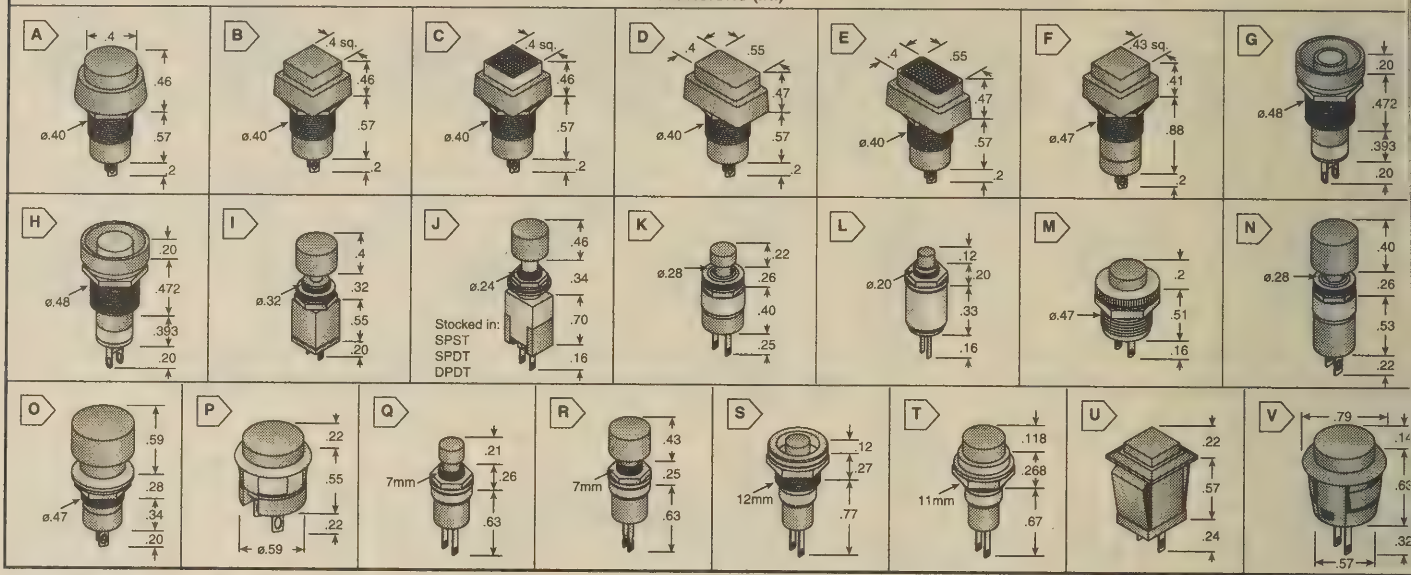
Quick Mount Replacement Tool

MOUSER STOCK NO.	Description	Price Each 1	10	100	500
382-0101	Replacement LED tool	.43	.31	.29	.26

Mountain Switch

Hi-Rel Pushbutton Switches

DIMENSIONS (IN.)



MINIATURE SOFT TOUCH

- Mechanical life: 100,000 operations
- Electrical life: 50,000 operations
- SPST
- Rating: 3A/125VAC, 1A/250VAC
- Button material: Metal is aluminum, all others are molded plastic

( )=Momentary

MOUSER STOCK NO.	Fig.	Button Color	Frame Color	Circuit	Price Each			
					1	10	100	500
Rating: 3A @ 125VAC								
10PA322	A	Red	Black	Off-(On)	1.67	1.61	1.55	1.49
10PP422	A	Red	Black	Off/On	1.85	1.78	1.71	1.64
10PA323	A	Black	Black	Off-(On)	1.67	1.61	1.55	1.49
10PP423	A	Black	Black	Off/On	1.85	1.78	1.71	1.64
10PA325	A	Silver	Black	Off-(On)	2.29	2.20	2.12	2.03
10PP425	A	Silver	Black	Off/On	2.47	2.38	2.28	2.19
10PA326	A	Silver	Silver	Off-(On)	2.90	2.79	2.69	2.58
10PP426	A	Silver	Silver	Off/On	3.09	2.97	2.86	2.74
10PA332	B	Red	Black	Off-(On)	1.70	1.63	1.57	1.51
10PP432	B	Red	Black	Off/On	1.88	1.81	1.74	1.67
10PA333	B	Black	Black	Off-(On)	1.70	1.63	1.57	1.51
10PP433	B	Black	Black	Off/On	1.88	1.81	1.74	1.67
10PA335	B	Silver	Black	Off-(On)	2.32	2.23	2.15	2.06
10PP435	B	Silver	Black	Off/On	2.49	2.40	2.31	2.21
10PA336	B	Silver	Silver	Off-(On)	2.93	2.82	2.71	2.61
10PP436	B	Silver	Silver	Off/On	3.11	2.99	2.88	2.76
10PA338	C	Silver	Black	Off-(On)	2.31	2.23	2.14	2.06
10PP438	C	Silver	Black	Off/On	2.49	2.40	2.31	2.21
10PA339	C	Silver	Silver	Off-(On)	2.93	2.82	2.71	2.60
10PP439	C	Silver	Silver	Off/On	3.11	3.00	2.88	2.77
10PA342	D	Red	Black	Off-(On)	1.65	1.59	1.53	1.47
10PP442	D	Red	Black	Off/On	1.82	1.76	1.69	1.62
10PA343	D	Black	Black	Off-(On)	1.65	1.59	1.53	1.47
10PP443	D	Black	Black	Off/On	1.82	1.76	1.69	1.62
10PA345	D	Silver	Black	Off-(On)	2.26	2.17	2.09	2.01
10PP445	D	Silver	Black	Off/On	2.44	2.35	2.26	2.17
10PA346	D	Silver	Silver	Off-(On)	2.88	2.77	2.66	2.56
10PP446	D	Silver	Silver	Off/On	3.06	2.95	2.83	2.72
10PA348	E	Silver	Black	Off-(On)	2.26	2.17	2.09	2.01
10PP448	E	Silver	Black	Off/On	2.44	2.35	2.26	2.17
10PA349	E	Silver	Silver	Off-(On)	2.88	2.77	2.66	2.56
10PP449	E	Silver	Silver	Off/On	3.06	2.95	2.83	2.72
Rating: 3A @ 250VAC								
107-MS198-RED	F	Red	Black	On-Off	2.34	2.25	2.16	2.08
107-MS198-BLK	F	Black	Black	On-Off	2.34	2.25	2.16	2.08
107-MS199-RED	F	Red	Black	Off-(On)	2.40	2.31	2.23	2.14

GUARDED

( )=Momentary

- Rating: 3A/125VAC
- Contact resistance: 20mΩ
- Voltage breakdown: 1000V for 1 minute
- SPST
- Mounting hole: .48"
- Solder terminals

107-1258S	G	Silver	Black	Off-On	2.39	2.29	2.19	2.10
107-1258R	G	Red	Black	Off-On	2.39	2.29	2.19	2.10
107-1258B	G	Black	Black	Off-On	2.39	2.29	2.19	2.10
107-1258BU	G	Blue	Black	Off-On	2.39	2.29	2.19	2.10
107-1259-B	G	Black	Black	Off-(On)	2.01	1.93	1.86	1.78
107-1259BU	G	Blue	Black	Off-(On)	1.98	1.91	1.84	1.76
107-1259-R	G	Red	Black	Off-(On)	1.98	1.91	1.84	1.76
107-1259-S	G	Silver	Black	Off-(On)	1.98	1.91	1.84	1.76
107-2259-R	G	Red	Gray	Off-(On)	1.98	1.91	1.84	1.76
107-2259-S	G	Silver	Gray	Off-(On)	1.98	1.91	1.84	1.76
107-2261C	H	Cream	Gray	Off-On	2.05	1.97	1.88	1.80
107-2261G	H	Gray	Gray	Off-On	2.05	1.97	1.88	1.80
107-2261R	H	Red	Gray	Off-On	2.05	1.97	1.88	1.80
107-1261B	H	Black	Black	Offf-On	2.05	1.97	1.88	1.80
107-1261C	H	Cream	Black	Off-On	2.05	1.97	1.88	1.80

GUARDED (cont.)

( )=Momenta

MOUSER STOCK NO.	Fig.	Button Color	Frame Color	Circuit	Price Each			
					1	10	100	500
107-1261G	H	Gray	Black	Off-On	2.05	1.97	1.88	1.80
107-1261R	H	Red	Black	Off-On	2.05	1.97	1.88	1.80
107-1262-R	H	Red	Black	Off-(On)	1.66	1.60	1.54	1.48
107-1262-B	H	Black	Black	Off-(On)	1.66	1.60	1.54	1.48
107-1262C	H	Cream	Black	Off-(On)	1.66	1.60	1.54	1.48
107-2262-R	H	Red	Gray	Off-(On)	1.66	1.60	1.54	1.48
107-2262-G	H	Gray	Gray	Off-(On)	1.66	1.60	1.54	1.48

STANDARD TOUCH

( )=Momenta

MOUSER STOCK NO.	Fig.	Type	Circuit	Button Color	Rating	Price Each			
						1	10	100	500
10PA201	I	SPST	Off-(On)	Red	3A 125V	1.62	1.56	1.50	1.44
10PA202	I	SPST	Off-(On)	Black	3A 125V	1.62	1.56	1.50	1.44
10PP221	J	SPST	On-Off	Red	3A 125V	2.59	2.49	2.40	2.30
10PP222	J	SPST	On-Off	Black	3A 125V	2.59	2.49	2.40	2.30
10PP231	J	SPDT	On-On	Red	3A 125V	2.74	2.64	2.54	2.44
10PP232	J	SPDT	On-On	Black	3A 125V	2.74	2.64	2.54	2.44
10PP241	J	DPDT	On-On	Red	3A 125V	3.29	3.17	3.04	2.92
10PP242	J	DPDT	On-On	Black	3A 125V	3.29	3.17	3.04	2.92
10PA220	K	SPST	Off-(On)	Red	1A 125V	1.05	1:01	.97	.93
10PA221	K	SPST	Off-(On)	Black	1A 125V	1.05	1.01	.97	.93
10PA018	L	SPST	Off-(On)	Red	.5A 125V	1.03	.99	.95	.91
10PA019	L	SPST	Off-(On)	Black	.5A 125V	1.03	.99	.95	.91
10PA080	M	SPST	Off-(On)	Black	1A 125V	1.39	1.34	1.29	1.23
10PA081	M	SPST	Off-(On)	Black	1A 125V	1.39	1.34	1.29	1.23
10PA111	N	SPST	Off-(On)	Red	1A 125V	1.21	1.17	1.12	1.08
10PA112	N	SPST	Off-(On)	Black	1A 125V	1.21	1.17	1.12	1.08
10PA121	N	SPST	On-(Off)	Red	1A 125V	1.45	1.40	1.34	1.29
10PA122	N	SPST	On-(Off)	Black	1A 125V	1.45	1.40	1.34	1.29
10PM031	O	SPST	On-Off	Red	3A 250V	2.24	2.15	2.07	1.99
10PM021	O	SPST	Off-(On)	Red	3A 250V	1.49	1.43	1.38	1.32
10PM022	O	SPST	Off-(On)	Black	3A 250V	1.49	1.43	1.38	1.32
10PT561	P	SPST	Off-(On)	Red	3A 125V	1.54	1.48	1.43	1.37
10PT562	P	SPST	Off-(On)	Black	3A 125V	1.54	1.48	1.43	1.37
10PT563	P	SPST	Off-(On)	Cream	3A 125V	1.54	1.48	1.43	1.37

STANDARD

- Solder terminals

( )=Momentar

104-0010	Q	SPST	Off-(On)	White	1A 125V	.79	.65	.60	.54
104-0011	Q	SPST	Off-(On)	Green	1A 125V	.79	.65	.60	.54
104-0012	Q	SPST	Off-(On)	Red	1A 125V	.79	.65	.60	.54
104-0013	Q	SPST	Off-(On)	Black	1A 125V	.79	.65	.60	.54
104-0014	Q	SPST	On-(Off)	Green	1A 125V	1.04	.86	.78	.71
104-0015	Q	SPST	On-(Off)	Red	1A 125V	1.04	.86	.78	.71
104-0016	Q	SPST	On-(Off)	Black	1A 125V	1.04	.86	.78	.71
10PA022	R	SPST	Off-(On)	Red	1A 125V	1.04	.86	.78	.71
10PA023	R	SPST	Off-(On)	Black	1A 125V	1.04	.86	.78	.71
10PA032	S	SPST	Off-(On)	Red	1A 125V	2.35	1.96	1.78	1.62
10PA033	S	SPST	Off-(On)	Black	1A 125V	2.35	1.96	1.78	1.62
104-0042	T	SPST	Off-(On)	Red	3A 125V	1.48	1.22	1.13	.99
104-0043	T	SPST	Off-(On)	Black	3A 125V	1.48	1.22	1.13	.99

MOLDED PLASTIC

- Solder terminals

( )=Momentar

MOUSER STOCK NO.	Fig.	Type	Circuit	Color	Rating	Price Each			
						1	10	100	500
10PA210	U	SPST	Off-(On)	Red	1A 125V	1.00	.96	.93	.89
10PA211	U	SPST	Off-(On)	Black	1A 125V	1.06	1.02	.98	.94
10PA005	V	SPST	Off-(On)	Red	3A 125V	.92	.89	.85	.82
107-DS412W	V	SPST	Off-(On)	White	3A 125V	.92	.89	.85	.82

Mountain Switch

Microminiature Keypad Switches and Caps

DIMENSIONS (IN.)

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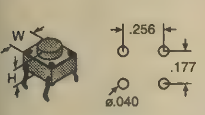

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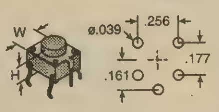

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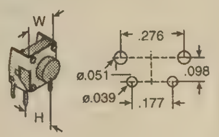

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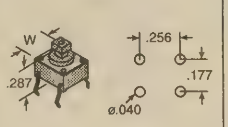

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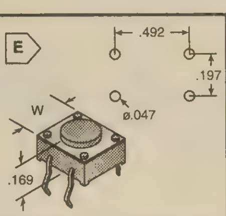

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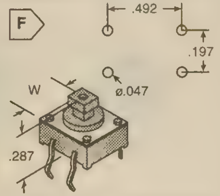

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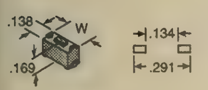

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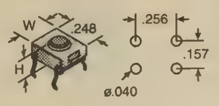

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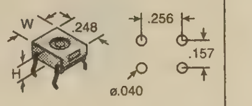

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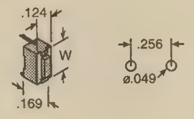

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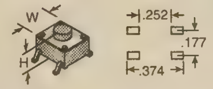

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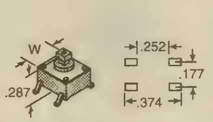

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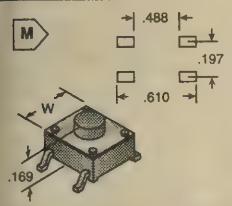

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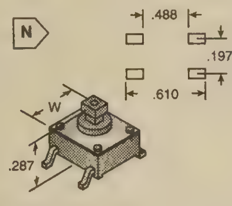

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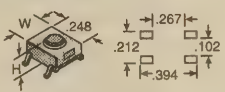

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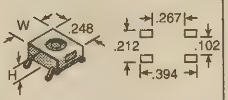

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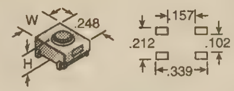

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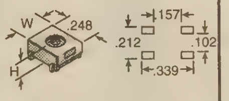


TACTILE SWITCH THRU HOLE TYPE

Features:

- Available sharp click feel with a positive tactile feedback. Due to small movement distance (stroke), user experiences distinct sensation when the switch "clicks" into place.
- Ultraminiature and light weight structure suitable for high density mounting. Economic but high reliability.
- Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.
- The washable type switches are designed to allow submersed washing after soldering

Standard

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Operating Force (gf)	Price Each			
		H	W		1	10	100	500
101-0161	A	.17	.236 sq.	130	.20	.17	.15	.14
101-0261	A	.20	.236 sq.	130	.20	.17	.15	.14
101-0361	A	.28	.236 sq.	130	.21	.17	.16	.15
101-0461	A	.37	.236 sq.	130	.21	.18	.16	.15
101-0162	B	.17	.236 sq.	130	.23	.19	.18	.16
101-0262	B	.20	.236 sq.	130	.23	.19	.18	.16
101-0362	B	.28	.236 sq.	130	.24	.20	.18	.17
101-0462	B	.37	.236 sq.	130	.24	.20	.18	.17
101-0163	C	.12	.244	130	.31	.26	.23	.21
101-0263	C	.15	.244	130	.31	.26	.23	.21
101-0363	C	.23	.244	130	.32	.27	.24	.22
101-0463	C	.33	.244	130	.31	.26	.23	.21
101-0661	D	.287	.236 sq.	160	.20	.17	.12	.11
101-0121	E	.169	.472 sq.	160	.34	.29	.20	.18
101-0621	F	.287	.472 sq.	160	.36	.30	.21	.19
101-0131	J	.169	.236	160	.20	.19	.17	.15

∗ Order caps A & B below for switches 101-0621 and 101-0624.
† Order caps C & D below for switches 101-0661 and 101-0664.

Washable

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Operating Force (gf)	Price Each			
		H	W		1	10	100	500
101-0265	H	.122	.244 sq.	160	.50	.44	.39	.33
101-0165	I	.090	.244 sq.	160	.50	.44	.39	.33
101-0365	H	.150	.244 sq.	160	.50	.44	.39	.33

TACTILE SWITCH SMT TYPE

Features:

- Available sharp click feel with a positive tactile feedback. Due to small movement distance (stroke), user experiences distinct sensation when the switch "clicks" into place.
- Ultraminiature and light weight structure suitable for high density mounting. Economic but high reliability.
- Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.
- The washable type switches are designed to allow submersed washing after soldering

Non-Waterproof Gull Wing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Operating Force (gf)	Price Each			
		H	W		1	10	100	500
101-0134	G	.169	.236	160	.27	.24	.21	.18
101-0164	K	.169	.236 sq.	160	.22	.20	.17	.15
101-0264	K	.197	.236 sq.	160	.22	.20	.17	.15
101-0364	K	.275	.236 sq.	160	.24	.21	.19	.16
101-0464	K	.374	.236 sq.	160	.26	.23	.20	.17
† 101-0664	L	.095	.236 sq.	160	.26	.23	.20	.17
101-0124	M	.169	.472 sq.	160	.31	.27	.24	.20
∗ 101-0624	N	.287	.472 sq.	160	.31	.27	.24	.20

∗ Order caps A & B below for switches 101-0621 and 101-0624.
† Order caps C & D below for switches 101-0661 and 101-0664.

Washable Gull Wing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Operating Force (gf)	Price Each			
		H	W		1	10	100	500
101-0266	O	.122	.244	160	.51	.46	.40	.34
101-0166	P	.090	.244	160	.51	.46	.40	.34
101-0366	O	.150	.244	160	.51	.46	.40	.34

Washable "J" Wing

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Operating Force (gf)	Price Each			
		H	W		1	10	100	500
101-0267	Q	.122	.244	160	.51	.46	.40	.34
101-0167	R	.090	.244	160	.51	.46	.40	.34
101-0367	Q	.150	.249	160	.51	.46	.40	.34

TACTILE SWITCH CAPS

Caps A & B are used with switches 101-0621 and 101-0624, caps C & D are used with switches 101-0661 and 101-0664.

A

B

C

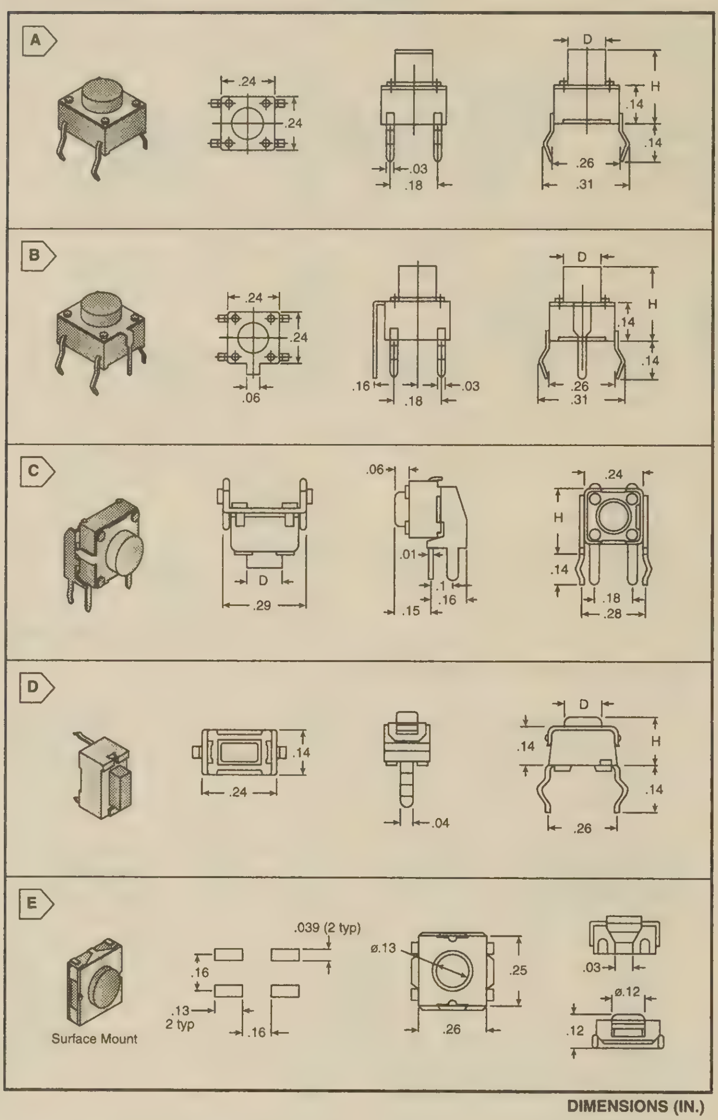
D

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shape	Color	Fits Size (In.)	Price Each			
					1	10	100	500
101-0116	A	Square	Blue	.472 sq.	.14	.12	.11	.09
101-0115	A	Square	Green	.472 sq.	.14	.12	.11	.09
101-0110	A	Square	Black	.472 sq.	.14	.12	.11	.09
101-0119	A	Square	Ivory	.472 sq.	.14	.12	.11	.09
101-0112	A	Square	Red	.472 sq.	.14	.12	.11	.09
101-0114	A	Square	Yellow	.472 sq.	.14	.12	.11	.09
101-0216	B	Round	Blue	.472 sq.	.14	.12	.11	.09
101-0215	B	Round	Green	.472 sq.	.14	.12	.11	.09
101-0210	B	Round	Black	.472 sq.	.14	.12	.11	.09
101-0219	B	Round	Ivory	.472 sq.	.14	.12	.11	.09
101-0212	B	Round	Red	.472 sq.	.14	.12	.11	.09
101-0214	B	Round	Yellow	.472 sq.	.14	.12	.11	.09

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shape	Color	Fits Size (In.)	Price Each			
					1	10	100	500
101-0106	C	Square	Blue	.236 sq.	.11	.10	.08	.07
101-0105	C	Square	Green	.236 sq.	.11	.10	.08	.07
101-0100	C	Square	Black	.236 sq.	.11	.10	.08	.07
101-0109	C	Square	Ivory	.236 sq.	.11	.10	.08	.07
101-0102	C	Square	Red	.236 sq.	.11	.10	.08	.07
101-0104	C	Square	Yellow	.236 sq.	.11	.10	.08	.07
101-0206	D	Round	Blue	.236 sq.	.11	.10	.08	.07
101-0205	D	Round	Green	.236 sq.	.11	.10	.08	.07
101-0200	D	Round	Black	.236 sq.	.11	.10	.08	.07
101-0209	D	Round	Ivory	.236 sq.	.11	.10	.08	.07
101-0202	D	Round	Red	.236 sq.	.11	.10	.08	.07
101-0204	D	Round	Yellow	.236 sq.	.11	.10	.08	.07



DIMENSIONS (IN.)

MEC TACTILE SWITCHES

Specifications:
- Push stroke: 0.25±.1mm
- Momentary on
- All SPST
- PC and surface mount versions
- Suitable for flow and reflow soldering
- Breakdown voltage: 250VAC for 1 minute
- Contact resistance: 100mΩ (max.)

PC Mount

Specifications:
- Insulation resistance: >100MΩ @100VDC (min.)
- Contact bounce: 5m sec. max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Operating Force (gf)	Price Each			
		H	D		1	10	100	500
Rating: 24VDC, 50mA		Life cycles: 100,000 min.		Temp. range: -25°C to +70°C				
101-0010	A	.17	.14	100	.30	.20	.18	.16
101-0011	A	.37	.14	160	.36	.24	.22	.20
101-0012	B	.17	.14	100	.36	.24	.22	.20
101-0013	C	.28	.14	100	.41	.32	.25	.23
Rating: 16VDC, 20mA		Life cycles: 50,000 min.		Temp. range: -20°C to +70°C				
101-0014	D	.20	.12	180	.41	.32	.25	.23

Surface Mount

Specifications:
- Rating: 15VDC, 20mA
- Insulation resistance: 50MΩ @ 100VDC min.
- Operating life cycles: 100,000 (min.)
- Contact bounce: 3m sec. max. (on), 10m sec. max. (off)
- Operating temperature range: -20°C to +70°C

To order reel add "/REEL" to Mouser Stock No.

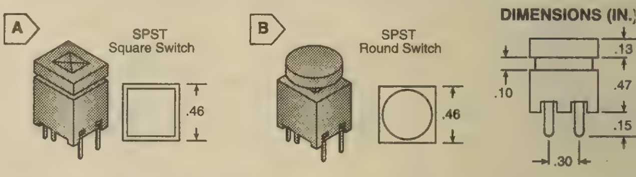
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Operating Force (gf)	Price Each			Price Per Reel of 500
			1	10	100	
101-0015	E	130	.89	.73	.66	300.00

Mountain Switch ILLUMINATED & NON-ILLUMINATED MIDGET PC MOUNT PUSHBUTTON SWITCHES

Features:
- Quality switch
- Removable cap
- Illuminated button colors: red, green, and yellow
- Non-illuminated button colors: red, black, and white
- Available with round or square caps

Specifications:
- Rating: 3A @ 125VAC
- Insulation resistance: 100MΩ min. @ 500VDC
- Breakdown voltage: 1000VAC for 1 minute
- Contact resistance: 20mΩ max. @ 1A/2.5VDC
- Mechanical life: 50,000 operations
- Illuminated switches: 2VDC LED luminous intensity @ 100μA (mcd): red 8.0 (typ.), green 8.0 (typ.), and yellow 4.0 (typ.)



Non-Illuminated Switches

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	100
Off-On					
107-DS662-3RED	A	Red	3.08	2.96	2.85
107-DS662-3BLK	A	Black	3.08	2.96	2.85
107-DS662-3WHT	A	White	3.08	2.96	2.85
107-DS662-1RED	B	Red	3.08	2.96	2.85
107-DS662-1BLK	B	Black	3.08	2.96	2.85
107-DS662-1WHT	B	White	3.08	2.96	2.85
Off-(On) ( ) = Momentary Contact					
107-DS662-7RED	A	Red	2.64	2.54	2.44
107-DS662-7BLK	A	Black	2.64	2.54	2.44
107-DS662-7WHT	A	White	2.64	2.54	2.44
107-DS662-5RED	B	Red	2.64	2.54	2.44
107-DS662-5BLK	B	Black	2.64	2.54	2.44
107-DS662-5WHT	B	White	2.64	2.54	2.44

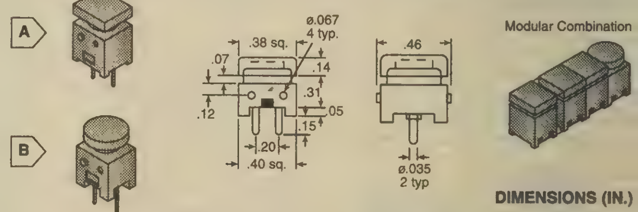
Illuminated Switches

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	Color	Price Each		
			1	10	100
Off-On					
107-DS662-4RED	A	Red	4.23	4.07	3.92
107-DS662-4GRN	A	Green	4.23	4.07	3.92
107-DS662-4YEL	A	Yellow	4.23	4.07	3.92
107-DS662-2RED	B	Red	4.23	4.07	3.92
107-DS662-2GRN	B	Green	4.23	4.07	3.92
107-DS662-2YEL	B	Yellow	4.23	4.07	3.92
Off-(On) ( ) = Momentary Contact					
107-DS662-8RED	A	Red	3.76	3.62	3.48
107-DS662-8GRN	A	Green	3.76	3.62	3.48
107-DS662-8YEL	A	Yellow	3.76	3.62	3.48
107-DS662-6RED	B	Red	3.76	3.62	3.48
107-DS662-6GRN	B	Green	3.76	3.62	3.48
107-DS662-6YEL	B	Yellow	3.76	3.62	3.48

Mountain Switch MIDGET PUSHBUTTON SWITCHES

Specifications:
- Rating: 1A @ 125VAC
- Insulation resistance: 100MΩ min.
- PC terminals
- Contact resistance: 20mΩ max.
- Breakdown voltage: 1000VAC for 1 minute
- Reliability: 50,000 mechanical operations, 30,000 electrical operations
- Circuit: Off-(On), ( ) = Momentary Contact



Soft Touch **Tactile Touch**

For quantities greater than listed, call for qu

MOUSER STOCK NO.	Fig.	MOUSER STOCK NO.	Fig.	Button Color	Price Each		
					1	10	100
Square							
10KB041	A	10KB031	A	Red	1.04	1.00	.96
10KB042	A	10KB032	A	Black	1.04	1.00	.96
10KB045	A	10KB035	A	White	1.04	1.00	.96
Round							
10KB021	B	10KB011	B	Red	1.04	1.00	.96
10KB022	B	10KB012	B	Black	1.04	1.00	.96
10KB025	B	10KB015	B	White	1.04	1.00	.96

ROTARY SWITCHES

eatures:
- Commercial, consumer, and industrial applications
- Supplied with nut and washer
- Solid brass bushings, solid aluminum shafts, plated frame, phenolic contact wafer

pecifications:
- Contact rating: 0.3A @ 125VAC
- Insulation resistance: 10M Ω min.
- Contact resistance: 30m Ω max.
- Breakdown voltage: 500VAC for 60 seconds
- Rotational torque: 1 to 3Kg/Cm
- Rotational life: 10,000 cycles

Shorting 1/4" Round Shaft (Make-Before-Break)

MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each 1	10	100
Solder Terminals						
10WW017	A	1	7	1.54	1.28	1.16
10WW019	A	1	9	1.54	1.28	1.16
10WW025	A	2	5	1.54	1.28	1.16
10WW026	A	2	6	1.54	1.28	1.16
10WW033	A	3	3	1.54	1.28	1.16
10WW034	A	3	4	1.54	1.28	1.16
10WW042	A	4	2	1.54	1.28	1.16
10WW043	A	4	3	1.54	1.28	1.16
10WW062	A	6	2	1.54	1.28	1.16
10WW112	A	1	12	1.54	1.28	1.16
10WR027	B	2	7	3.17	2.65	2.41
10WR212	B	2	12	3.17	2.65	2.41
10WR045	B	4	5	3.17	2.65	2.41
10WR046	B	4	6	3.17	2.65	2.41
10WR064	B	6	4	3.17	2.65	2.41

Non-Shorting 1/4" Round Shaft (Break-Before-Make)

MOUSER STOCK NO.	Fig.	Poles	Positions	Price Each 1	10	100
Solder Terminals						
10YX025	A	2	5	1.57	1.31	1.19
10YX026	A	2	6	1.57	1.31	1.19
10YX034	A	3	4	1.57	1.31	1.19
10YX043	A	4	3	1.57	1.31	1.19
10YX062	A	6	2	1.57	1.31	1.19
10YX112	A	1	12	1.57	1.31	1.19

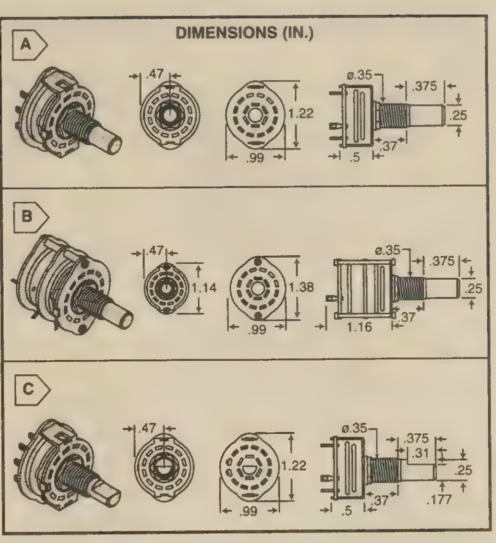
Non-Shorting 1/4" D-Shaft (Break-Before-Make)

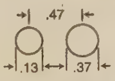
Solder Terminals						
10YD025	C	2	5	1.67	1.40	1.28
10YD026	C	2	6	1.67	1.40	1.28
10YD034	C	3	4	1.67	1.40	1.28
10YD043	C	4	3	1.67	1.40	1.28
10YD062	C	6	2	1.67	1.40	1.28
10YD112	C	1	12	1.67	1.40	1.28

Non-Shorting 1/4" Round-Shaft (Break-Before-Make)

PCB Pins						
10YQ018	A	1	8	1.57	1.31	1.19
10YQ025	A	2	5	1.57	1.31	1.19
10YQ026	A	2	6	1.57	1.31	1.19
10YQ034	A	3	4	1.57	1.31	1.19
10YQ043	A	4	3	1.57	1.31	1.19
10YQ062	A	6	2	1.57	1.31	1.19
10YQ110	A	1	10	1.57	1.31	1.19
10YQ112	A	1	12	1.57	1.31	1.19

DIMENSIONS (IN.)





Mounting holes for all figures above.

Replacement Hardware

The rotary switches are supplied with one nut and one washer. See hardware section for more hardware.

MOUSER STOCK NO.	Type	Size (mm)	Price Each 1	100	1000
48AN009	Nut	9	.27	.027	.025
48CW009	Washer	9	.13	.013	.011

HI-REL FULLY ENCLOSED ADJUSTABLE ROTARY SWITCHES

Features:
- Fully enclosed contacts
- Glass filled nylon
- Nylon design provides maximum shock hazard protection.

Specifications:
- Working voltage: 300VAC or 300VDC max.
- Breakdown voltage: 1000VRMS @ 25°C
- Contact resistance: less than 50mΩ max.
- Index angle: 30°
- Contact life: over 10,000 operations
- Contact rating: .35A @ 110VAC or DC
  .15A @ 250VAC or DC
- Contact plating: .0001" silver

Price Each 1	10	100	500
2.57	2.14	1.94	1.77

Shorting 1/4" Round Shaft (Make-Before-Break)

MOUSER STOCK NO.	Poles	Positions (User Selectable)	Shaft Length (In.)
Solder Terminals			
105-13571	1	2 - 12	3/8
105-13572	2	2 - 6	3/8
105-13573	3	2 - 4	3/8
105-13574	4	2 - 3	3/8

Shorting 1/4" D-Shaft (Make-Before-Break)

MOUSER STOCK NO.	Poles	Positions (User Selectable)	Shaft Length (In.)
Solder Terminals			
10WA324	1	2 - 12	1 3/16
10WA325	2	2 - 6	1 3/16
10WA326	3	2 - 4	1 3/16
10WA327	4	2 - 3	1 3/16
10WA364	1	2 - 12	1/2
10WA365	2	2 - 6	1/2
10WA366	3	2 - 4	1/2
10WA367	4	2 - 3	1/2
10WA354	1	2 - 12	3/8
10WA355	2	2 - 6	3/8
10WA356	3	2 - 4	3/8
10WA357	4	2 - 3	3/8
PC Terminals			
10WA344	1	2 - 12	1 3/16
10WA345	2	2 - 6	1 3/16
10WA346	3	2 - 4	1 3/16
10WA347	4	2 - 3	1 3/16

Non-Shorting 1/4" Round Shaft (Break-Before-Make)

MOUSER STOCK NO.	Poles	Positions (User Selectable)	Shaft Length (In.)
Solder Terminals			
105-14571	1	2 - 12	3/8
105-14572	2	2 - 6	3/8
105-14573	3	2 - 4	3/8
105-14574	4	2 - 3	3/8
PC Terminals			
105-2454	1	2 - 12	3/8
105-2455	2	2 - 6	3/8
105-2456	3	2 - 4	3/8
105-2457	4	2 - 3	3/8

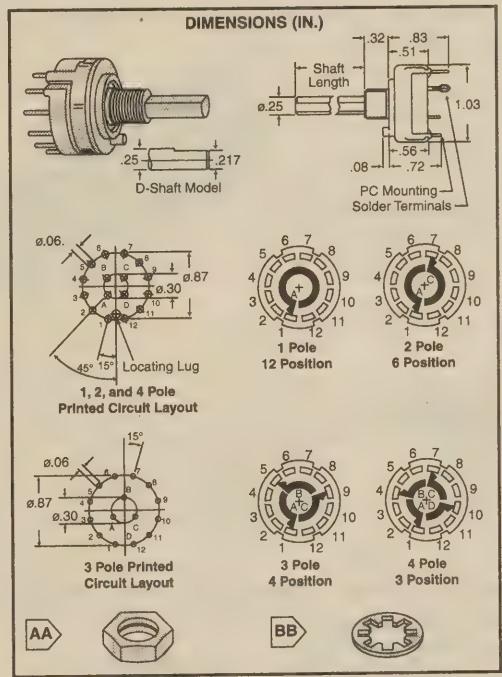
Non-Shorting 1/4" D-Shaft (Break-Before-Make)

Solder Terminals			
10WA124	1	2 - 12	1 3/16
10WA125	2	2 - 6	1 3/16
10WA126	3	2 - 4	1 3/16
10WA127	4	2 - 3	1 3/16
10WA164	1	2 - 12	1/2
10WA165	2	2 - 6	1/2
10WA166	3	2 - 4	1/2
10WA167	4	2 - 3	1/2
10WA154	1	2 - 12	3/8
10WA155	2	2 - 6	3/8
10WA156	3	2 - 4	3/8
10WA157	4	2 - 3	3/8
PC Terminals			
10WA144	1	2 - 12	1 3/16
10WA145	2	2 - 6	1 3/16
10WA146	3	2 - 4	1 3/16
10WA147	4	2 - 3	1 3/16
10WA134	1	2 - 12	1/2
10WA135	2	2 - 6	1/2
10WA136	3	2 - 4	1/2
10WA137	4	2 - 3	1/2
10WA174	1	2 - 12	3/8
10WA175	2	2 - 6	3/8
10WA176	3	2 - 4	3/8
10WA177	4	2 - 3	3/8

REPLACEMENT HARDWARE

MOUSER STOCK NO.	Fig.	Size (mm)	Price Each 1	100	1000
481-0095	AA	M9.5 x .75	.96	.24	.21
481-0680	BB	10	.56	.056	.050

DIMENSIONS (IN.)



CONTINUOUS ROTATION SWITCHES

Non-Shorting 1/4" D-Shaft (Break-Before-Make)

MOUSER STOCK NO.	Poles	Positions (Max.)	Shaft Length (In.)	Price Each 1	10	100
Solder Terminals						
10WC204	1	12	3/8	2.57	2.14	1.94
10WC205	2	6	3/8	2.57	2.14	1.94
10WC224	1	12	1/2	2.57	2.14	1.94
10WC225	2	6	1/2	2.57	2.14	1.94
10WC244	1	12	1 3/16	2.57	2.14	1.94
10WC245	2	6	1 3/16	2.57	2.14	1.94
PC Terminals						
10WC404	1	12	3/8	2.57	2.14	1.94
10WC405	2	6	3/8	2.57	2.14	1.94
10WC444	1	12	1 3/16	2.57	2.14	1.94
10WC445	2	6	1 3/16	2.57	2.14	1.94

Mountain Switch Binary, Hexadecimal, and Thumbwheel Switches

MINIATURE BINARY-CODED ROTARY SWITCHES

True

Output Codes		Position	Code			
			1	2	4	8
(I)	(II)	0				
		1	•			
		2		•		
		3	•	•		
		4			•	
		5	•		•	
		6		•	•	
		7	•	•	•	
		8				•
		9	•			•
		A		•		•
		B	•	•		•
		C			•	•
		D	•		•	•
		E		•	•	•
		F	•	•	•	•

Compliment

Output Codes		Position	Code			
			1	2	4	8
(III)	(IV)	0	•	•	•	•
		1		•	•	•
		2	•		•	•
		3			•	•
		4	•	•		•
		5		•		•
		6	•			•
		7				•
		8	•	•	•	
		9		•	•	
		A	•		•	
		B			•	
		C	•	•		
		D		•		
		E	•			
		F				

Specifications:
- Rating: 50VDC @ 100mA (non-switching)
  5VDC @ 100mA (switching)
- Contact resistance: 100mΩ max.
- Breakdown voltage: 250VAC
- Insulation resistance: 1000MΩ min.

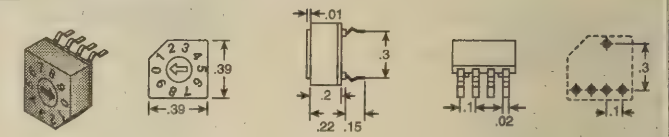
Features:
- Miniature size
- DIP mounting
- Gold-plated contacts
- O-ring flex seal
- High rel/high stability
- True and compliment output series
- BCD and hex code configuration

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Positions	Code Configuration	Price Each		
				1	10	25
106-MS830-10RS	A	10 (II)	True binary-coded decimal	4.15	4.00	3.84
106-MS830-10CS	A	10 (IV)	Comp. binary-coded decimal	4.15	4.00	3.84
106-MS830-16RS	B	16 (I)	True binary-coded hexadecimal	4.29	4.13	3.97
106-MS830-16CS	B	16 (III)	Comp. binary-coded hexadecimal	4.29	4.13	3.97

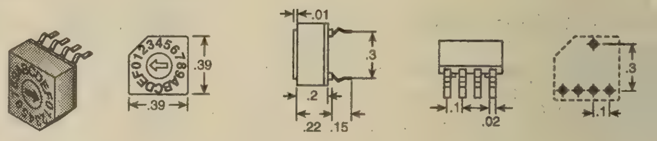
A

DIMENSIONS (IN.)



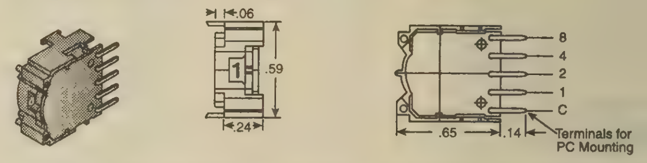
B

DIMENSIONS (IN.)



C

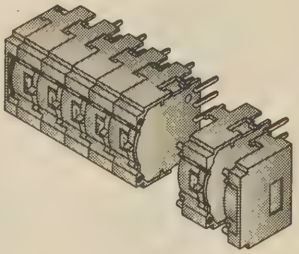
DIMENSIONS (IN.)



MINIATURE THUMBWHEEL SWITCHES

Features:
- PC mounting
- True output
- Black color

Electrical Specifications:
- Rating: switching load capacity 28V/50mA DC (resistive load)
- Continuous current: 100mA max.
- Contact resistance: (initial): 250mΩ max.
- Insulation resistance: 100MΩ min.
- Breakdown voltage: 250VAC



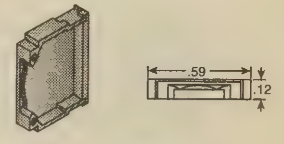
Truth Table

Dial	Terminal Connected to Common			
	8	4	2	1
0				
1				•
2			•	
3			•	•
4		•		
5		•		•
6		•	•	
7		•	•	•
8	•			
9	•			•

For quantities greater than listed, call for quote.

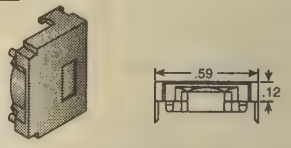
MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	100
106-9801	C	Single section, decimal switch	5.26	4.57	4.16
106-9802	D	Flush mount end plate, left	.62	.52	.45
106-9803	E	Flush mount end plate, right	.62	.52	.45
106-9804	F	Rear mount end plate, left	.62	.52	.45
106-9805	G	Rear mount end plate, right	.62	.52	.45

D



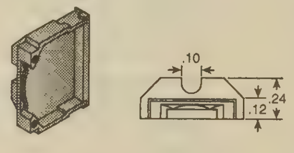
DIMENSIONS (IN.)

E



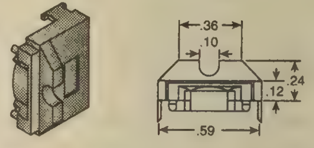
DIMENSIONS (IN.)

F



DIMENSIONS (IN.)

G



DIMENSIONS (IN.)

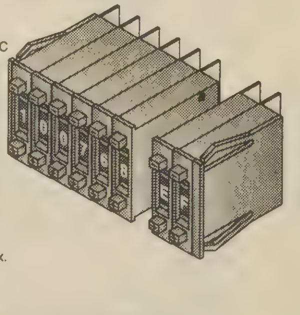
HEXADECIMAL PUSHWHEEL SWITCHES AND ACCESSORIES

Mechanical Specifications:
- Mechanical life: 200,000 operations
- Electrical life: 100,000 operations
- Operating temperature: -20°C to +65°C

Features:
- Pushwheel actuation
- Front mounting
- Hexadecimal switch
- Snap fit connects and mounts easily without rods or nuts
- Easy to read numbers
- Termination: PCB with solder holes

Electrical Specifications:
- Operating voltage: 50VAC/28VDC max.
- Switching current: 100mA max.
- Carrying current: 1A max.
- Contact resistance: 200mΩ max.
- Insulation resistance: between common and any output: 10MΩ min.
  between output and non-carrying part: 1000MΩ min.
- Breakdown voltage (for 1 minute): between common and any output: 800VAC
  between output and non-carrying part: 1000VAC

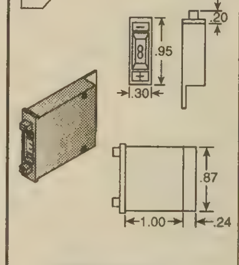
Material:
- Housing, blanks, endcaps, wheels, and pushwheel: black thermoplastic
- Contacts: hard gold on phosphor bronze
- Printed circuit boards: hard gold over nickel plate on .031" epoxy laminate



Truth Table

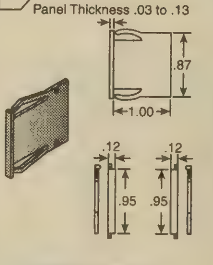
Wheel	C Connected to Terminals				
	1	2	4	8	C
0					•
1	•				•
2		•			•
3	•	•			•
4			•		•
5	•		•		•
6		•	•		•
7	•	•	•		•
8				•	•
9	•			•	•
A		•		•	•
B	•	•		•	•
C			•	•	•
D	•		•	•	•
E		•	•	•	•
F	•	•	•	•	•

A



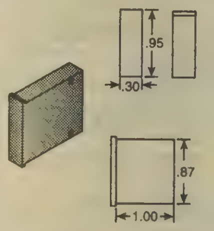
DIMENSIONS (IN.)

B



DIMENSIONS (IN.)

C



DIMENSIONS (IN.)

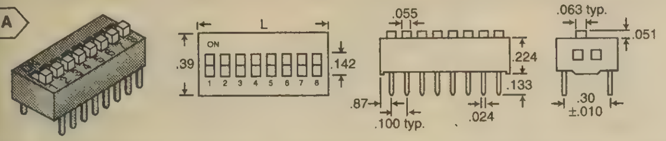
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	50
106-9904	A	Single section, hexadecimal switch	6.77	6.15	5.59
106-9905	A	Single section, BCD 10 position	5.66	5.11	4.76
106-9901	B	Standard width end cap, right	.69	.55	.48
106-9902	B	Standard width end cap, left	.69	.55	.48
106-9903	C	Standard width blank	1.43	1.19	1.09

Mountain Switch DIP Switches

DIMENSIONS (IN.)

A



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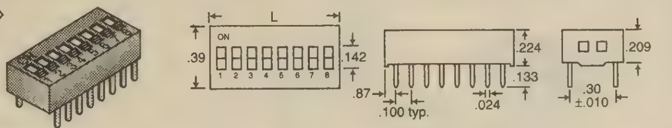

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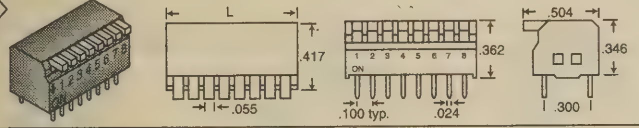

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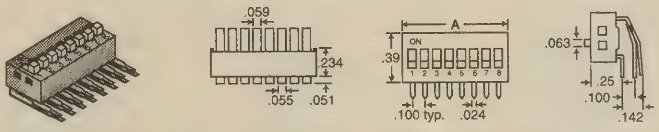

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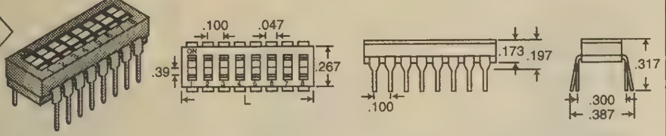

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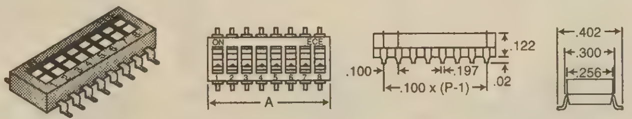


HI-REL STANDARD DIP SWITCHES

Features:

- Mechanical life: 10,000 operation min. per switch
- Electrical life: 5000 operation min. per switch 50mA, 24VDC
- Operation force: less than 800g
- Non-switching: 100mA, 50VDC
- Switching: 50mA, 24VDC
- Circuit: single pole single throw

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Length (In.)	Price Each			
					1	10	50	100
106-1202	A	2	SPST	.239	1.08	.99	.94	.89
106-1204	A	4	SPST	.439	1.13	1.09	1.02	.96
106-1206	A	6	SPST	.639	1.22	1.12	1.07	1.02
106-1208	A	8	SPST	.839	1.31	1.16	1.10	1.05

LOW PROFILE DIP SWITCHES

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Length (In.)	Price Each			
					1	10	50	100
106-1214	B	4	SPST	.439	1.13	1.09	1.02	.96
106-1218	B	8	SPST	.839	1.31	1.16	1.10	1.05

SIDE ACTUATED DIP SWITCHES

Features:

- Mechanical life: 5,000 operation min. per switch
- Electrical life: 2000 operation min. per switch 50mA, 24VDC
- Operation force: 400g ±200g
- Non-switching: 100mA, 50VDC
- Switching: 50mA, 24VDC
- Circuit: single pole single throw

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Length (In.)	Price Each			
					1	10	50	100
106-1234	C	4	SPST	.446	1.49	1.37	1.30	1.24
106-1238	C	8	SPST	.846	1.70	1.53	1.46	1.40

RIGHT ANGLE DIP SWITCHES

Specifications:

- Mechanical life: 10,000 operation min. per switch
- Electrical life: 5,000 operation min. per switch 50mA, 24VDC
- Operation force: less than 800g
- Non-Switching: 100mA, 50VDC
- Switching: 50mA, 24VDC

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Dimension "A" (In.)	Price Each			
					1	10	50	100
106-1254	D	4	SPST	.439	1.75	1.63	1.52	1.38
106-1258	D	8	SPST	.839	2.16	1.80	1.64	1.49

MACHINE INSERTABLE ULTRA-LOW PROFILE DIP SWITCHES

Features:

- Splay terminals allow for automatic insertion by IC insertion machine
- Recessed actuator for low profile
- Double contact offers high reliability
- Insert molding of terminals and ultra-sonic welding improve flux proofness

Mechanical Specifications:

- Mechanical life: 5,000 operation per switch
- Operation force: less than 800g
- Stroke: 1.0mm
- Operation method: slide
- Operation temperature: -40°C to +85°C
- Storage temperature: -40°C to +85°C

Electrical Specifications:

- Electrical life: 2000 operation min. per switch-24VDC
- Non-switching rating: 100mA, 50VDC
- Switching rating: 50mA, 24VDC
- Contact resistance: 30mΩ max. initial
  100mΩ max. at end of life
- Insulation resistance: 100M min. @ end of life
- Dielectric strength: 500VDC / 1 minute
- Capacitance: 5pF max. between adjacent closed switch. Frequency 1MHz
- Circuit: single pole single throw

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Length (In.)	Price Each			
					1	10	100	500
106-1222	E	2	SPST	.198	1.35	1.13	1.02	.93
106-1224	E	4	SPST	.398	1.40	1.27	1.16	1.06
106-1226	E	6	SPST	.598	1.73	1.44	1.31	1.19
106-1228	E	8	SPST	.880	1.49	1.35	1.29	1.24

SURFACE MOUNT DIP SWITCHES

Features:

- End stackable for standard 0.1" IC pitch
- Molded 0.3" IC packing outline for automatic insertion
- Top tape sealed
- Materials: UL 94V-0 grade fire retardant plastics
- Contacts: gold plated
- Terminal: tin plated

Electrical Specifications:

- Contact rating: switching: 25mA, 24VDC
  non-switching: 100mA, 50VDC
- Contact resistance: initial: 50mΩ max.
  after life test: 100mΩ max.
- Insulation resistance: 1,000MΩ min. @ 100VDC
- Dielectric strength: 500VDC min. for 1 minute
- Capacitance between adjacent switches: 5pF max.

Mechanical and Environmental Specifications:

- Operating temperature: -25°C to +70°C
- Storage temperature: -40°C to +85°C
- Operation force: 800g max.
- Operation life: 2,000 operations
- Solderability: after flux 230 ± 5°C for 5 ± 0.5 second 95% coverage

MOUSER STOCK NO.	Fig.	No. of Positions	Circuit	Dimension "A" (In.)	Price Each			
					1	10	50	100
106-1242	F	2	SPST	.198	1.58	1.46	1.35	1.23
106-1244	F	4	SPST	.398	1.74	1.60	1.48	1.35
106-1246	F	6	SPST	.598	1.79	1.65	1.57	1.50
106-1248	F	8	SPST	.798	1.86	1.71	1.63	1.56

HI-REL SINGLE CIRCUIT DIP SWITCH

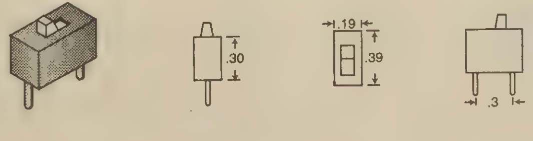
Leads are on 0.3" standard spacing centers. This DIP switch is sealed at the base with a thermo-setting plastic to provide complete protection against solder flux contamination.

Specifications:

- Operation force: 3.5 to 28 oz.
- Stroke: .078 ± .02
- Non-switching: 50VDC @ 500mA
- Switching: 24VDC @ 300mA
- Contact resistance: 50mΩ max.
- Insulation resistance: 100MΩ min.) between terminals
- Breakdown voltage: 500VDC for one minute
- Operation temperature: -20°C to +60°C

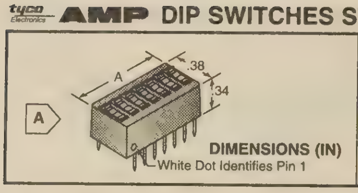
MOUSER STOCK NO.	Circuit	Length (In.)	Price Each			
			1	10	50	100
10JS001	SPST	.19	2.43	2.03	1.84	1.67

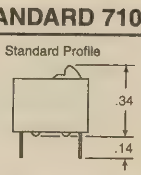
DIMENSIONS (IN.)

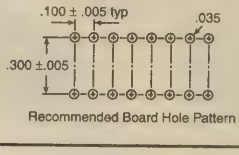


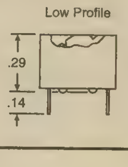
tyco Electronics AMP DIP Switches and Shunts

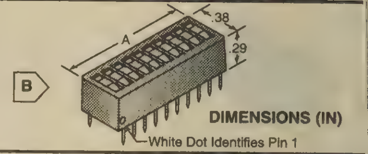
tyco Electronics AMP DIP SWITCHES STANDARD 7100 SERIES











Standard Profile

MOUSER STOCK NO.	Fig.	Dimension "A"	No. of Positions	Price Each 1	10	100
Bottom Sealed						
571-24356409	A	.28	2	1.61	1.46	1.33
571-34356400	A	.38	3	1.06	.99	.94
571-4356402	A	.48	4	.81	.76	.72
571-4356403	A	.58	5	1.17	1.09	1.04
571-4356404	A	.68	6	1.19	1.11	1.06
571-4356401	A	.78	7	1.53	1.43	1.36
571-4356405	A	.88	8	1.26	1.18	1.12
571-4356406	A	.98	9	1.53	1.43	1.36
571-4356407	A	1.08	10	2.78	1.66	1.58
571-34356402	A	1.28	12	2.05	1.91	1.82
Top Tape Sealed; Bottom Sealed						
571-34356403	A	.28	2	1.83	1.70	1.62
571-34356404	A	.38	3	1.87	1.74	1.66
571-34356405	A	.48	4	.92	.86	.82
571-34356406	A	.58	5	1.64	1.53	1.46
571-34356407	A	.68	6	1.35	1.26	1.20
571-34356408	A	.78	7	1.71	1.60	1.52
571-34356409	A	.88	8	1.29	1.21	1.15
571-44356400	A	.98	9	1.76	1.64	1.56
571-44356401	A	1.08	10	1.44	1.34	1.28

Current/voltage rating: Non-switching-1.0A max. @ 40VDC switching-60mA max. @ 5 VDC (resistive load)
Dielectric withstanding voltage: 500VDC min. at standard atmospheric conditions
Capacitance: 5pF max.
Housing: Glass-filled polyester, UL 94V-0 rated, blue
Rocker: Polyester UL 94V-0 rated, white
Spring contacts and leads: Copper alloy with gold over nickel plating

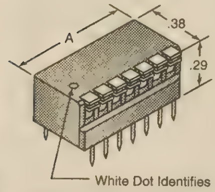
Low Profile

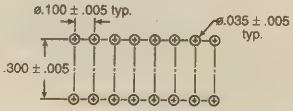
MOUSER STOCK NO.	Fig.	Dimension "A"	No. of Positions	Price Each 1	10	100
Bottom Sealed						
571-4356683	B	.48	4	1.15	1.10	.90
571-4356685	B	.68	6	1.68	1.61	1.31
571-4356689	B	1.08	10	1.82	1.74	1.42
Top Tape Sealed; Bottom Sealed						
571-34356684	B	.48	4	1.52	1.45	1.19
571-34356685	B	.58	5	1.56	1.50	1.22
571-24356685	B	.68	6	1.75	1.67	1.37
571-24356688	B	.88	8	1.66	1.58	1.30
571-24356689	B	.98	9	1.79	1.72	1.40
571-34356680	B	1.08	10	1.39	1.33	1.08

tyco Electronics AMP DIP SWITCHES PREMIUM 7000 SERIES

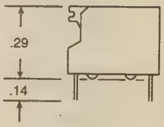
Current and voltage rating: Non-switching-1.0A max. @ 50VDC switching-100mA max. @ 5VDC (resistive load)
Dielectric withstanding voltage: 500 VDC min. at standard atmospheric conditions
Capacitance: 5pF max.
Housing: Glass-filled polyester, UL 94V-0 rated, blue
Rocker: Polyester UL 94V-0 rated, white
Spring contacts and leads: Beryllium copper alloy with gold over nickel plating in contact area and leads plated to meet AMP solderability specifications 109-11-5

DIMENSIONS (IN.)





Recommended Board Hole Pattern



MOUSER STOCK NO.	Dimension "A"	No. of Positions	Price Each 1	10	100
Bottom Sealed					
571-4358022	.38	3	1.60	1.47	1.38
571-4358027	.89	9	1.51	1.39	1.30
571-4358028	1.08	10	1.44	1.32	1.24
Top Tape Sealed; Bottom Sealed					
571-14358023	.28	2	1.78	1.63	1.53
571-14358024	.38	3	2.12	1.95	1.83
571-14358025	.48	4	1.05	.96	.90
571-14358026	.58	5	1.44	1.32	1.24
571-14358027	.68	6	1.48	1.35	1.27
571-14358028	.78	7	1.51	1.39	1.30
571-4358029	.88	8	1.22	1.12	1.05
571-14358029	.98	9	1.75	1.60	1.50
571-24358020	1.08	10	1.62	1.49	1.40
571-24358022	1.28	12	1.67	1.53	1.44

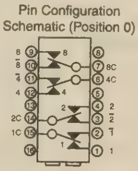
tyco Electronics AMP PREPROGRAMMED DIP SWITCHES

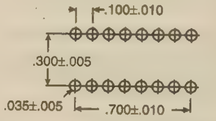
The AMP preprogrammed PC board switches feature four form"C" switches operated by encoded cams and packaged in one DIP configuration.

Specifications:

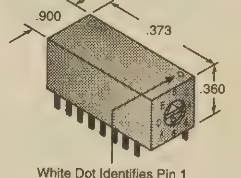
- Voltage rating: 120Vms max.
- Current rating: 1A max.
- Volt-amp rating: 2.8 max.
- Contact resistance: 100mΩ max.
- Life expectancy: 500 revolutions

Pin Configuration Schematic (Position 0)

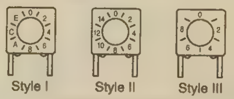




Recommended Board Hole Pattern



DIMENSIONS (IN.)



Stamping Legend

MOUSER STOCK NO.	No. of Positions	Stamping Legend	Price Each 1	10	50	100
571-531375	16	I	7.23	6.57	5.97	5.43

Truth Table (BCD and BCD Complement) ● -Connection

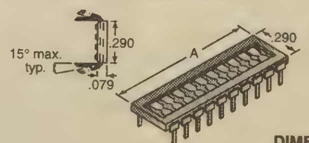
Switch Position	8	4	2	1	$\overline{8}$	$\overline{4}$	$\overline{2}$	$\overline{1}$
0					●	●	●	●
1				●	●	●	●	
2			●		●	●		●
3			●	●	●	●		
4		●			●		●	●
5		●		●	●		●	
6		●	●		●			●
7		●	●	●	●			
8	●					●	●	●
9	●			●		●	●	
10 or A	●		●			●		●
11 or B	●		●	●		●		
12 or C	●	●					●	●
13 or D	●	●		●			●	
14 or E	●	●	●					●
15 or F	●	●	●	●				

tyco Electronics AMP 7600 SERIES DIP SHUNTS

Specifications:

- Current rating per shunt: Standard pressure: 2A
  Machine insertable: 1A
- Insulation resistance: 1x10¹⁰ Ω min. @ 100VDC
- Dielectric withstanding voltage: 500VDC min.

Standard Pressure

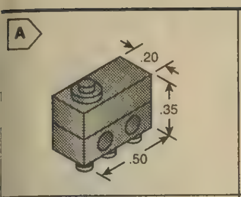


DIMENSIONS (IN.)

MOUSER STOCK NO.	Fig.	Dimension "A"	No. of Positions	Price Each 1	10	50	100
Standard Pressure							
571-4357044	A	.400	4	.97	.92	.86	.78
571-4357048	A	.800	8	1.35	1.28	1.10	1.09

MICRO SWITCH
a Honeywell Division

Basic Switches

A


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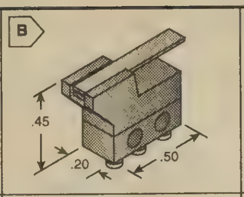

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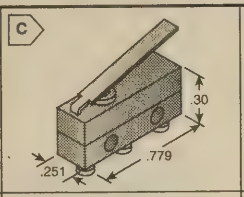

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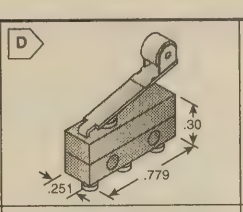

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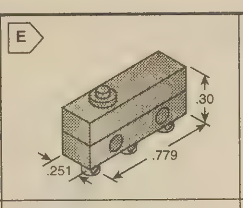

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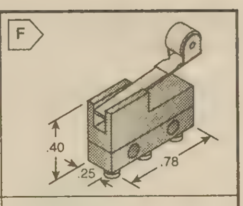

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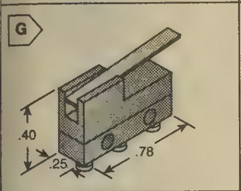

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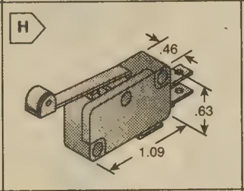

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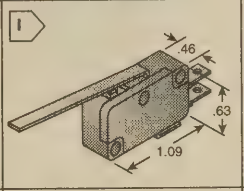

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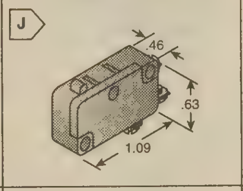

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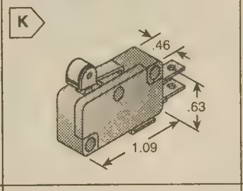

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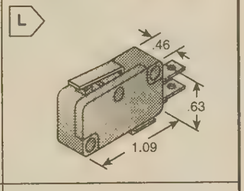

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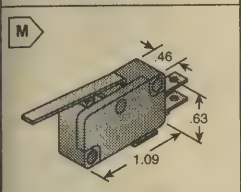

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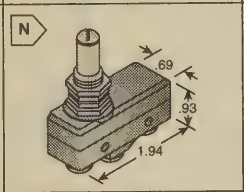

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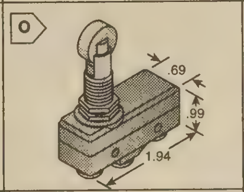

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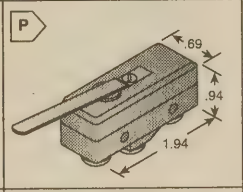

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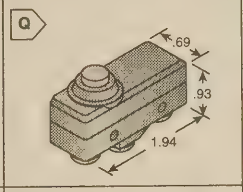

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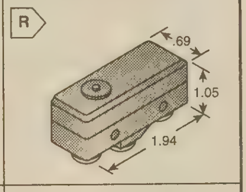

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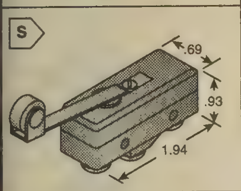

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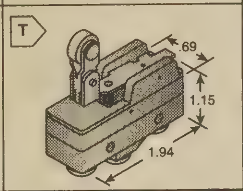

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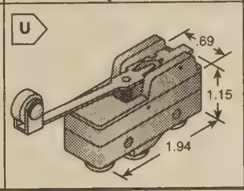

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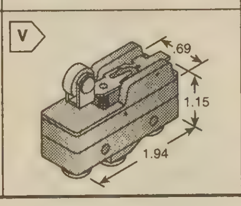

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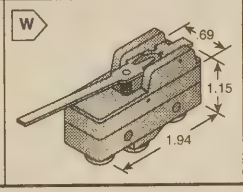

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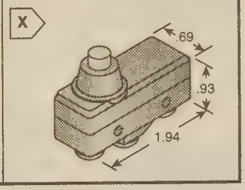


SX SUBMINIATURE BASIC PRECISION SWITCHES

SX subminiature basic switches are small size precision snap-action switches from MICRO SWITCH. These switches are ideal where savings in space and weight are important.

E12252 LR41372

Features:

- Long-life beryllium-copper spring
- Wear-resistant phenolic base and cover
- Power load switching capability up to 7A
- Silver contacts
- Temperature tolerance: -54°C to +121°C
- UL recognized and CSA certified
- Termination: wire wrap

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ratings	Length of Lever (In.)	Oper. Force (oz.)	Operating Position (In.)	Price Each		
						1	10	25
6115-11SX21-T	A	5A @ 250VAC	- - -	2.5-5	.320±.015	7.36	6.90	6.67
6115-1SX1-T	A	7A @ 250VAC	- - -	5	.320±.015	8.24	7.73	7.47
6115-1SX48-T	A	7A @ 250VAC	- - -	5	.320±.015	8.91	8.36	8.08
6115-311SX1-T	B	5A @ 250VAC	.135	1.76	.332±.045	8.24	7.73	7.47
6115-311SX2-T	B	5A @ 250VAC	.505	1.1	.325±.075	8.61	8.07	7.80
6115-311SX3-T	B	5A @ 250VAC	.965	.71	.305±.115	8.86	8.31	8.03

SM SUBMINIATURE BASIC PRECISION SWITCHES

SM subminiature basic switches are slightly larger than the SX basic switches. These switches combine small size and light weight with ample electrical capacity, precision operation, and long life.

E12252 LR41372

Features:

- Long-life beryllium-copper spring
- Wear-resistant phenolic base and cover
- Power load switching capability up to 11A
- Silver contacts
- Temperature tolerance: -54°C to +85°C
- UL recognized and CSA certified
- Termination: wire wrap, except where noted with an asterisk

* Termination: solder

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ratings	Length of Lever (In.)	Oper. Force (oz.)	Operating Position (In.)	Price Each		
						1	10	25
6115-111SM1-T	C	5A @ 250VAC	- - -	7	.350±.030	6.04	5.64	5.23
6115-111SM2-T	D	5A @ 250VAC	- - -	7	.562±.030	6.12	5.73	5.54
* 6115-11SM1	E	5A @ 250VAC	- - -	3-5	.330±.015	3.60	3.38	3.27
6115-11SM1-T	E	5A @ 250VAC	- - -	3-5	.330±.015	3.60	3.38	3.27
6115-11SM3-T	E	5A @ 250VAC	- - -	3-5	.330±.015	4.69	4.40	4.25
* 6115-1SM1	E	5A @ 250VAC	- - -	3-5	.330±.015	4.80	4.50	4.35
* 6115-411SM1	E	5A @ 250VAC	- - -	3-7.5	.330±.015	8.50	7.97	7.70
6115-41SM1-T	E	11A @ 250VAC	- - -	3-5	.330±.015	4.34	4.07	3.93
6115-311SM6-T	F	5A @ 250VAC	.251	1.4	.560±.060	4.76	4.46	4.31
6115-311SM23-T	G	1A @ 125VAC	.285	1.4	.340±.060	9.60	9.00	8.70
6115-311SM702-T	G	4A @ 250VAC	.565	.4	.335±.080	5.38	5.04	4.87
6115-311SM703-T	G	4A @ 250VAC	1.765	.2	.280±.170	4.48	4.20	4.06
6115-311SM1-T	G	5A @ 250VAC	.285	1.4	.340±.060	5.12	4.78	4.44
6115-311SM2-T	G	5A @ 250VAC	.565	1.1	.335±.080	4.94	4.61	4.28
6115-311SM3-T	G	5A @ 250VAC	1.765	.53	.280±.170	4.23	3.96	3.83

V3 MINIATURE BASIC PRECISION SWITCHES

V3 miniature basic switches feature high electrical capacity and long life. Their size and shape meet design requirements in all types of applications.

E12252 LR41370

Features:

- Long-life beryllium-copper spring
- Wear-resistant phenolic case and plunger
- Power load switching capability up to 25A
- Silver contacts
- Temperature tolerance: up to +82°C
- UL recognized and CSA certified
- Termination: **D8** - quick connect terminals .188" x .020"
  D9 - quick connect terminals .250" x .032"

†† Screw terminal

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ratings	Length of Lever (In.)	Oper. Force (oz.)	Operating Position (In.)	Price Each		
						1	10	25
6115-V3L-111-D8	H	11A @ 277VAC	1.34	4	.810±.060	4.02	3.77	3.64
6115-V3L-2106-D8	I	10A @ 250VAC	2.34	.57	.600±.070	3.44	3.23	3.12
6115-V3L-131-D8	I	11A @ 277VAC	2.34	2.1	.580±.080	3.44	3.23	3.12
6115-V3L-6-D8	I	15.1A@250VAC	2.34	4	.565±.060	3.65	3.42	3.31
†† 6115-V3-101	J	11A @ 277VAC	- - -	8	.578±0.15	5.59	5.24	5.06
6115-V3-101-D9	J	11A @ 277VAC	- - -	8	.578±0.15	3.19	2.99	2.89
6115-V3-2900-D9	J	25A @ 277VAC	- - -	7.9	.578±0.15	4.34	4.07	3.93
6115-V3L-139-D8	K	11A @ 277VAC	.81	8	.810±.030	4.02	3.77	3.64
6115-V3L-3-D8	K	15.1A@250VAC	.81	14	.810±.030	4.28	4.01	3.88
6115-V3L-101-D8	L	11A @ 277VAC	.860	94	.600±.020	3.44	3.23	3.12
6115-V3L-104-D8	M	11A @ 277VAC	1.40	4	.600±.060	3.44	3.23	3.12

BZ/BA BASIC PRECISION SWITCHES

BZ/BZ standard basic switches are precision snap-action mechanisms enclosed in accurately molded plastic cases. These switches are carefully manufactured and thoroughly inspected. They are industry known for their compactness, light weight, accurate repeatability, and long life.

E12252

Features:

- Long-life, one-piece beryllium-copper spring
- High grade phenolic cover and case
- Power load switching capability up to 20A
- Motor handling capacity to 2 horsepower @ 250VAC
- UL recognized and CSA certified
- Termination: bottom facing 6-32 screw

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Ratings	Oper. Force (oz.)	Operating Position (In.)	Price Each		
					1	10	25
6115-BZ-2RQ1-A2	N	15A @ 480VAC	9-13	.859±.030	17.70	16.59	16.04
6115-BZ-2RQ18-A2	O	15A @ 480VAC	9-13	1.312±.045	30.34	28.44	27.50
6115-BZ-2RL-A2	P	15A @ 480VAC	5	.668±.030	11.78	11.04	10.68
6115-BZ-2RD-A2	Q	15A @ 480VAC	9-13	.835±.020	10.90	10.22	9.88
6115-BZ-2R-A2	R	15A @ 480VAC	9-13	.625±.015	8.44	7.91	7.65
6115-BZ-2RL2-A2	S	15A @ 480VAC	5	1.125±.030	12.08	11.33	10.95
6115-BZ-2RW826-A2	T	15A @ 480VAC	6	1.625±.015	16.36	15.33	14.82
6115-BZ-2RW82-A2	U	15A @ 480VAC	3.5	1.188±.030	13.06	12.24	11.84
6115-BZ-2RW822-A2	V	15A @ 480VAC	6	1.188±.015	13.06	12.24	11.84
6115-BZ-2RW863-A2	W	15A @ 480VAC	1	.750±.060	11.52	10.80	10.44
6115-BZ-2RW80-A2	W	15A @ 480VAC	2.5	.750±.030	10.45	9.80	9.47
6115-BA-2RB-A2	X	20A @ 480VAC	14-22	1.03±.020	11.17	10.47	10.13

OMRON Tactile and Basic Switches

B3F SERIES: MECHANICAL KEYSWITCH (TACTILE)

Specifications:

- Contact form: SPST-NO
- Switching capacity: 50 mA 24 VDC
- Dielectric strength: 500 VAC
- Contact resistance: 100 MΩ max.
- Insulation resistance: 100 MΩ min.

NEW IN 2001

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Actuator (Dim. A)	Operating Force	Price Each			
				1	25	50	100
6mm - Thru-hole							
653-B3F-1000	A	Flat (4.3)	100 g	.22	.20	.19	.17
653-B3F-1002	A	Flat (4.3)	150 g	.25	.23	.22	.20
653-B3F-1020	A	Flat (5.0)	100 g	.25	.23	.22	.20
653-B3F-1022	A	Flat (5.0)	150 g	.25	.23	.22	.20
653-B3F-1070	A	Flat (9.5)	100 g	.28	.25	.24	.22
653-B3F-1050	B	Proj. (7.3)	100 g	.25	.23	.22	.20
653-B3F-1052	B	Proj. (7.3)	150 g	.25	.23	.22	.20
6mm - Right Angle Type With Ground Terminal							
653-B3F-3120	C	Flat	100 g	.35	.31	.30	.28
653-B3F-3122	C	Flat	150 g	.35	.31	.30	.28
653-B3F-3150	D	Projected	100 g	.35	.31	.30	.28
653-B3F-3152	D	Projected	150 g	.35	.31	.30	.28
6mm - SMT							
653-B3FS-1000	E	Flat	100g	.39	.35	.30	.28
653-B3FS-1002	E	Flat	150 g	.39	.35	.30	.28

NEW IN 2001

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Actuator	Operating Force	Price Each			
				1	25	50	100
12mm - Thru-hole							
653-B3F-4000	F	Flat	130 g	.35	.31	.30	.28
653-B3F-4005	F	Flat	260 g	.35	.31	.30	.28
653-B3F-4050	G	Projected	130 g	.35	.31	.30	.28
653-B3F-4055	G	Projected	260 g	.35	.31	.30	.28

B3S AND B3W SERIES: KEYSWITCH SEALED

Specifications:

- B3S - SPST Contact form
- B3W - SPST-NO Contact form
- Switching capacity: 50mA 24 VDC
- Contact resistance: 100 MΩ max.
- Insulation resistance: 100 MΩ min.
- Dielectric strength: 500 VAC

Features:

- Sealed for CFC cleaning; can not be water washed.

NEW IN 2001

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Actuator	Operating Force	Price Each			
				1	25	50	100
6mm - SMT							
653-B3S-1000	H	Flat	160 g	.50	.45	.42	.40
653-B3S-1002	H	Flat	230 g	.50	.45	.42	.40
6mm - Thru-hole							
653-B3W-1000	I	Flat	160 g	.41	.37	.35	.33
653-B3W-1002	I	Flat	230 g	.41	.37	.35	.33
653-B3W-1050	J	Projected	160 g	.41	.37	.35	.33
653-B3W-1052	J	Projected	230 g	.41	.37	.35	.33

For quantities greater than listed, call for quote.

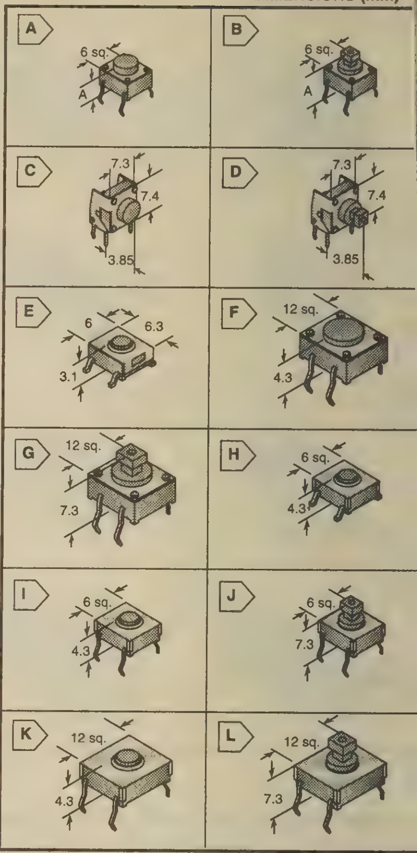
MOUSER STOCK NO.	Fig.	Actuator	Operating Force	Price Each			
				1	25	50	100
12mm - Thru-hole							
653-B3W-4000	K	Flat	200 g	.49	.44	.42	.39
653-B3W-4050	L	Projected	200 g	.49	.44	.42	.39

KEY CAPS FOR MECHANICAL KEYSWITCHES

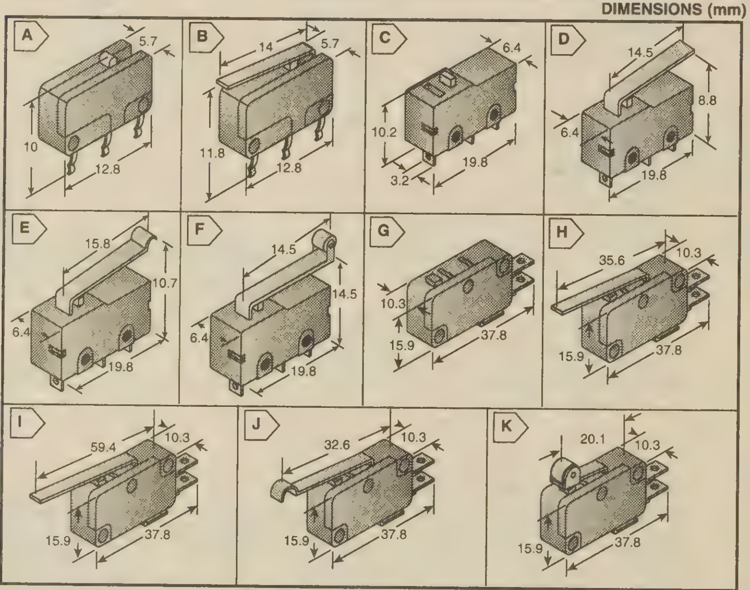
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Color	Price Each			
			1	25	50	100
For 6mm Keyswitches						
653-B32-1000	4 x 4	Lt. Gry	.21	.19	.18	.17
653-B32-1010	4 x 4	Black	.21	.19	.18	.17
653-B32-1040	4 x 4	Blue	.21	.19	.18	.17
For 12mm Keyswitches						
653-B32-1200	9 x 9	Lt. Gry	.21	.19	.18	.17
653-B32-1210	9 x 9	Black	.21	.19	.18	.17
653-B32-1240	9 x 9	Blue	.21	.19	.18	.17
653-B32-1300	12 x 12	Lt. Gry	.21	.19	.18	.17
653-B32-1310	12 x 12	Black	.21	.19	.18	.17

DIMENSIONS (mm)



DIMENSIONS (mm)



D2F SERIES: PC MOUNT SUBMINIATURE BASIC SWITCH

Specifications:

- Contact resistance for 3A rating: 30mΩ max. (initial value)
- Contact resistance for 0.1A rating: 100mΩ max. (initial value)
- Dielectric strength:
  600 VAC between terminals of same polarity
  1,500 VAC between current-carrying parts and ground.
- Electrical life: 30,000 operations min.
- Insulation resistance: 100 M Ω min.
- Mechanical life: 1,000,000 operations min.

NEW IN 2001

Features:

- Flux penetration prevented by using an insert terminal and allowing a height difference at the case bottom.
- Contact form is SPDT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Terminal Type	Contact Rating	Operating Force	Price Each			
					1	25	50	100
653-D2F	A	Straight PCB	3 A	150 g	1.17	1.07	.98	.88
653-D2F-01	A	Straight PCB	.1 A	150 g	1.17	1.07	.98	.88
653-D2F-01F	A	Straight PCB	.1 A	75 g	1.17	1.07	.98	.88
653-D2F-01L	B	Straight PCB	.1 A	80 g	1.30	1.19	1.09	.98
653-D2F-FL	B	Straight PCB	3 A	25 g	1.30	1.19	1.09	.98
653-D2F-L	B	Straight PCB	3 A	80 g	1.30	1.19	1.09	.98

SS SERIES: SUBMINIATURE BASIC SWITCH

NEW IN 2001

Specifications:

- Dielectric strength:
  Crossbar contacts: 600 VAC,
  Rivet contacts: 1,000 VAC between terminals of same polarity, 1,500 VAC between current-carrying parts and ground
- Insulation resistance: 100 MΩ min.
- Mechanical life: 30 million operations min.
- Electrical life: 200,000 operations min.

Features:

- Standard rivet contacts except SS-01FT, which has bifurcated crossbar contacts
- Tab terminals are #110
- Contact form is SPDT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Terminal Type	Contact Rating	Operating Force	Price Each			
					1	25	50	100
653-SS-5D	C	Straight PCB	5A	150 g	1.44	1.32	1.21	1.09
653-SS-5FT	C	Tab	5A	50 g	1.44	1.32	1.21	1.09
653-SS-5T	C	Tab	5A	150 g	1.58	1.45	1.32	1.19
653-SS-01FT	C	Tab	0.1A	50 g	2.42	2.22	2.03	1.83
653-SS-5GLT	D	Tab	5A	50 g	1.44	1.32	1.21	1.09
653-SS-5GL13T	E	Tab	5A	16 g	1.39	1.27	1.16	1.05
653-SS-5GL2	F	Soldered	5A	50 g	1.71	1.57	1.43	1.29

V SERIES: MINIATURE GENERAL PURPOSE BASIC SWITCH

Specifications:

- Dielectric strength:
  1,000 VAC between non-continuous terminals
  1,500 VAC between each terminal and ground.
- Mechanical life: 50,000,000 operations min.
- Contact resistance for V15: 15mΩ max. (initial value)
- Contact resistance for V10: 30mΩ max. (initial value)
- Insulation resistance: 100 MΩ min.
- Electrical life: 100,000 operations min.

NEW IN 2001

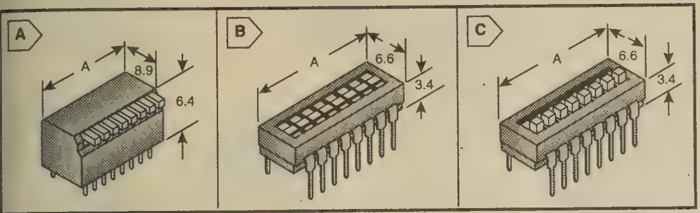
Features:

- Switch housing is a thermoset case, giving high versatility.
- Contact form is SPDT.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Terminal Type	Contact Rating	Operating Force	Price Each			
					1	25	50	100
653-V10G1C24	G	Quick Connect	10 A	100 g	2.15	1.97	1.80	1.63
653-V15G1C25	G	Quick Connect	15 A	200 g	2.15	1.97	1.80	1.63
653-V15G1C26	G	Quick Connect	15 A	400 g	2.15	1.97	1.80	1.63
653-V15G21C26	H	Quick Connect	15 A	125 g	2.18	2.01	1.83	1.65
653-V15G31C25	I	Quick Connect	15 A	200 g	2.38	2.19	2.00	1.80
653-V15G31C26	I	Quick Connect	15 A	130 g	2.38	2.19	2.00	1.80
653-V15G41C25	J	Quick Connect	15 A	200 g	2.31	2.12	1.94	1.75
653-V10G51C25	K	Quick Connect	10 A	200 g	2.62	2.41	2.20	1.98
653-V15G51C26	K	Quick Connect	15 A	480 g	2.62	2.41	2.20	1.98

A6D SERIES: SUBMINIATURE DIP SWITCH



DIMENSIONS (mm)

Specifications:

- Housing/Actuator: PBT (Polybutylene terephthalate)
- Movable contact: Beryllium copper
- Terminal: Nickel-iron alloy
- Switching capacity: 100mA, 5 VDC; 30mA, 30 VDC
- Operating force: 500 g max.
- Dielectric strength: 500 VAC
- Mechanical life: 5,000 operations min.
- Electrical life: 2,000 operations min.

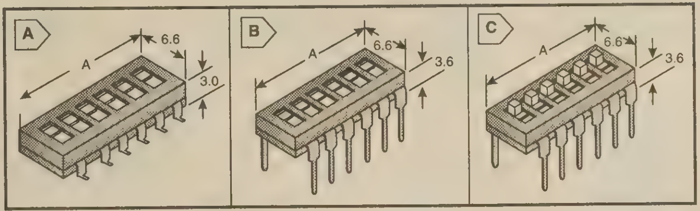
Features:

- Internal rubber seal allows immersion-cleaning without taping.
- Bifurcated movable contacts
- Smooth, sure switching action.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pins	Dim.A mm	Price Each			
				1	25	50	100
Side Actuated							
653-A6DR-2100	A	2	7.1	2.28	2.01	1.94	1.88
653-A6DR-4100	A	4	12.2	2.55	2.34	2.14	1.93
653-A6DR-6100	A	6	17.3	2.68	2.36	2.29	2.21
653-A6DR-8100	A	8	22.4	3.04	2.68	2.59	2.50
653-A6DR-0100	A	10	27.4	3.74	3.30	3.19	3.08
Flat Actuated							
653-A6D-2100	B	2	7.1	1.56	1.37	1.33	1.28
653-A6D-4100	B	4	12.2	1.66	1.46	1.41	1.36
653-A6D-6100	B	6	17.3	1.85	1.63	1.58	1.52
653-A6D-8100	B	8	22.4	1.95	1.72	1.66	1.60
653-A6D-0100	B	10	27.4	3.07	2.71	2.62	2.53
Raised Actuator							
653-A6D-2103	C	2	7.1	1.75	1.54	1.49	1.44
653-A6D-4103	C	4	12.2	1.75	1.54	1.49	1.44
653-A6D-6103	C	6	17.3	1.98	1.75	1.69	1.63
653-A6D-8103	C	8	22.4	2.16	1.90	1.84	1.78
653-A6D-0103	C	10	27.4	3.07	2.71	2.62	2.53

A6S & A6T SERIES: DIP SWITCHES WITH SLIDE PINS



DIMENSIONS (mm)

Specifications:

- Switching capacity: 25mA, 24 VDC
- Contact resistance: 200m max. (initial value)
- Insulation resistance: 100 M max. (initial value)
- Operating force: 30 gf
- Dielectric strength: 500 VAC
- Mechanical life: 1,000 operations min.
- Electrical life: 1,000 operations min.

Features:

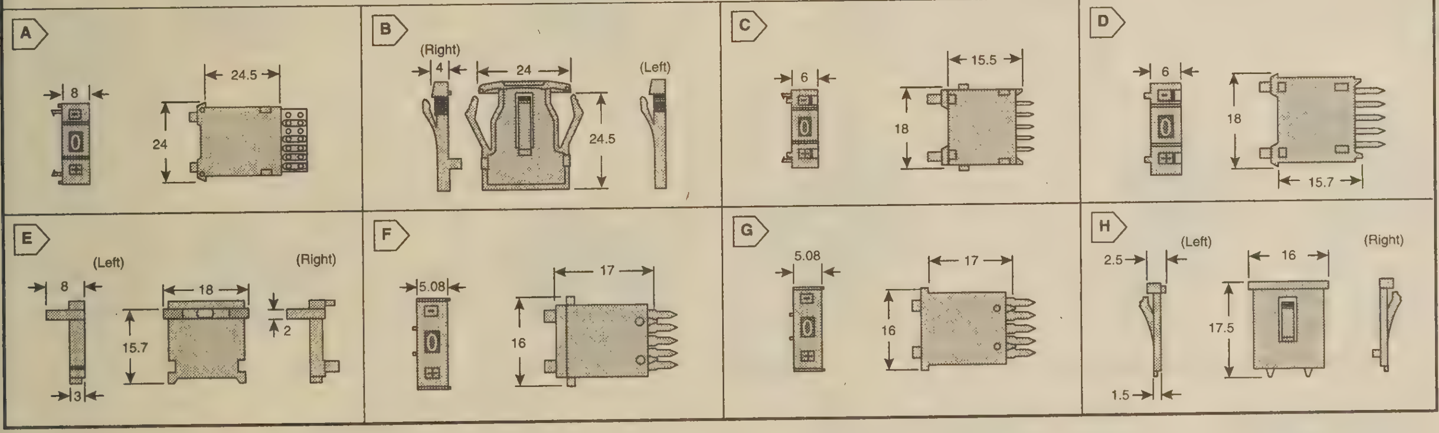
- Allows automatic mounting with DIP IC insertion machines
- Flat actuated switches are tape sealed

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Poles	Dim.A (mm)	Price Each			
				1	25	50	100
SMT Flat Actuated							
653-A6S-2102	A	2	6.02	.94	.85	.78	.73
653-A6S-4102	A	4	11.10	.99	.89	.82	.76
653-A6S-5102	A	5	13.64	1.08	.97	.89	.83
653-A6S-6102	A	6	16.18	1.16	1.04	.95	.89
653-A6S-7102	A	7	18.72	1.31	1.17	1.07	1.01
653-A6S-8102	A	8	21.26	1.45	1.30	1.19	1.11
653-A6S-9102	A	9	23.80	1.76	1.58	1.45	1.36
653-A6S-0102	A	10	26.34	2.08	1.86	1.70	1.60
Flat Actuated Standard							
653-A6T-2102	B	2	6.02	.75	.67	.61	.58
653-A6T-4102	B	4	11.10	.84	.75	.69	.64
653-A6T-6102	B	6	16.18	.87	.78	.71	.67
653-A6T-8102	B	8	21.26	1.23	1.10	1.01	.95
653-A6T-0102	B	10	26.34	1.51	1.35	1.24	1.16
Raised Actuator							
653-A6T-2104	C	2	6.02	.75	.67	.61	.58
653-A6T-4104	C	4	11.10	.84	.75	.69	.64
653-A6T-6104	C	6	16.18	.87	.78	.71	.67
653-A6T-8104	C	8	21.26	1.23	1.10	1.01	.95
653-A6T-0104	C	10	26.34	1.51	1.35	1.24	1.16

A7B, A7CN, A7D SERIES: THUMBWHEEL SWITCHES

DIMENSIONS (mm)



Specifications:

- Switching capacity (A7BS): 25mA, 24 VDC; (A7CN): 1mA - .1A, (50 VAC/28 VDC;) (A7D): 1mA - .1A, 5 to (30 VDC)
- Contact resistance: 200mΩ max. (initial value)
- Insulation resistance (A7BS): 100 MΩ min.
- Insulation resistance (A7CN): 10 MΩ min. between non-connected terminals (initial value)
- 1,000 MΩ min. between each terminal and non-current-carrying part.
- Insulation resistance (A7D): 10 MΩ min. between non-connected terminals (initial value)
- 100 MΩ min. between each termina and non-current-carrying part.
- Operating force: 30 gf (A7BS); 450 gf (A7CN): 350 gf (A7D).
- Dielectric strength: 500 VAC (A7BS); 250 VAC (A7CN & A7D)
- Mechanical life: 1,000 operations min.(A7BS); 30,000 operations (A7CN & A7D)
- Electrical life: 1,000 operations min.; 20,000 operations (A7CN & A7D)

Truth Table

Pos.	Code			
	1	2	4	8
0				
1	●			
2		●		
3	●	●		
4			●	
5	●		●	
6		●	●	
7	●	●	●	
8				●
9	●			●

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	25	50	100
653-A7BS-206-1	A	Single section, binary	8.19	7.61	6.63	6.05
653-A7BS-207-1	A	Single section, binary w/ diode provision	8.82	8.19	7.14	6.51
653-A7B-M-1	B	End cap for A7BS, set of 2	1.33	1.23	1.07	.98
653-A7CN-106-1	C	Single section, binary, back mounting PCB	6.55	6.08	5.30	4.84
653-A7CN-206-1	D	Single section, binary, front mounting PCB	6.55	6.08	5.30	4.84
653-A7CN-1M-1	E	End cap for A7CN, set of 2	.80	.74	.65	.59
653-A7D-106-1	F	Single section, binary, back mounting PCB	5.06	4.70	4.10	3.73
653-A7D-206-1	G	Single section, binary, front mounting PCB	5.06	4.70	4.10	3.73
653-A7D-2M-1	H	End cap for A7D, set of 2	.74	.68	.60	.54

G3VM SERIES: MOSFET RELAYS

Features:
- Ideal for telecom and data communications.
- High-dielectric

Specifications:
- Load voltage (peak): All are 350 V except G3VM-6 which is 400 V, G3VM-S5 which is 200 V, and G3VM-SY, -V, and -VM which are 60V.
- Operating temperature range: -40° to +85°C.
- Dielectric strength: 1500VAC to 5000VAC for 1 minute.
- Lead spacing: 2.54mm (0.1")

MOUSER STOCK NO.	Fig.	Dim. "L"	Contact Form	No. of Pins	Terminal Type	Price Each			
						1	25	50	100
653-G3VM-2	A	4.58	SPST-NO	4	PCB	3.01	2.72	2.44	2.22
653-G3VM-2F	B	4.58	SPST-NO	4	SMT Gullwing	3.01	2.72	2.44	2.22
653-G3VM-3	A	7.12	SPST-NO	6	PCB	3.01	2.72	2.44	2.22
653-G3VM-3F	B	7.12	SPST-NO	6	SMT Gullwing	3.01	2.72	2.44	2.22
653-G3VM-6	C	8.64	SPST-NO	6	PCB	5.55	5.02	4.49	4.10
653-G3VM-6F	D	8.64	SPST-NO	6	SMT Gullwing	5.55	5.02	4.49	4.10
653-G3VM-S2	E	3.9	SPST-NO	4	SOP	3.47	3.14	2.81	2.56
653-G3VM-S3	E	6.3	SPST-NO	6	SOP	5.83	5.28	4.72	4.31
653-G3VM-S5	E	3.9	SPST-NO	4	SOP	3.47	3.14	2.81	2.56
653-G3VM-SW	E	9.4	DPST-NO	8	SOP	7.73	7.00	6.26	5.71
653-G3VM-SY	E	9.4	DPST-NO	8	SOP	7.73	7.00	6.26	5.71
653-G3VM-V	A	7.12	SPST-NO	6	PCB	3.01	2.72	2.44	2.22
653-G3VM-VF	B	4.58	SPST-NO	4	SMT Gullwing	3.01	2.72	2.44	2.22
653-G3VM-W	A	9.66	DPST-NO	8	PCB	6.11	5.53	4.95	4.51
653-G3VM-WF	B	9.66	DPST-NO	8	SMT Gullwing	6.11	5.53	4.95	4.51

G5V-1 SERIES: LOW SIGNAL RELAYS

Features:
- Conforms to FCC part 68 voltage surge
- Fully-sealed construction
- Subminiature for use in interface applications.
- Low power consumption

Specifications:
- Contact rated load: 0.50A @ 125 VAC 1A @ 24 VDC
- Contact resistance: 100mW max.
- Contact carry current: 2A

Specifications (cont.):
- Contact max. operating voltage: 125 VAC, 60 VDC
- Contact max. operating current: 1A
- Contat min. permissable load: 1mA, 5 VDC
- Contact material: Ag (Au clad)
- Contact form: SPDT
- Coil rating: 3 to 24 VDC
- Max. coil voltage: 200% at 55° C
- Mechanical life: 5 million operations min.
- Electrical life: 1 million operations

MOUSER STOCK NO.	Fig.	Coil		Price Each			
		Volts	Ohms	1	25	50	100
653-G5V-1-DC5	F	5VDC	166.7	2.16	2.01	1.88	1.78
653-G5V-1-DC12	F	12VDC	960	2.16	2.01	1.88	1.78
653-G5V-1-DC24	F	24VDC	3840	2.16	2.01	1.88	1.78

G5V-2 SERIES: LOW SIGNAL RELAYS

Features:
- Miniature for handling low signals in computer peripherals, telecom and security equipment.
- Reliable bifurcated crossbar contacts
- Conforms to FCC part 68
- Fully-sealed construction

Specifications:
- Contact rated load: 0.5A @ 125VAC, 2A @ 30VDC
- Contact max. operating voltage: 125VAC, 125VDC
- Contact carry/max. operating current: 2A
- Contact min. permissible load: 10A, 10mVDC
- Max. coil voltage: 120% @ 65° C for standard and high-sensitivity types 150% @ 70° C for ultra-sensitive type
- Contact form: DPDT
- Mechanical life: 15 million operations min.
- Electrical life: 400,000 operations

MOUSER STOCK NO.	Fig.	Contact Form	Coil		Price Each			
			VDC	Ohms	1	25	50	100
653-G5V-2-DC5	G	Standard	5	50	2.66	2.47	2.32	2.19
653-G5V-2-DC12	G	Standard	12	288	2.66	2.47	2.32	2.19
653-G5V-2-DC24	G	Standard	24	1152	2.66	2.47	2.32	2.19
653-G5V-2-H-DC5	G	High-sensitivity	5	70	2.86	2.65	2.49	2.32
653-G5V-2-H-DC12	G	High-sensitivity	12	400	2.86	2.65	2.49	2.32
653-G5V-2-H-DC24	G	High-sensitivity	24	1600	2.86	2.65	2.49	2.32
653-G5V-2-H1-DC5	G	Ultra-Sensitive	5	166.7	2.94	2.73	2.56	2.42
653-G5V-2-H1-DC12	G	Ultra-Sensitive	12	960	2.94	2.73	2.56	2.42
653-G5V-2-H1-DC24	G	Ultra-Sensitive	24	2880	2.94	2.73	2.56	2.42

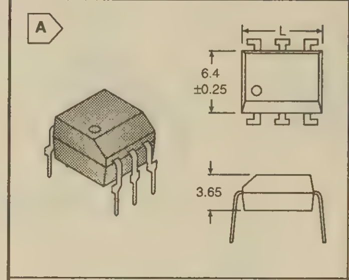
G5A SERIES: HIGH-FREQUENCY RELAYS

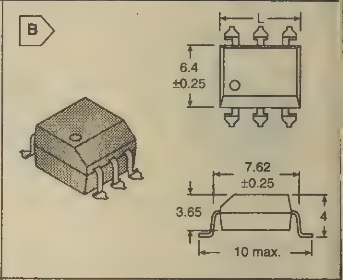
Features:
- Subminiature for office automation and test and measurement
- Unique moving magnet armature (Moving Loop System) reduces magnetic interference and contact bounce time.
- Automatic flow or dip soldering possible
- G5A-237P are semi-sealed
- G5A-234P are sealed

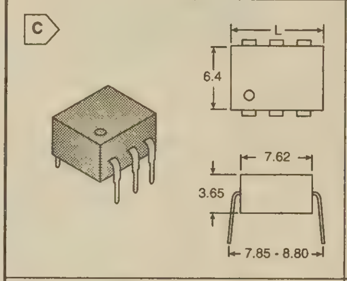
Specifications:
- Contact max. operating voltage: 125VAC, 125VDC
- Contact max. operating current: 1A (AC or DC)
- Contact rated load: 0.5A @ 30VAC, 1A @ 30VDC
- Power consumption: 200mW
- Max. voltage: 150% of rated voltage
- Contact resistance: 50 mW max.
- Non-latching, standard type, DPDT contact form
- Mechanical life: 50 million operations min.
- Service life: 3 million operations

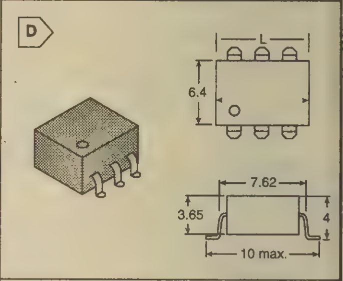
MOUSER STOCK NO.	Fig.	Coil		Price Each			
		Volts	Ohms	1	25	50	100
653-G5A-234P-DC5	H	5VDC	125	4.10	3.81	3.57	3.38
653-G5A-234P-DC12	H	12VDC	405	4.10	3.81	3.57	3.38
653-G5A-234P-DC24	H	24VDC	2880	4.10	3.81	3.57	3.38
653-G5A-237P-DC5	I	5VDC	125	3.79	3.52	3.30	3.12
653-G5A-237P-DC12	I	12VDC	405	3.79	3.52	3.30	3.12
653-G5A-237P-DC24	I	24VDC	2880	3.89	3.62	3.39	3.20

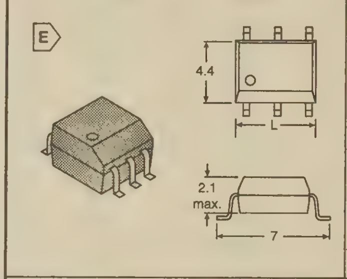
DIMENSIONS (mm)

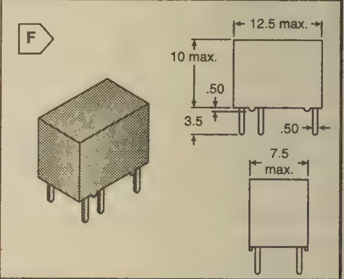


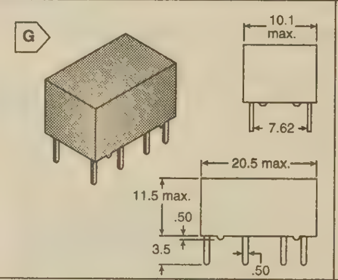


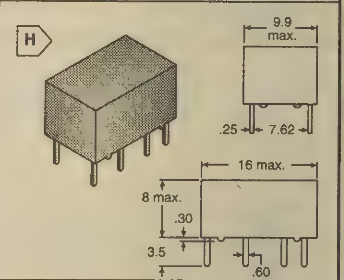


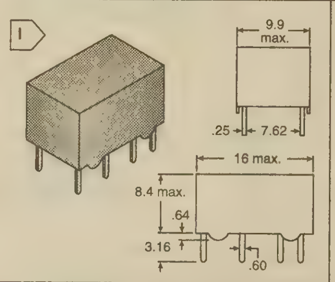


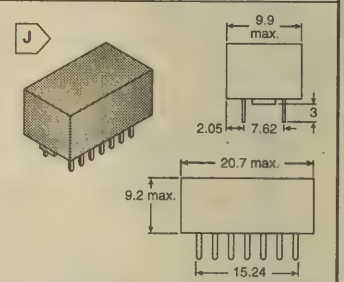












G6Y SERIES: HIGH-FREQUENCY RELAYS

Features:
- Design based on Micro Strip Line Technology
- Applications include cable TV, HDTV, telecom, VCRs, test and measurement equipment
- Fully-sealed construction

Specifications:
- Power consumption: 200mW
- Max. voltage: 150VAC @ 23° C, 130VDC @ 70° C
- Effective insertion loss: 0.2dB or better @ 900 MHz
- Isolation: 65dB or better @ 900 MHz
- Mechanical life: 1million operations min.
- Electrical life: 300,000 operations min.

MOUSER STOCK NO.	Fig.	Contact Form	Coil		Price Each			
			VDC	Ohms	1	25	50	100
653-G6Y-1-DC4.5	J	SPDT	4.5	90	3.89	3.62	3.39	3.20
653-G6Y-1-DC5	J	SPDT	5	125	3.89	3.62	3.39	3.20
653-G6Y-1-DC12	J	SPDT	12	720	3.89	3.62	3.39	3.20

OMRON Power PCB Relays

G2RL SERIES, PCB RELAYS

eatures:
- UL Class-F insulation system
- Low profile: 15.7mm max.
- Cadmium-free contacts

Specifications:
- Contact resistance: 100 MΩ min.
- Insulation resistance: 1000 MΩ min.
- Mechanical life: 20 million operations

MOUSER STOCK NO.	Fig.	Contact Form	Coil		Price Each			
			VDC	Ohms	1	20	40	100
653-G2RL-14-DC5	A1	SPDT	5	62.5	3.10	2.88	2.70	2.56
653-G2RL-14-DC12	A1	SPDT	12	360	3.10	2.88	2.70	2.56
653-G2RL-14-DC24	A1	SPDT	24	1440	3.10	2.88	2.70	2.56
653-G2RL-1A-DC5	A2	SPST-NO	5	62.5	2.68	2.49	2.33	2.21
653-G2RL-1A-DC12	A2	SPST-NO	12	360	2.68	2.49	2.33	2.21
653-G2RL-1A-DC24	A2	SPST-NO	24	1440	2.68	2.49	2.33	2.21
653-G2RL-24-DC5	A3	DPDT	5	62.5	3.49	3.24	3.03	2.87
653-G2RL-24-DC12	A3	DPDT	12	360	3.49	3.24	3.03	2.87
653-G2RL-24-DC24	A3	DPDT	24	1440	3.49	3.24	3.03	2.87

G5LE SERIES, POWER PCB RELAYS

Features:
- Compact "sugar cube" relay with contact ratings of 10A
- UL class-B insulation certified
- Ideal for applications in security equipment, audio equipment, household electrical appliances, and garage door openers
- Plastic sealed

Specifications:
- Contact max. operating voltage: 125VAC, 125VDC
- Contact rated load: 10A @ 120VAC. 8A @ 30VDC
- Power consumption: 400mW
- Coil max. voltage: 130% of rated voltage @ 70° C, 170% of rated voltage @ 23° C
- Contact resistance: 100mΩ max.
- Mechanical life: 10 million operations min.
- Electrical life: 100,000 operations min.

MOUSER STOCK NO.	Fig.	Contact Form	Coil		Price Each			
			VDC	Ohms	1	25	50	100
653-G5LE-14-DC5	B	SPDT	5	63	1.73	1.60	1.50	1.42
653-G5LE-14-DC12	B	SPDT	12	360	1.73	1.60	1.50	1.42
653-G5LE-14-DC24	B	SPDT	24	1440	1.73	1.60	1.50	1.42
653-G5LE-1-DC5	B	SPDT	5	63	1.58	1.46	1.37	1.30
653-G5LE-1-DC12	B	SPDT	12	360	1.58	1.46	1.37	1.30
653-G5LE-1-DC24	B	SPDT	24	1440	1.58	1.46	1.37	1.30

G6B SERIES, POWER PCB RELAYS

Features:
- Subminiature
- Low power consumption (200mW)
- Meets FCC Part 68 requirements
- Unique moving magnet armature (Moving Loop System) reduces magnetic interference and contact bounce time
- Sealed
- Non-latching

Specifications:
- Contact max. operating voltage: 380VAC, 125VDC
- Contact rated load: standard type - 5A @ 250VAC, 5A @ 30VDC high-capacity type - 8A @ 250VAC, 8A @ 30VDC
- Coil max. voltage: SPST-NO - 130% of rated voltage (SPST-NO + SPST-NC) - 110% of rated voltage (DPST-NO) - 110% of rated voltage
- Service Life, Mechanical: 50 million operations min.
- Service Life, Electrical: 1 million operations min.

MOUSER STOCK NO.	Fig.	Contact Form	Coil		Price Each			
			VDC	Ohms	1	25	50	100
653-G6B-1114P-DC5	C	SPST-NO	5	125	3.87	3.60	3.37	3.19
653-G6B-1114P-DC12	C	SPST-NO	12	720	3.87	3.60	3.37	3.19
653-G6B-1114P-DC24	C	SPST-NO	24	2880	3.98	3.70	3.46	3.28
653-G6B-1174P-DC5	D	SPST-NO	5	125	4.63	4.30	4.03	3.81
653-G6B-1174P-DC12	D	SPST-NO	12	720	4.63	4.30	4.03	3.81
653-G6B-1174P-DC24	D	SPST-NO	24	2880	4.79	4.45	4.17	3.95
653-G6B-2114P-DC5	E	SPST-NO + SPST-NC	5	83.3	4.73	4.40	4.12	3.90
653-G6B-2114P-DC12	E	SPST-NO + SPST-NC	12	480	4.73	4.40	4.12	3.90
653-G6B-2114P-DC24	E	SPST-NO + SPST-NC	24	1920	4.95	4.60	4.31	4.07
653-G6B-2214P-DC5	E	DPST-NO	5	83.3	4.73	4.40	4.12	3.90
653-G6B-2214P-DC12	E	DPST-NO	12	480	4.73	4.40	4.12	3.90
653-G6B-2214P-DC24	E	DPST-NO	24	1920	4.95	4.60	4.31	4.07

✻ High-capacity

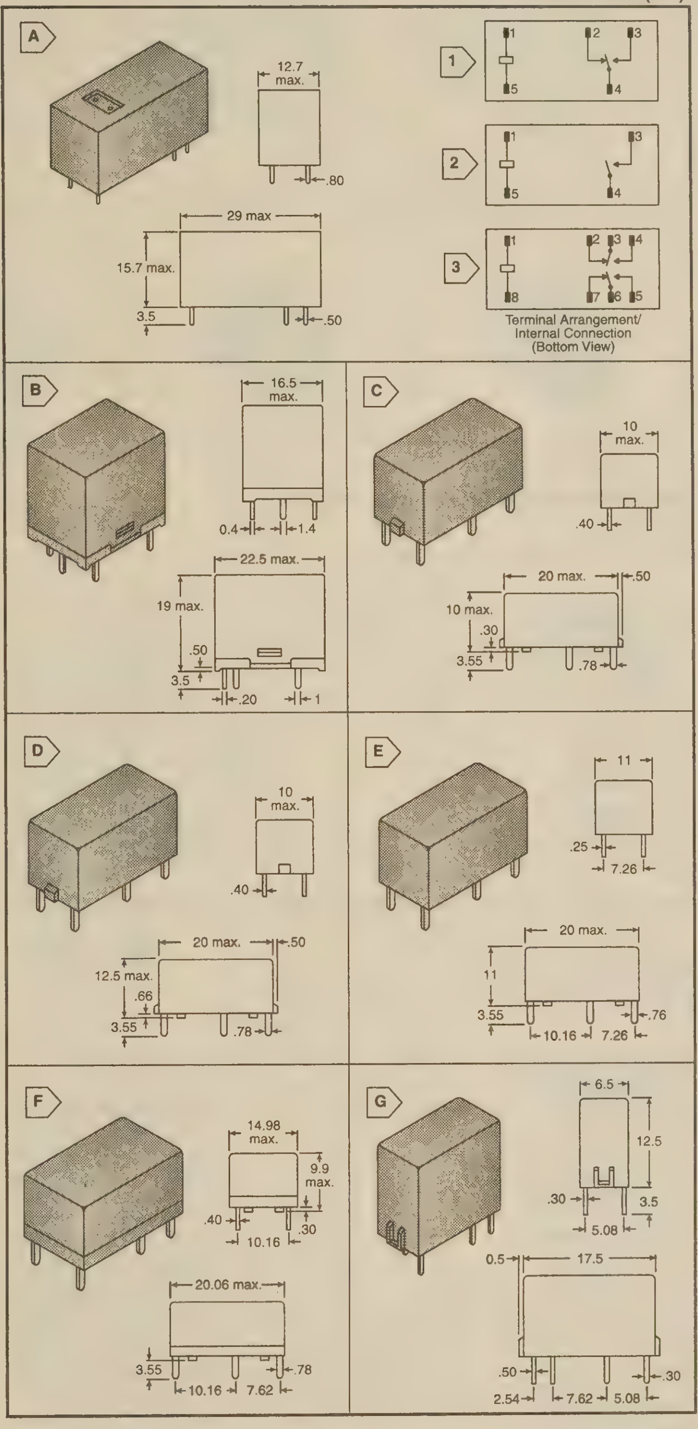
G6C SERIES, POWER PCB RELAYS

Features:
- Subminiature
- Low power consumption (200mW)
- Meets FCC Part 68 requirements
- Unique moving magnet armature (Moving Loop System) reduces magnetic interference and contact bounce time
- Sealed
- Non-latching

Specifications:
- Contact max. operating voltage: 380VAC, 125VDC
- Contact rated load: (SPST-NO) 10A @ 250VAC, 10A @ 30VDC (SPST-NO + SPST-NC) 8A @ 250VAC, 8A @ 30VDC
- Coil max. voltage: 160% of rated voltage @ 23° C, 130% @ 70° C
- Service Life, Mechanical: 50 million operations min.
- Service Life, Electrical: 1 million operations min.

MOUSER STOCK NO.	Fig.	Contact Form	Coil		Price Each			
			VDC	Ohms	1	25	50	100
653-G6C-1114P-DC5	F	SPST-NO	5	125	4.65	4.32	4.05	3.83
653-G6C-1114P-DC12	F	SPST-NO	12	720	4.65	4.32	4.05	3.83
653-G6C-1114P-DC24	F	SPST-NO	24	2880	4.80	4.46	4.18	3.95
653-G6C-2114P-DC5	F	SPST-NO + SPST-NC	5	125	5.36	4.98	4.67	4.42
653-G6C-2114P-DC12	F	SPST-NO + SPST-NC	12	720	5.36	4.98	4.67	4.42
653-G6C-2114P-DC24	F	SPST-NO + SPST-NC	24	2880	5.53	5.14	4.82	4.55

DIMENSIONS (mm)



G6D SERIES, POWER PCB RELAYS

Features:
- Subminiature for reduced board space
- Fully sealed construction allows automatic soldering and cleaning
- Rated for D150 pilot duty by UL, CSA
- PCB terminals

Specifications:
- Contact max. operating voltage: 250VAC, 30VDC
- Contact rated load: 5A @ 250VAC, 30VDC
- Coil max. voltage: 130% of rated voltage @ 70° C
- Service Life, Mechanical: 20 million operations min.
- Service Life, Electrical: 1 million operations min.

MOUSER STOCK NO.	Fig.	Contact Form	Coil		Price Each			
			VDC	Ohms	1	25	50	100
653-G6D-1A-DC5	G	SPST-NO	5	125	4.12	3.83	3.59	3.39
653-G6D-1A-DC12	G	SPST-NO	12	720	4.12	3.83	3.59	3.39
653-G6D-1A-DC24	G	SPST-NO	24	2880	4.43	4.12	3.86	3.65

tyco Electronics P&B General Purpose Relays

DIMENSIONS (IN.)

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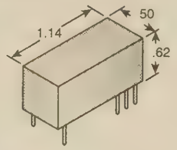

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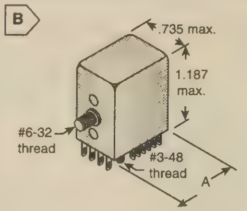

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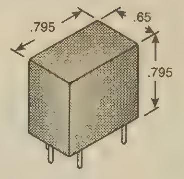

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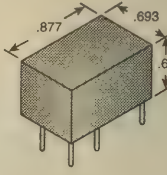

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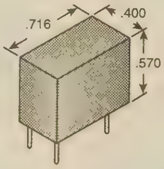

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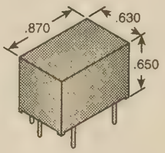

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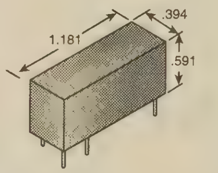

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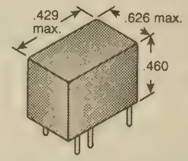

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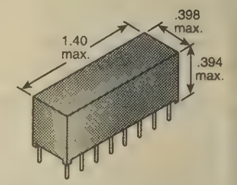


RT SERIES: MINIATURE 16A PCB RELAY

Specifications:
- Enclosures: Immersion cleanable, plastic case

MOUSER STOCK NO.	Fig.	Coil Voltage	Contact Rating	Coil Arrangment	Price Each			
					1	25	50	100
655-RTE24005F	A	5 VDC	8 A	DPDT	2.75	2.49	2.23	1.83
655-RTB14005F	A	5 VDC	12 A	SPDT	2.32	2.03	1.85	1.58
655-RTB14012F	A	12 VDC	12 A	SPDT	4.18	3.67	3.35	2.86
655-RTB34012F	A	12 VDC	12 A	SPST-NO	4.18	3.67	3.35	2.86
655-RTD14012F	A	12 VDC	16 A	SPDT	4.18	3.67	3.35	2.86
655-RTD34012F	A	12 VDC	16 A	SPST-NO	4.18	3.67	3.35	2.86
655-RTE24024F	A	24 VDC	8 A	DPDT	2.79	2.53	2.25	2.17
655-RTB14024F	A	24 VDC	12 A	SPDT	4.18	3.67	3.35	2.86
655-RTB34024F	A	24 VDC	12 A	SPST-NO	4.18	3.67	3.35	2.86
655-RTD34024F	A	24 VDC	16 A	SPST-NO	3.72	3.35	3.05	2.60

R10 SERIES: MULTICONTACT GENERAL PURPOSE RELAYS

Specifications:
- Termination: Solder/plug-in terminals
- Enclosure: Non-sealed polycarbonate cover
- Contact rating:
  R10-E1X = 3A max
  R10-E1x = 5A @ 115 VAC,
  3A @ 28VDC

MOUSER STOCK NO.	Fig.	Coil Voltage	Contact Arrangement	Dim. A (In.)	Price Each			
					1	25	50	100
655-R10-E1Y2-V52	B	6 VDC	DPDT	.95	13.66	11.93	11.01	10.63
655-R10-E1Y4-V52	B	6 VDC	4PDT	1.165	16.10	14.13	12.79	11.38
655-R10-E1X2-V52	B	6 VDC	DPDT	.95	14.86	13.01	11.74	10.40
655-R10-E1Y2-V185	B	12 VDC	DPDT	.95	13.66	11.93	11.01	10.63
655-R10-E1Y4-V185	B	12 VDC	4PDT	1.165	16.10	14.13	12.79	11.38
655-R10-E1X2-V185	B	12 VDC	DPDT	.95	14.86	13.01	11.74	10.40
655-R10-E1X4-V185	B	12 VDC	4PDT	1.165	17.36	15.63	14.50	12.15
655-R10-E1W2-V700	B	24 VDC	DPDT	.95	15.22	14.42	12.82	12.02
655-R10-E1Y2-V700	B	24 VDC	DPDT	.95	13.66	11.93	11.01	10.63
655-R10-E1Y4-V700	B	24 VDC	4PDT	1.165	16.10	14.13	12.79	11.38
655-R10-E1X2-V700	B	24 VDC	DPDT	.95	14.86	13.01	11.74	10.40
655-R10-E1X4-V700	B	24 VDC	4PDT	1.165	17.36	15.63	14.50	12.15
655-R10-E1Y4-V2.5K	B	48 VDC	4PDT	1.165	16.10	14.13	12.79	11.38
655-R10-E1Y2-V2.5K	B	48 VDC	DPDT	.95	13.66	11.93	11.01	10.63
655-R10-E1X2-V2.5K	B	48 VDC	DPDT	.95	14.86	13.01	11.74	10.40
655-R10-E1X4-V2.5K	B	48 VDC	4PDT	1.165	17.36	15.63	14.50	12.15

T7C SERIES: MINIATURE 12A POWER PCB RELAY

Specifications:
- Single coil, non-latching
- Contact arrangement: SPDT
- Enclosure: T7CS - Immersion cleanable
- T7CV - Vented, flux-tight, plastic cover

MOUSER STOCK NO.	Fig.	Coil Voltage	Coil Resistance	Price Each			
				1	25	50	100
655-T7CS5D-05	C	5 VDC	70Ω	1.43	1.29	1.15	0.95
655-T7CV5D-12	C	12 VDC	400Ω	1.43	1.29	1.15	0.95
655-T7CS5D-12	C	12 VDC	400Ω	1.43	1.29	1.15	0.95
655-T7CS5D-24	C	24 VDC	1600Ω	1.43	1.29	1.15	0.95

T73, T77, AND T7N SERIES: MINIATURE 10A PCB RELAY

Specifications:
- Contact arrangement: T73 and T7N - SPDT, T77 - SPST-NO
- Immersion cleanable, plastic sealed case

MOUSER STOCK NO.	Fig.	Coil Voltage	Coil Resistance	Price Each			
				1	25	50	100
655-T73S5D15-05	D	5 VDC	56Ω	2.16	1.95	1.75	1.44
655-T73S5D15-12	D	12 VDC	320Ω	2.16	1.95	1.75	1.44
655-T73S5D15-24	D	24 VDC	1150Ω	2.16	1.95	1.75	1.44
655-T77S1D10-12	E	12 VDC	320Ω	1.58	1.42	1.28	1.05
655-T77S1D3-12	E	12 VDC	720Ω	1.58	1.42	1.28	1.05
655-T77V1D10-24	E	24 VDC	1280Ω	1.58	1.42	1.28	1.05
655-T7NS5D1-05	F	5 VDC	70Ω	1.26	1.13	1.02	0.84
* 655-T7NS5D1-12	F	12 VDC	400Ω	1.26	1.13	1.02	0.84
655-T7NS5D1-24	F	24 VDC	1600Ω	1.26	1.13	1.02	0.84
655-T7NS5D1-48	F	48 VDC	6400Ω	1.89	1.71	1.53	1.26

* Contact rating is 3A for T77S1D3-12

T75 SERIES: LOW PROFILE, HI-CURRENT PCB RELAY

Specifications:
- Single coil, non-latching
- Contact arrangement: SPDT
- Contact rating: 14 Amps
- Immersion cleanable, ultrasonically sealed case

MOUSER STOCK NO.	Fig.	Coil Voltage	Coil Resistance	Price Each			
				1	25	50	100
655-T75S5D112-05	G	5 VDC	118Ω	3.60	3.38	3.26	3.15
655-T75S5D112-12	G	12 VDC	650Ω	3.60	3.38	3.26	3.15
655-T75S5D112-24	G	24 VDC	2270Ω	3.60	3.38	3.26	3.15

T81H/T81N SERIES: ULTRAMINIATURE, PCB RELAY

Specifications:
- Contact rating: 1A @ 24 VDC and 120 VAC
- Contact arrangement: SPDT
- T81N - standard coil
- T81H - sensitive coil

MOUSER STOCK NO.	Fig.	Coil Voltage	Coil Resistance	Price Each			
				1	25	50	100
655-T81H5D312-05	H	5 VDC	125Ω	2.78	2.50	2.22	1.95
655-T81H5D312-12	H	12 VDC	700Ω	2.78	2.50	2.22	1.95
655-T81N5D312-12	H	12 VDC	320Ω	2.92	2.63	2.34	2.05
655-T81N5D312-24	H	24 VDC	1280Ω	2.92	2.63	2.34	2.05
655-T81H5D312-24	H	24 VDC	2800Ω	2.78	2.50	2.22	1.95

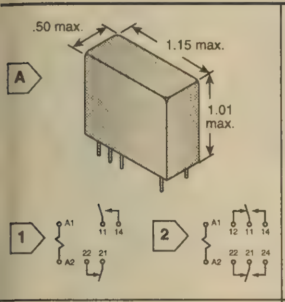
T84 SERIES: HIGH DIELECTRIC 4 POLE PCB RELAY

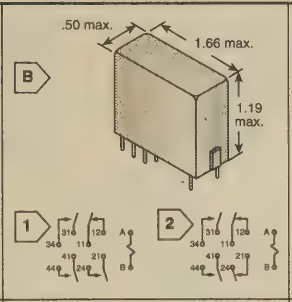
Specifications:
- Contact arrangement: Bifurcated cross bar in 4PDT
- Immersion cleanable, plastic sealed case.
- Standard 28-pin DIP

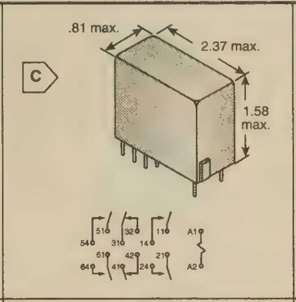
MOUSER STOCK NO.	Fig.	Coil Voltage	Coil Resistance	Price Each			
				1	25	50	100
Sensitive Coil							
655-T84S17D214-05	I	5 VDC	125Ω	9.05	8.19	7.33	6.04
655-T84S17D214-12	I	12 VDC	720Ω	9.05	8.19	7.33	6.04
655-T84S17D214-24	I	24 VDC	2880Ω	9.05	8.19	7.33	6.04
Standard Coil Sensitivity							
655-T84S17D414-05	I	5 VDC	62.5Ω	9.05	8.19	7.33	6.04
655-T84S17D414-12	I	12 VDC	360Ω	9.05	8.19	7.33	6.04
655-T84S17D414-24	I	24 VDC	1440Ω	9.05	8.19	7.33	6.04

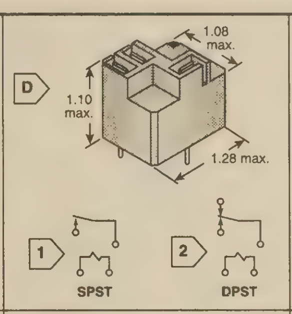
tyco Electronics P&B PCB and Panel Mount Relays

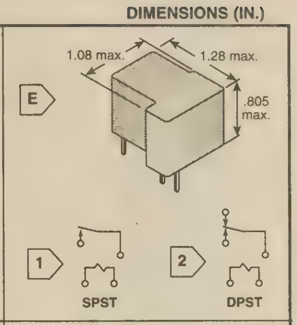
DIMENSIONS (IN.)

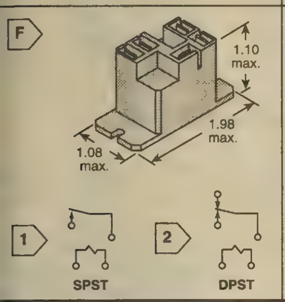


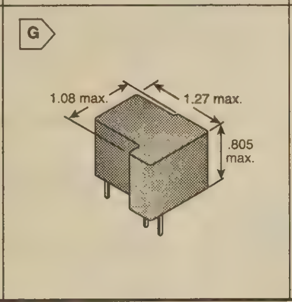


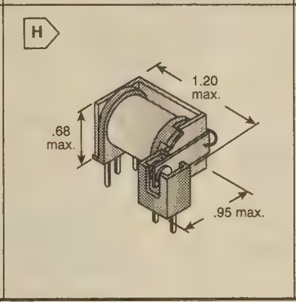


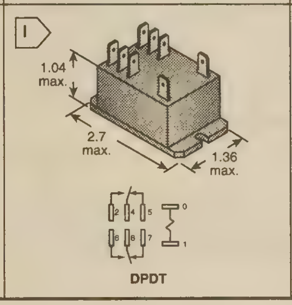


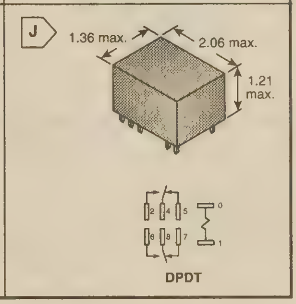












SR2M/ZW/SR4 SERIES: SAFETY PCB RELAYS

Features:
- High insulation spacing for the safe seperation of the contact circuits
- Applications include two-hand controls, automatic door controls and system controls
- SR2M: Neutral, monostable with 2 forcibly guided contacts
- ZW: Neutral, monostable with 6 forcibly guided contacts
- SR4: Polarized, monostable with 4 forcibly guided contacts

∗ Contact type and assembly:
01 = 2 changeover;
11 = 1 make(NO), 1 break(NC)
22 = 2 make (NO), 2 break (NC)
31 = 3 make (NO), 1 break (NC)
101 = 4 make (NO), 2 break (NC)

MOUSER STOCK NO.	Fig.	Series	Contact Type∗	Coil Voltage	Price Each			
					1	25	50	100
655-V23047A1012A511	A1	SR2M	11	12 VDC	7.84	7.35	7.11	6.86
655-V23047A1005A501	A2	SR2M	01	5 VDC	8.13	7.62	7.37	7.11
655-V23047A1012A501	A2	SR2M	01	12 VDC	8.43	7.91	7.64	7.38
655-V23049B1005A331	B1	SR4	31	12 VDC	19.42	18.21	17.60	17.00
655-V23049B1005A122	B2	SR4	22	12 VDC	25.89	24.27	23.46	22.65
655-V23048A1001A101	C	ZW	101	12 VDC	37.15	34.83	33.67	32.51

T9A SERIES: LOW COST RELAYS

Features:
- UL Class F insulation system
- Well suited for various industrial, commercial and residential applications
- Immersion cleanable (T9AS).
  T9AP is unsealed with a plastic dust cover.

Specifications:
- Mechanical life: 10 million operations, typical
- Min. contact load: 1A @ 5VDC or 12VAC
- Dielectric strength: 1500 volts RMS between contacts; 2500 volts RMS between contacts and coil.
- Max. coil power: 2.8 Watts
- Mounting: PCB (1) - PC terminals for coil and contacts
  PCB (2) - PC terminals for coil and contacts, and .250" quick connects for contacts
  Flange - .187" quick connects for coil and .250" quick connects for contacts

MOUSER STOCK NO.	Fig.	Coil Voltage	Contact Rating	Type	Contact Material	Price Each			
						1	25	50	100
655-T9AS1D22-12	D1	12 VDC	30 A	SPST-NO	PCB (2)	3.32	3.00	2.69	2.21
655-T9AS1D22-24	D1	24 VDC	30 A	SPST-NO	PCB (2)	3.32	3.00	2.69	2.21
655-T9AS5D22-12	D2	12 VDC	15 A	SPDT	PCB (2)	3.32	3.00	2.69	2.21
655-T9AS5D22-24	D2	24 VDC	15 A	SPDT	PCB (2)	3.32	3.00	2.69	2.21
655-T9AS1D12-12	E1	12 VDC	30 A	SPST-NO	PCB (1)	3.07	2.77	2.48	2.04
655-T9AS1D12-24	E1	24 VDC	30 A	SPST-NO	PCB (1)	3.07	2.77	2.48	2.04
655-T9AS5D12-12	E2	12 VDC	15 A	SPDT	PCB (1)	3.07	2.77	2.48	2.04
655-T9AS5D12-24	E2	24 VDC	15 A	SPDT	PCB (1)	3.07	2.77	2.48	2.04
655-T9AP5D52-12	F2	12 VDC	15 A	SPDT	Flange	3.78	3.42	3.06	2.52
655-T9AP5D52-24	F2	24 VDC	15 A	SPDT	Flange	3.78	3.42	3.06	2.52

T90 SERIES: LOW COST PCB RELAYS

Features:
- UL Class F insulation system
- Well suited for industrial, commercial and residential applications
- Immersion cleanable, tape sealed plastic case (T90S only)

Specifications:
- Contact materials: Silver cadmium oxide
- IMechanical life: 10 million operations

MOUSER STOCK NO.	Fig.	Coil Voltage	Contact Arrangement	Price Each			
				1	25	50	100
655-T90S5D12-5	G	5 VDC	SPDT	3.84	3.30	3.12	2.56
655-T90S1D12-5	G	5 VDC	SPDT-NO	3.70	2.99	3.02	2.46
655-T90N5D12-12	H	12 VDC	SPDT	2.75	2.46	2.23	1.83
655-T90N1D12-12	H	12 VDC	SPDT-NO	2.61	2.35	2.11	1.74
655-T90S1D12-12	G	12 VDC	SPST-NO	3.70	3.13	2.82	2.46
655-T90S5D12-12	G	12 VDC	SPDT	3.84	3.30	3.12	2.56
655-T90N1D12-24	H	24 VDC	SPST-NO	2.61	2.35	2.11	1.74
655-T90N5D12-24	H	24 VDC	SPDT	2.75	2.46	2.23	1.83
655-T90S1D12-24	G	24 VDC	SPDT-NO	3.70	3.13	2.82	2.46
655-T90S5D12-24	G	24 VDC	SPDT	3.84	3.30	3.12	2.56

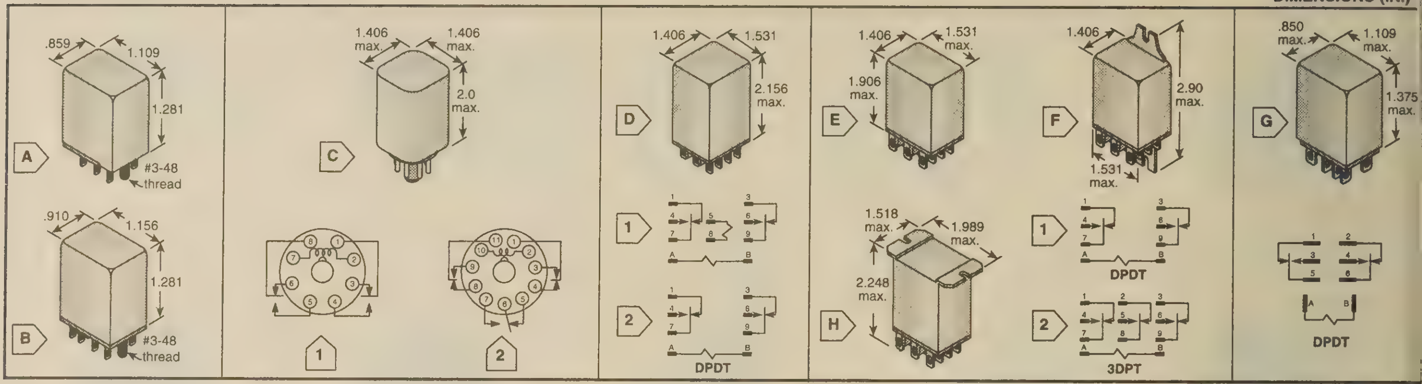
T92 SERIES: TWO-POLE, 30 AMP RELAY

Features:
- Designed to control compressor loads to 3.5 tons
- UL Class F construction

Specifications:
- Contact materials: Silver cadmium oxide
- Mechanical life: 5 million operations
- Electrical life: 100,000 operations at rated load
- Enclosure: T92P - Unsealed plastic dust cover
  T92S (PCB mount only) - Immersion cleanable, tape sealed plastic case
- Mounting: PCB - .250" quick connects for coil and contacts
  Panel mount (via flanged cover) - .187" quick connects for coil and contacts and .250 quick connects for contacts

MOUSER STOCK NO.	Fig.	Coil Voltage	Type	Mounting Type	Price Each			
					1	25	50	100
655-T92P11D22-12	I	12 VDC	DPDT	PANEL MOUNT	9.67	9.16	7.89	7.13
655-T92P7D22-12	I	12 VDC	DPST-NO	PANEL MOUNT	9.03	7.87	7.27	6.48
655-T92S11D22-12	I	12 VDC	DPDT	PANEL MOUNT	10.74	10.17	8.76	7.91
655-T92S7D12-12	J	12 VDC	DPST-NO	PCB	9.73	9.22	7.94	7.17
655-T92S7D22-12	I	12 VDC	DPST-NO	PANEL MOUNT	9.73	9.22	7.94	7.17
655-T92P7A22-24	I	24 VAC	DPST-NO	PANEL MOUNT	10.60	9.27	8.38	7.43
655-T92S11A22-24	I	24 VAC	DPDT	PANEL MOUNT	12.33	11.68	10.06	9.09
655-T92S11D12-24	J	24 VDC	DPDT	PCB	10.74	10.17	8.76	7.91
655-T92S11D22-24	I	24 VDC	DPDT	PANEL MOUNT	10.74	10.17	8.76	7.91
655-T92S7D12-24	J	24 VDC	DPST-NO	PCB	9.73	9.22	7.94	7.17
655-T92P11A22-120	I	120 VAC	DPDT	PANEL MOUNT	11.13	10.55	9.08	8.20
655-T92P7A22-120	I	120 VAC	DPST-NO	PANEL MOUNT	10.60	9.27	8.38	7.43
655-T92S7A22-120	I	120 VAC	DPST-NO	PANEL MOUNT	11.19	10.60	9.13	8.25

DIMENSIONS (IN.)



KHA/KH SERIES: DRY CIRCUIT TO 5A MULTICONTACT AC OR DC RELAY

Specifications:
- Contact arrangement: All are 4PDT except KHAU-11D12-12, which is DPDT
- Contact materials: 1 - Silver
  2 - Silver-cadmium oxide
  6 - Bifurcated crossbar, gold overlay silver
- Mounting: Socket/Solder terminals
- Enclosure: KHAU - Clear polycarbonate dust cover
- KHS - Hermetically sealed steel case

MOUSER STOCK NO.	Fig.	Coil Voltage	Contact Material	Price Each			
				1	25	50	100
655-KHAU-17D11-12	A	12 VDC	1	7.79	7.38	6.36	5.74
655-KHAU-17A11-24	A	24 VAC	1	8.57	8.12	6.99	6.31
655-KHAU-17A16-24	A	24 VAC	6	9.80	9.29	8.00	7.22
655-KHAU-17D11-24	A	24 VDC	1	7.79	7.38	6.36	5.74
655-KHAU-17D12-24	A	24 VDC	2	7.79	7.38	6.36	5.74
655-KHAU-17A12-120	A	120 VAC	2	7.79	7.38	6.36	5.74
655-KHAU-17A11-120	A	120 VAC	1	7.79	7.38	6.36	5.74
* 655-KHAU-17A11N-120	A	120 VAC	1	12.52	11.86	10.21	9.23
655-KHS-17D11-24	B	24 VDC	1	50.08	47.45	40.86	36.90
655-KHS-17D12-24	B	24 VDC	2	50.08	47.45	40.86	36.90
655-KHS-17A11-120	B	120 VAC	1	54.95	52.06	44.83	40.49
655-KHS-17A12-120	B	120 VAC	2	54.95	52.06	44.83	40.49

* KHAU-17A11N-120 has a neon indicator

KR/KRPA SERIES: OCTAL-TYPE 10A GENERAL PURPOSE RELAY

Specifications:
- Enclosure: KRPA - Clear polycarbonate dust cover
  KR - Hermetically sealed metal case

MOUSER STOCK NO.	Fig.	Coil Voltage	Contact Arrangement	Price Each			
				1	25	50	100
655-KRPA-11DG-12	C1	12 VDC	DPDT	20.90	19.80	17.05	15.40
655-KRPA-11DG-24	C1	24 VDC	DPDT	20.90	19.80	17.05	15.40
655-KRPA-11AG-24	C1	24 VAC	DPDT	20.90	19.80	17.05	15.40
655-KRPA-11DG-110	C1	110 VDC	DPDT	22.67	21.47	18.49	16.70
655-KRPA-11AG-120	C1	120 VAC	DPDT	20.90	19.80	17.05	15.40
655-KRPA-11DN-24	C1	24 VDC	DPDT	23.66	22.41	19.30	17.43
655-KRPA-11AN-120	C1	120 VAC	DPDT	23.79	22.54	19.41	17.53
655-KRPA-14DG-24	C2	24 VDC	3PDT	25.54	24.19	20.83	18.82
655-KRPA-14AG-120	C2	120 VAC	3PDT	25.73	24.37	20.99	18.96
655-KRPA-14AN-120	C2	120 VAC	3PDT	28.99	27.47	23.65	21.36

KUL SERIES: 10A MAGNETIC LATCHING RELAYS

Specifications:
- Contact arrangement: DPDT
- Termination: .187" quick conect/solder terminals
- Enclosure: Clear plastic polycarbonate case

MOUSER STOCK NO.	Fig.	Coil Voltage	No. of Coils	Price Each			
				1	25	50	100
655-KUL-11D15D-24	D1	24 VDC	2	40.19	37.68	36.42	35.17
655-KUL-11A15S-120	D2	120 VAC	1	33.42	31.34	30.29	29.25

KU SERIES: ENCLOSED 10, 15 AND 30A GENERAL PURPOSE RELAYS

Specifications:
- Terminal: .187" quick connect/solder
- Coil rating: All are rated at 10 A except KUMP which is rated at 15 A and KUHP which is rated at 30 A
- Enclosure: Clear polycarbonate dust cover

Case styles:
1 - Plain case
3 - With indicator lamp
4 - With test button and indicator lamp
5 - Bracket mount case
T - Top flange case

MOUSER STOCK NO.	Fig.	Coil Voltage	Contact Arrangement	Case Style	Price Each			
					1	25	50	100
655-KUP-11D15-12	E1	12 VDC	DPDT	1	12.06	11.31	10.93	10.56
655-KUP-11D55-12	F1	12 VDC	DPDT	5	12.46	11.69	11.30	10.91
655-KUP-14D15-12	E2	12 VDC	3PDT	1	13.84	12.98	12.54	12.11
655-KUP-14D15-24	E2	24 VDC	3PDT	1	13.84	12.98	12.54	12.11
655-KUP-14D35-24	E2	24 VDC	3PDT	3	20.72	19.43	18.78	18.13
655-KUMP-14D18-24	E2	24 VDC	3PDT	1	15.23	14.28	13.80	13.33
655-KUP-11A15-120	E1	120 VAC	DPDT	1	12.70	11.91	11.51	11.12
655-KUP-11A55-120	F1	120 VAC	DPDT	5	13.30	12.47	12.05	11.63
655-KUP-14A15-120	E2	120 VAC	3PDT	1	14.19	13.31	12.86	12.42
655-KUP-14A35-120	E2	120 VAC	3PDT	3	17.15	16.08	15.54	15.01
655-KUP-14A45-120	E2	120 VAC	3PDT	4	18.88	17.70	17.11	16.52
655-KUP-14A55-120	F2	120 VAC	3PDT	5	14.58	13.67	13.21	12.75

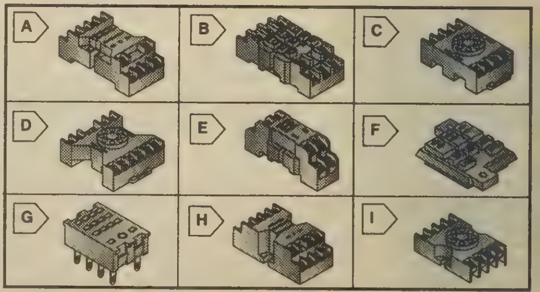
K10 SERIES: MINIATURE 15A GENERAL PURPOSE RELAY

Specifications:
- Contact arrangement: DPDT
- Max. Power: 2 Watts
- Mounting: Socket - .187" quick connect/solder terminals
  PC terminals - .160" length
- Enclosure: Smoke-color polycarbonate dust cover

MOUSER STOCK NO.	Fig.	Coil Voltage	Mounting Style	Price Each			
				1	25	50	100
655-K10P-11D15-12	H	12 VDC	Socket	9.33	8.84	7.61	6.87
655-K10P-11D55-24	H	24 VDC	PC terminals	9.61	9.11	7.84	7.08
655-K10P-11A15-24	H	24 VAC	Socket	10.36	9.81	8.45	7.63
655-K10P-11D15-24	H	24 VDC	Socket	9.33	8.84	7.61	6.87
655-K10P-11D55-110	H	110 VDC	PC terminals	11.04	10.46	9.01	8.13
655-K10P-11A15-120	H	120 VAC	Socket	10.36	9.81	8.45	7.63

SOCKETS

MOUSER STOCK NO.	Fig.	Description	For use with series	Price Each			
				1	25	50	100
655-27E894	A	Screw terminal, DIN rail mount, 14 pins	KHAU, KHS	16.59	15.71	13.53	12.22
655-27E893	B	Screw terminal, DIN rail mount, 11 pins	KUL, KUP, KUIP,KUEP, KUMP	10.89	10.31	8.88	8.02
655-27E121	B	Screw terminal, 1-3 poles	KUL, KUP, KUIP,KUEP, KUMP	9.84	9.32	8.03	7.25
655-27E891	C	Screw terminal, octal, 8 pins	KRPA	6.84	6.48	5.58	5.04
655-27E892	D	Screw terminal, 11 pins	KRPA	10.32	9.77	8.42	7.60
655-27E895	E	Screw terminal, DIN rail mount, DPDT	K10	8.95	8.48	7.30	6.59
655-27E046	F	PC board, 1-3 poles	KUP	2.47	2.34	2.02	1.82
655-27E023	G	PC board, 4 poles	KHAU, KHS	1.58	1.49	1.29	1.16
655-27E166	H	Screw terminal, 4 poles	KHAU, KHS	22.23	21.06	18.14	16.38
655-27E122	I	Screw terminal, octal, 8 pins	KRPA	5.04	4.77	4.11	3.71



DIMENSIONS (IN.)

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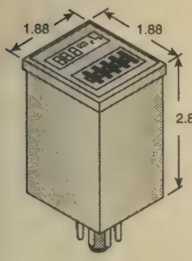

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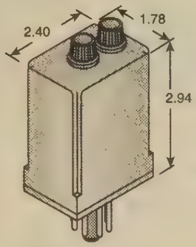

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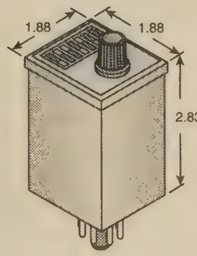

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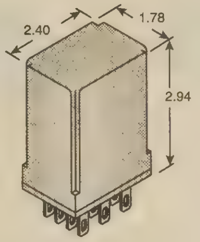

Plain Case Syle Shown

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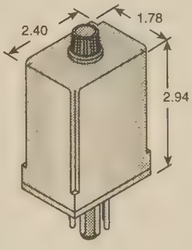


CNT SERIES: MULTIFUNCTION, DIGITAL TIME DELAY RELAY/COUNTERS

Features:
- UL Class F insulation system
- Ten programmable timing mode and 2 counting modes
- 0.1 sec. To 9990 hr. programmable timing range
- 1 to 99900 counting range
- LCD digital display
- Digital adjustment via thumbwheel switches

Specifications:
- Contact materials: Silver cadmium oxide
- Contact arrangements: DPDT
- Contact material: Silver-cadmium oxide alloy
- Contact rating: 10 A
- Mechanical life: 10 million operations
- Electrical life: 100,000 operations, min.
- Termination: 11-pin octal style plug
- Enclosure: Beige plastic 1/16 DIN case

MOUSER STOCK NO.	Fig.	Input Type	Input Voltage	Max Voltage	Price Each			
					1	25	50	100
655-CNT-35-76	A	Fixed	120 VAC	138 VAC	**91.92**	**82.73**	**73.54**	**63.35**
655-CNT-35-96	A	Universal	24-240 VAC/DC	276 VAC/DC	**106.62**	**95.96**	**85.30**	**76.64**
655-CNT-35-26	A	Fixed	12 VDC	13.8 VDC	**91.92**	**82.73**	**73.54**	**63.35**

CS SERIES: SOLID STATE HYBRID VOLTAGE SENSORS

Features:
- Can be used as an over or undervoltage sensor
- Adjustable pick-up and drop-out

Specifications:
- Contact materials: Silver cadmium oxide
- Response time: 10-25 ms typical
- Internal contact arrangement: DPDT
- Internal relay contact rating: 10A
- Mounting: 8-pin octal style plug

MOUSER STOCK NO.	Fig.	Pick-up Volts	Drop-out Range (volts)	Max Voltage	Price Each			
					1	25	50	100
655-CSJ-38-70010	B	92-140	90-138	150 VAC	**119.63**	**112.16**	**108.42**	**104.68**
655-CSL-38-30010	B	20-30	18-28	32 VAC	**119.63**	**112.16**	**108.42**	**104.68**
655-CSL-38-40010	B	40-58	38-56	60 VAC	**119.63**	**112.16**	**108.42**	**104.68**
655-CSL-38-60010	B	92-140	90-138	150 VDC	**119.63**	**112.16**	**108.42**	**104.68**

CNS SERIES: MULTIFUNCTION TIME DELAY RELAY

Features:
- 0.1 sec. To 100 min. programmable timing range
- DIP switch selection fo timing mode and range
- Knob and dial scale for setting actual delay time

Specifications:
- Contact arrangements: DPDT
- Contact material: Silver-cadmium oxide
- Contact rating: 10 A
- Mechanical life: 10 million operations
- Electrical life: 100,000 operations, min.
- Universal Input
- Enclosure: Beige plastic 1/16 DIN case

MOUSER STOCK NO.	Fig.	Input Voltage	No. of Pins	Timing Functions	Price Each			
					1	25	50	100
655-CNS-35-92	C	24-240 VAC/VDC	8	4	**66.35**	**59.37**	**55.18**	**50.64**
655-CNS-35-96	C	24-240 VAC/VDC	11	8	**83.28**	**74.95**	**66.63**	**60.38**

CL SERIES: COMPACT TIME DELAY RELAYS

Features:
- Delay on operate timing mode
- No timing cycle interrupt transfer

Specifications:
- Input voltage: 120 VAC
- Contact arrangement: DPDT
- Contact material: Silver-cadmium oxide
- Contact rating: 10 A
- Mechanical life: 10 million operations
- Electrical life: 100,000 operations, min.
- Termination: .187" quick connect
- Enclosure: Yellow plastic case

MOUSER STOCK NO.	Fig.	Case Style	Time Delay (sec.)	Adj. Type	Price Each			
					1	25	50	100
655-CLF-41-70010	D	Plain	0.1 - 10	Resistor	**75.38**	**70.92**	**66.51**	**62.08**
655-CLF-42-70010	D	Bracket mt.	0.1 - 10	Resistor	**75.38**	**70.92**	**66.51**	**62.08**
655-CLB-51-70010	D	Bracket mt. w/ test button	0.1 - 10	Knob	**83.03**	**78.54**	**71.81**	**62.84**
655-CLB-51-70120	D	Bracket mt. w/ test button	1.2 - 120	Knob	**83.03**	**78.54**	**71.81**	**62.84**

CD SERIES: CMOS IC TIME DELAY RELAYS

Features:
- 1% Repeatability
- Delay on operate timing mode
- Knob adjustment

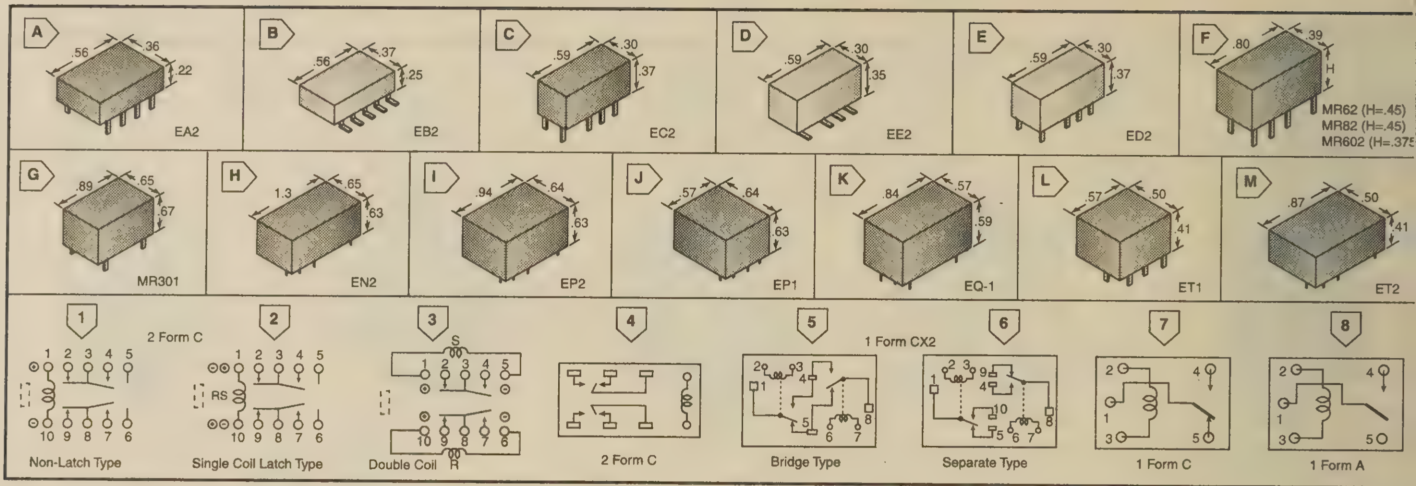
Specifications:
- Contact arrangement: DPDT
- Contact material: Silver-cadmium oxide
- Contact rating: 10 A
- Mechanical life: 10 million operations
- Electrical life: 100,000 operations, min.
- Termination: 8 pin octal style plug
- Enclosure: Yellow plastic case

MOUSER STOCK NO.	Fig.	Time Delay (sec.)	Input Voltage	Max Voltage	Price Each			
					1	25	50	100
655-CDB-38-70003	E	0.1 - 10	120 VAC	130 VAC	**156.86**	**147.06**	**142.16**	**137.26**
655-CDB-38-70004	E	0.6 - 60	120 VAC	130 VAC	**156.86**	**147.06**	**142.16**	**137.26**
655-CDB-38-70005	E	1.8 - 180	120 VAC	130 VAC	**156.86**	**147.06**	**142.16**	**137.26**

SOCKETS

MOUSER STOCK NO.	Description	Price Each			
		1	25	50	100
655-27E122	Screw terminal, 8 pin octal socket	5.30	4.77	4.24	3.71
655-27E891	Screw terminal, 8 pin octal socket	6.24	5.62	5.00	4.37
655-27E892	Screw terminal, 11 pin octal socket	9.42	8.48	7.54	6.60
655-27E893	Screw terminal, DIN rail mount, 11 pins	9.94	8.95	7.96	6.96
655-24A110	Aluminum DIN rail track, 36"	9.98	8.99	7.99	6.99

NEC Miniature Relays



EA2 SERIES MINIATURE RELAY-SIGNAL

- Low power consumption
- Low magnetic interference
- Breakdown voltage: 1000VAC
- Surge voltage: 1500V
- FCC Part 68

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Max. Switching Current	Price Each			
						1	10	25	50
Non-Latch Type									
551-EA2-5NJ	A1	5	178	140mW	1A	2.67	2.46	2.26	2.05
551-EA2-12NJ	A1	12	1028	140mW	1A	2.67	2.46	2.26	2.05
551-EA2-24NJ	A1	24	2880	200mW	1A	3.09	2.85	2.61	2.38
Single Coil Latch Type									
551-EA2-5SNJ	A2	5	250	140mW	1A	3.09	2.85	2.61	2.38
551-EA2-12SNJ	A2	12	1440	140mW	1A	3.09	2.85	2.61	2.38
551-EA2-24SNJ	A2	24	3840	150mW	1A	3.51	3.24	2.97	2.70
Double Coil Latch Type									
551-EA2-5TNJ	A3	5	178	140mW	1A	3.23	2.98	2.73	2.48
551-EA2-12TNJ	A3	12	1028	140mW	1A	3.23	2.98	2.73	2.48
551-EA2-24TNJ	A3	24	2880	200mW	1A	3.93	3.63	3.33	3.02

EB2 SERIES MINIATURE RELAY-SIGNAL

- Surface mount
- Ultra-low profile type
- FCC Part 68
- Low power consumption
- Low magnetic interference
- Breakdown voltage: 1000VAC
- Surge voltage: 1500V

For quantities greater than listed, call for quote.

551-EB2-5NU	B1	5	178	140mW	2A	2.67	2.46	2.26	2.05
551-EB2-12NU	B1	12	1028	140mW	2A	2.67	2.46	2.26	2.05
551-EB2-24NU	B1	24	2880	200mW	2A	3.09	2.85	2.61	2.38

EC2 SERIES MINIATURE RELAY-SIGNAL

- Low power consumption
- Compact and light weight
- FCC Part 68, Belcore EN60950
- Reduced mounting space: 15mm x 7.5mm
- High-breakdown voltage of coil to contacts: 1500VAC, 2500V

For quantities greater than listed, call for quote.

551-EC2-5NJ	C1	5	178	140mW	2A	2.67	2.46	2.26	2.05
551-EC2-12NJ	C1	12	1028	140mW	2A	2.67	2.46	2.26	2.05
551-EC2-24NJ	C1	24	2880	200mW	2A	3.09	2.85	2.61	2.38

EE2 SERIES MINIATURE RELAY-SIGNAL

- Low power consumption
- Surface mount
- FCC Part 68, Belcore EN60950
- Reduced mounting space: 15mm x 9.5mm
- High-breakdown voltage of coil to contacts: 1500VAC, 2500V

For quantities greater than listed, call for quote.

551-EE2-5NU	D1	5	178	140mW	2A	2.67	2.46	2.26	2.05
551-EE2-12NU	D1	12	1028	140mW	2A	2.67	2.46	2.26	2.05
551-EE2-24NU	D1	24	2880	200mW	2A	3.09	2.85	2.61	2.38

ED2 SERIES MINIATURE RELAY-SIGNAL

- Low power consumption
- Compact and light weight
- FCC Part 68, Belcore EN60950
- Reduced mounting space: 15mm x 7.5mm
- High-breakdown voltage of coil to contacts: 1500VAC, 2500V

For quantities greater than listed, call for quote.

551-ED2-5NJ	E1	5	500	50mW	1A	4.07	3.76	3.45	3.13
551-ED2-12NJ	E1	12	2400	60mW	1A	4.49	4.15	3.80	3.46
551-ED2-24NJ	E1	24	8229	70mW	1A	5.05	4.67	4.28	3.89

EF2 SERIES MINIATURE RELAY-SIGNAL

- Low power consumption
- Compact and light weight
- FCC Part 68, Belcore EN60950
- Reduced mounting space: 15mm x 9.5mm
- High-breakdown voltage of coil to contacts: 1500VAC, 2500V

For quantities greater than listed, call for quote.

551-EF2-5NU	D1	5	500	50mW	1A	4.07	3.76	3.45	3.13
551-EF2-12NU	D1	12	2400	60mW	1A	4.49	4.15	3.80	3.46
551-EF2-24NU	D1	24	8229	70mW	1A	5.05	4.67	4.28	3.89

MR62 SERIES MINIATURE RELAY-SIGNAL

- DIP terminal
- Super reliability at signal level
- Plastic sealed package for flow-soldering process
- FCC Part 68

For quantities greater than listed, call for quote.

551-MR62-5USR	F4	5	42	550mW	2A	2.67	2.46	2.26	2.05
551-MR62-12USR	F4	12	280	550mW	2A	2.67	2.46	2.26	2.05
551-MR62-24USR	F4	24	1050	550mW	2A	3.09	2.85	2.61	2.38
551-MR62-48USR	F4	48	4200	550mW	2A	4.49	4.15	3.80	3.46

MR82 SERIES MINIATURE RELAY-SIGNAL

- DIP terminal
- Sealed package
- Low power consumption
- Stable contact resistance at high temperature
- FCC Part 68
- Contact breakdown V=500V
- Operating time: 5.5mS

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10%	Nominal Power	Max. Switching Current	Price Each			
						1	10	25	50
551-MR82-5USR	F4	5	125	200mW	2A	2.67	2.46	2.26	2.05
551-MR82-12USR	F4	12	720	200mW	2A	2.67	2.46	2.26	2.05
551-MR82-24USR	F4	24	2880	200mW	2A	3.09	2.85	2.61	2.38

MR602 SERIES MINIATURE RELAY-SIGNAL

- DIP terminal
- Sealed package
- Low power consumption
- Stable contact resistance at high temperature
- FCC Part 68
- Contact breakdown V=1000V
- Operating time: 3.5mS

For quantities greater than listed, call for quote

551-MR602-5USR	F4	5	125	200mW	2A	3.93	3.63	3.33	3.02
551-MR602-12USR	F4	12	720	200mW	2A	3.93	3.63	3.33	3.02
551-MR602-24USR	F4	24	2880	200mW	2A	4.49	4.15	3.80	3.46
551-MR602-48USR	F4	48	11050	200mW	2A	5.05	4.67	4.28	3.89

MR301 SERIES MINIATURE RELAY-POWER

- Low profile, light weight
- UL/CSA type

For quantities greater than listed, call for quote

551-MR301-5HUSL	G7	5	70	360mW	10A	3.09	2.85	2.61	2.38
551-MR301-9HUSL	G7	9	225	360mW	10A	3.09	2.85	2.61	2.38
551-MR301-12HUSL	G7	12	400	360mW	10A	3.09	2.85	2.61	2.38
551-MR301-24HUSL	G7	24	1600	360mW	10A	3.37	3.11	2.85	2.59
551-MR301-48HUSL	G7	48	6400	360mW	10A	3.93	3.63	3.33	3.02

EN2 SERIES MINIATURE RELAY-POWER

- Twin relay for motor reversible motor control
- 30% less relay space than 2 conventional relays
- Symmetrical structure

For quantities greater than listed, call for quote.

H Bridge Type									
551-EN2-1N1S	H5	12	125	1.15W	35A	4.91	4.54	4.16	3.78
Separate Type									
551-EN2-1N1ST	H6	12	125	1.15W	35A	4.91	4.54	4.16	3.78

EP2 SERIES MINIATURE RELAY-POWER

- Twin relay for motor reversible control
- 50% less relay space than 2 conventional relays
- Symmetrical structure

For quantities greater than listed, call for quote.

H Bridge Type									
551-EP2-3N1S	I5	12	225	640mW	30A	3.93	3.63	3.33	3.02
Separate Type									
551-EP2-3N1ST	I6	12	225	640mW	30A	3.93	3.63	3.33	3.02

EP1 SERIES MINIATURE RELAY-POWER

- Motor reversible control
- Low profile
- Two types of contact according to switching current (Stardard type: 25A max.; high current type: 30A max.)

For quantities greater than listed, call for quote.

551-EP1-3N1S	J5	12	225	640mW	30A	2.11	1.94	1.78	1.62

EQ1 SERIES MINIATURE RELAY-SIGNAL

- PC board mounting
- Automotive relay
- Motor load: 31000S
- Lamp load: 22111S

For quantities greater than listed, call for quote.

551-EQ1-31000S	K7	16	225	640mW	35A	1.68	1.56	1.43	1.30
551-EQ1-22111S	K8	16	144	800mW	35A	1.68	1.56	1.43	1.30

ET1 SERIES MINIATURE RELAY-SIGNAL

- PC board mounting
- Automotive relay
- Ultra miniature

For quantities greater than listed, call for quote.

551-ET1-B3M1S	L7	12	225	640mW	25A	2.81	2.59	2.38	2.16

ET2 SERIES MINIATURE RELAY-SIGNAL

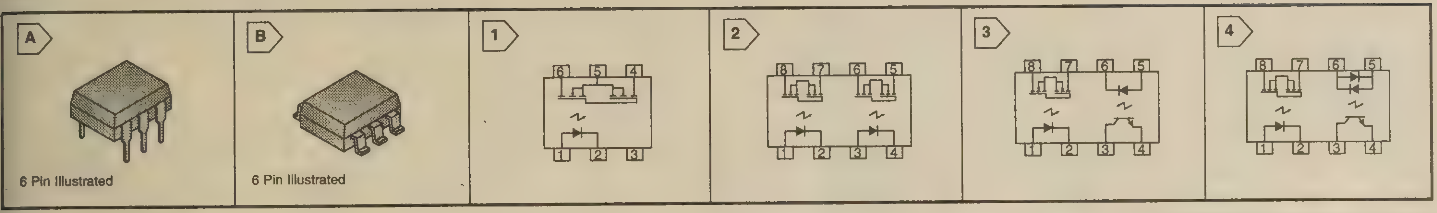
- PC board mounting
- Automotive relay
- Ultra miniature
- Twin relay for reversible motor control

For quantities greater than listed, call for quote.

551-ET2-B3M1S	M5	12	225	640mW	25A	5.34	4.92	4.51	4.10

Reed and Miniature Relays

NEC SOLID STATE RELAYS



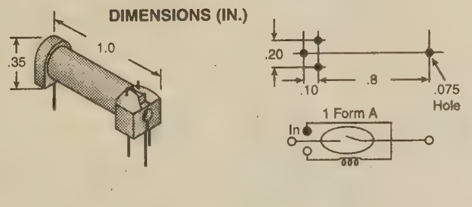
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	RON (Ω)	tON (ms)	tOFF (ms)	BV (V)	IL (mA)	PD (mW)	Isolation Voltage (Vrms)	Output Type	Price Each			
										1	10	100	1000
551-PS7141-1A	A1	30	1.0	0.2	400	150	560	1500	1a	1.75	1.54	1.37	1.29
551-PS7141L-1A	B1	30	1.0	0.2	400	150	560	1500	1a	1.78	1.56	1.39	1.31
551-PS7341-1A	A1	30	1.0	0.2	400	150	560	3750	1a	1.88	1.65	1.47	1.38
551-PS7341L-1A	B1	30	1.0	0.2	400	150	560	3750	1a	1.90	1.67	1.48	1.40
551-PS7360-1A	A1	50	2.0	0.2	600	90	560	3750	1a	3.00	2.64	2.35	2.21
551-PS7360L-1A	B1	50	2.0	0.2	600	90	560	3750	1a	3.03	2.66	2.36	2.22
551-PS7141-1B	A1	30	0.2	1.0	400	150	560	1500	1b	2.00	1.76	1.56	1.47
551-PS7141L-1B	B1	30	0.2	1.0	400	150	560	1500	1b	2.03	1.78	1.58	1.49
551-PS7141-2A	A2	30	1.0	0.2	400	150	375	1500	1a + 1a	3.50	3.08	2.74	2.58
551-PS7141L-2A	B2	30	1.0	0.2	400	150	375	1500	1a + 1a	3.53	3.10	2.75	2.59
551-PS7141-2B	A2	30	0.2	1.0	400	150	375	1500	1b + 1b	4.38	3.85	3.42	3.22
551-PS7141L-2B	B2	30	0.2	1.0	400	150	375	1500	1b + 1b	4.40	3.87	3.44	3.24
551-PS7241-AT1	B3	30	1.0	0.2	400	120	430	1500	1A + PS701	2.50	2.20	1.96	1.84
551-PS7241-AT5	B4	30	1.0	0.2	400	120	430	1500	1A + PS705	2.75	2.42	2.15	2.02

HIGH RELIABILITY REED RELAYS

1 Form A SPST Contacts Normally Open

Specifications:
- Contact resistance: 150mΩ (max.)
- Coil temperature rise: 30°C (max.)
- Temperature range: -10°C to +60°C
- Operate time: 1.0mS (max.)
- Release time: 0.5mS (max.)
- Dielectric strength: 500VAC for 1 minute between coil and contacts 200VDC for 1 minute between contacts



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Coil Volt (VDC)	Coil Resistance	Price Each		
			1	10	50
431-1405	5.0	250Ω	1.84	1.68	1.61
431-1415	5.0	500Ω	1.84	1.68	1.61
431-1412	12.0	1050Ω	1.84	1.68	1.61

GENERAL PURPOSE MINIATURE RELAYS

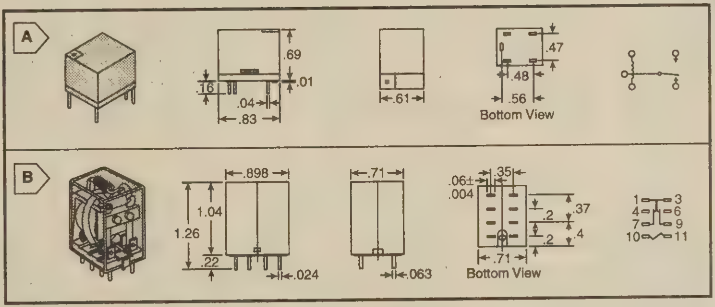
These general purpose miniature relays feature in-line contacts and a dust resistance plastic cover. Terminations are designed for board mounting, but may be soldered. The contacts are sliver plated.

Specifications A:
- Electrical life: 100,000 operations
- Mechanical life: 5,000,000 operations
- Contact rating: 7A 30VDC/12A 125VAC

Specifications B:
- Electrical life: 200,000 operations (min.)
- Mechanical life: 5,000,000 operations (min.)
- Contact rating: 5A 24VDC/120VAC

E74321 LR90143

DIMENSIONS (IN.)



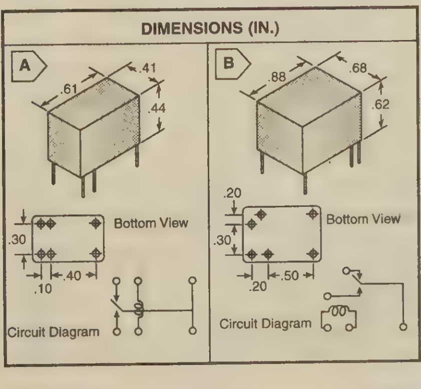
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit	Coil Volts	Coil (Ω)	Operate Time	Release Time	Price Each	
							1	10
433-812H	A	SPDT	12VDC	400	15mS	5mS	1.20	1.10
433-2411	B	DPDT	12VDC	125	15mS	10mS	6.00	5.51

HIGH PERFORMANCE MINIATURE RELAYS

Specifications:
- Mechanical life: 1,000,000 operations
- Electrical life: 100,000 operations
- Insulation resistance: 100MΩ min.
- Operating temperature: -25°C to +55°C
- Contact resistance: less than 50mΩ

E58304 LR48471



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Coil Specifications				Pick-Up Voltage (max.)	Release Voltage (min.)	Max Voltage (VDC)	Price Each		
		VDC	IDC (mA)	Resistance	Watts (W)				1	10	50
Subminiature 1 Form C SPDT Contact rating: 1A @ 24VDC or .5A @ 120VAC											
431-1705	A	5	72	69	.36	4.0	.25	6	2.05	1.89	1.76
431-1706	A	6	60	100	.36	4.5	.3	7.2	2.05	1.89	1.76
431-1712	A	12	30	400	.36	9	.6	14.4	2.05	1.89	1.76
Miniature 1 Form C SPDT Contact rating: resistive load 10A @ 120VAC or 24VDC, inductive load 3A @ 120VAC or 24VDC											
431-1305	B	5	80	70	.45	3.75	.25	6.5	2.14	1.96	1.78
431-1306	B	6	75	80	.45	4.5	.3	7.8	2.14	1.96	1.78
431-0112	B	12	37.5	320	.45	9	.6	15.6	2.14	1.96	1.78

SIP RELAYS - CLASS 117

Features:

*With clamping diode

- Contact rating max.: 10VA res. (load)
- Switching current max: 0.5A
- Contact resistance: 200mΩ

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Nom. Volts	Coil (Ω)	Max. Pick-up VDC	Nom. Power mW	Price Each			
							1	10	25	50
1 FORM A SPST - N.O.										
528-117-1	A1	W117SIP-1	5	500	4.0	50	4.62	4.11	3.89	3.66
528-117-3	A1	W117SIP-3	12	1870	9.6	77	4.62	4.11	3.89	3.66
528-117-5	A1	W117SIP-5	24	3200	19.2	180	4.91	4.37	4.13	3.89
*528-117-6	A2	W117SIP-6	5	500	4.0	50	4.91	4.37	4.13	3.89
*528-117-8	A2	W117SIP-8	12	1870	9.6	77	4.91	4.37	4.13	3.89
*528-117-10	A2	W117SIP-10	24	3200	19.2	180	6.11	5.42	5.13	4.83
1 FORM B SPST - N.C.										
*528-117-18	A3	W117SIP-18	5	500	4.0	50	7.53	6.68	6.32	5.96
528-117-22	A3	W117SIP-22	5	500	4.0	50	7.53	6.68	6.32	5.96
528-117-23	A3	W117SIP-23	12	1200	9.6	120	7.53	6.68	6.32	5.96
*528-117-25	A3	W117SIP-25	12	1200	9.6	120	7.90	7.01	6.63	6.25
*528-117-26	A3	W117SIP-26	24	2200	19.2	220	9.27	8.23	7.79	7.34

DIP RELAYS

Class 107

Features:

*With clamping diode

- Contact rating max.: 10VA res. (load)
- Switching current max: 0.5A
- Contact resistance: 200mΩ

1 FORM A SPST - N.O.											
528-107-1	B4	W107DIP-1	.275	5	500	3.8	50	3.99	3.53	3.34	3.15
528-107-3	B4	W107DIP-3	.275	12	1200	9.0	120	3.99	3.53	3.34	3.15
528-107-4	B4	W107DIP-4	.275	24	2200	18.0	260	4.33	3.83	3.62	3.42
*528-107-5	B5	W107DIP-5	.275	5	500	3.8	50	4.33	3.83	3.62	3.42
*528-107-7	B5	W107DIP-7	.275	12	1200	9.0	120	4.33	3.83	3.62	3.42
*528-107-8	B5	W107DIP-8	.275	24	2200	18.0	260	4.86	4.31	4.08	3.84

Class 171

Features:

*With clamping diode

- Contact rating max.: 10VA res. (load)
- Switching current max: 0.5A
- Contact resistance: 200mΩ

1 FORM A SPST - N.O.											
528-171-2	B6	W171DIP-2	.275	5	500	3.8	50	3.94	3.50	3.31	3.12
528-171-4	B6	W171DIP-4	.275	12	1200	9.0	120	3.94	3.50	3.31	3.12
528-171-5	B6	W171DIP-5	.275	24	2200	18.0	260	4.32	3.83	3.62	3.42
*528-171-7	B7	W171DIP-7	.275	5	500	3.8	50	4.32	3.83	3.62	3.42
*528-171-9	B7	W171DIP-9	.275	12	1200	9.0	120	4.32	3.83	3.62	3.42
*528-171-10	B7	W171DIP-10	.275	24	2200	18.0	260	5.53	4.88	4.62	4.36
1 FORM B SPST - N.C.											
528-171-12	B8	W171DIP-12	.275	5	500	3.8	50	6.09	5.40	5.11	4.82
528-171-14	B8	W171DIP-14	.275	12	1200	9.0	120	6.09	5.40	5.11	4.82
528-171-15	B8	W171DIP-15	.275	24	2200	18.0	260	6.20	5.48	5.18	4.88
*528-171-17	B9	W171DIP-17	.275	5	500	3.8	50	6.20	5.48	5.18	4.88
*528-171-19	B9	W171DIP-19	.275	12	1200	9.0	120	6.20	5.48	5.18	4.88
*528-171-20	B9	W171DIP-20	.275	24	2200	18.0	260	6.69	5.90	5.58	5.26
2 FORM A DPST - N.O.											
528-171-21	B10	W171DIP-21	.275	5	200	3.8	125	5.80	5.12	4.85	4.57
528-171-23	B10	W171DIP-23	.275	12	500	9.0	290	5.80	5.12	4.85	4.57
528-171-24	B10	W171DIP-24	.275	24	2200	18.0	270	6.20	5.48	5.18	4.88
*528-171-25	B11	W171DIP-25	.275	5	200	3.8	125	6.20	5.48	5.18	4.88
*528-171-27	B11	W171DIP-27	.275	12	500	9.0	290	6.20	5.48	5.18	4.88
*528-171-28	B11	W171DIP-28	.275	24	2200	18.0	270	6.69	5.90	5.58	5.26

Class 172

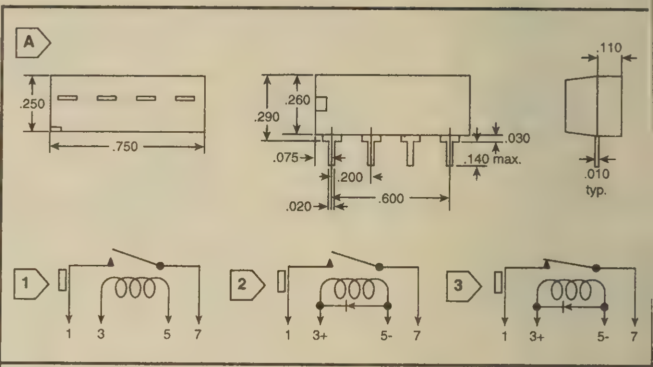
Features:

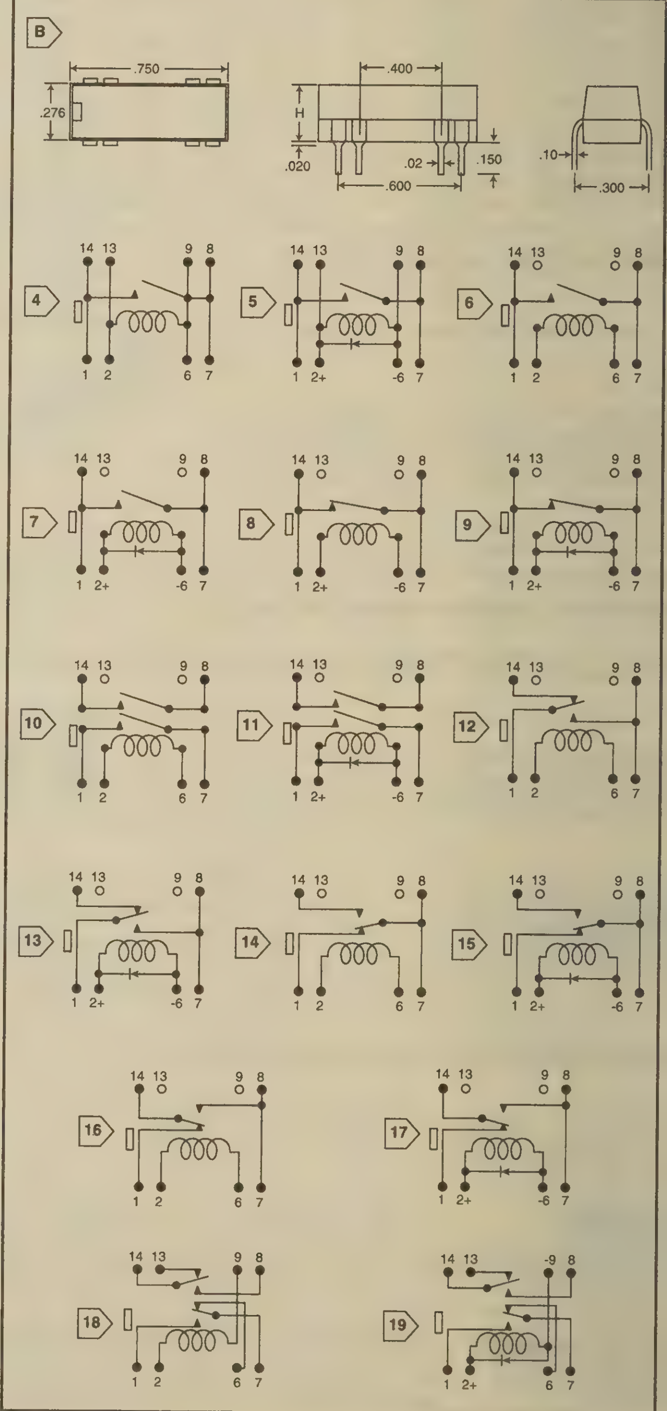
*With clamping diode

- Contact rating max.: 1 FORM C - 4VA
  2 FORM C - 3VA
- Switching current max: DPDT: .1A ; SPDT: .25A @ 100VDC
- Contact resistance: 200mΩ

1 FORM C SPDT											
528-172-1	B12	W172DIP-1	.275	5	200	3.8	125	7.79	6.79	6.42	6.06
528-172-3	B12	W172DIP-3	.275	12	500	9.0	290	8.94	7.79	7.37	6.95
528-172-4	B12	W172DIP-4	.275	24	2200	18.0	270	8.94	7.79	7.37	6.95
*528-172-5	B13	W172DIP-5	.275	5	200	3.8	125	8.07	7.05	6.67	6.29
*528-172-7	B13	W172DIP-7	.275	12	500	9.0	290	8.94	7.79	7.37	6.95
*528-172-8	B13	W172DIP-8	.275	24	2200	18.0	270	9.40	8.20	7.75	7.31
528-172-141	B14	W172DIP-141	.275	5	200	3.8	125	7.13	6.33	5.99	5.64
528-172-145	B14	W172DIP-145	.275	12	1000	9.0	144	7.87	6.97	6.60	6.22
528-172-146	B14	W172DIP-146	.275	24	2200	18.0	180	7.49	6.64	6.28	5.92
*528-172-147	B15	W172DIP-147	.275	5	200	3.8	125	7.49	6.64	6.28	5.92
*528-172-149	B15	W172DIP-149	.275	12	1000	9.0	144	7.49	6.64	6.28	5.92
*528-172-150	B15	W172DIP-150	.275	24	2200	18.0	180	9.51	8.44	7.98	7.52
528-172-31	B16	W172DIP-31	.275	5	200	3.8	125	8.23	7.18	6.79	6.40
528-172-33	B16	W172DIP-33	.275	12	500	9.0	290	8.37	7.31	6.91	6.52
528-172-34	B16	W172DIP-34	.275	24	2200	18.0	270	8.53	7.44	7.04	6.63
*528-172-35	B17	W172DIP-35	.275	5	200	3.8	125	9.01	7.86	7.44	7.01
*528-172-37	B17	W172DIP-37	.275	12	500	9.0	290	9.01	7.86	7.44	7.01
*528-172-38	B17	W172DIP-38	.275	24	2200	18.0	270	9.36	8.16	7.72	7.28
2 FORM C DPDT											
528-172-17	B18	W172DIP-17	.340	5	46	3.8	540	27.14	23.64	22.37	21.09
528-172-19	B18	W172DIP-19	.340	12	266	9.0	540	27.14	23.64	22.37	21.09
528-172-20	B18	W172DIP-20	.340	24	1066	18.0	540	27.14	23.64	22.37	21.09
*528-172-21	B19	W172DIP-21	.340	5	46	3.8	540	30.34	26.44	25.01	23.58
*528-172-23	B19	W172DIP-23	.340	12	266	9.0	540	30.34	26.44	25.01	23.58
*528-172-24	B19	W172DIP-24	.340	24	1066	18.0	540	30.34	26.44	25.01	23.58

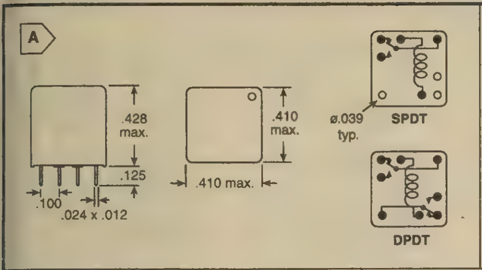
DIMENSIONS (IN.





Magnecraft & Struthers-Dunn

General Purpose and Printed Circuit Board Relays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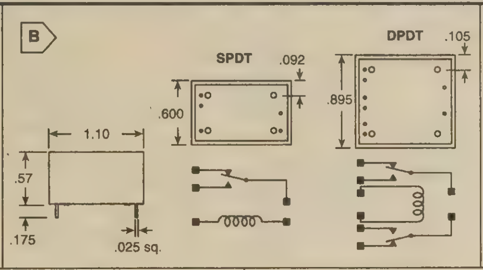
DPDT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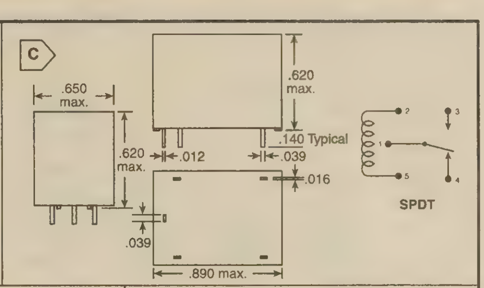
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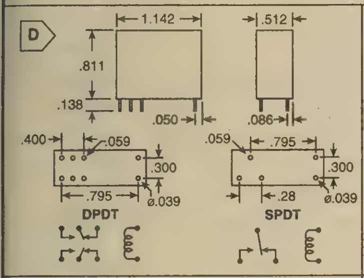
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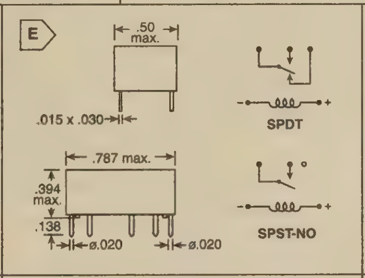
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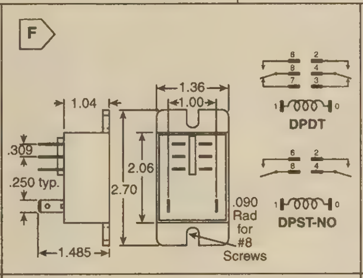
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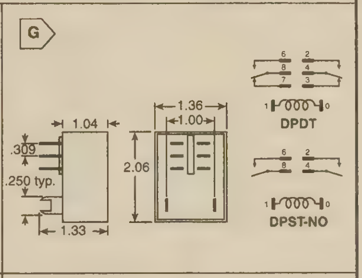
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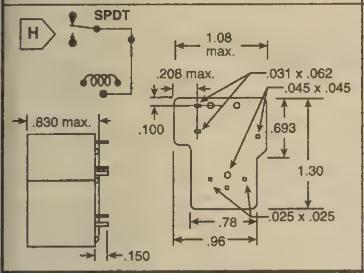
DPST-NO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SPDT
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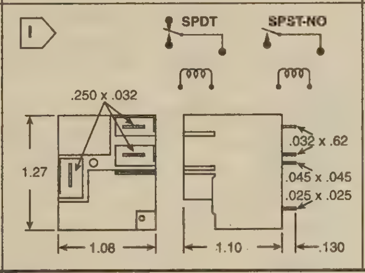
.208 max.
.031 x .062
.045 x .045
.830 max.
.100
.693
1.30
.78
.96
.025 x .025
.150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SPDT
SPST-NO
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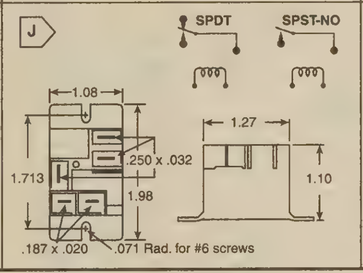
.032 x .62
.045 x .045
.025 x .025
1.08
1.10
.130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SPDT
SPST-NO
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1.27
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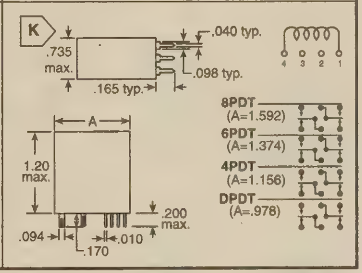
1.713
1.98
1.10
.187 x .020
.071 Rad. for #6 screws


K
.735 max.
.040 typ.
.098 typ.
.165 typ.
A
1.20 max.
8PDT (A=1.592)
6PDT (A=1.374)
4PDT (A=1.156)
DPDT (A=.978)
.200 max.
.094
.010
.170

CLASS 7: SUBMINIATURE PC MOUNT

E52197

- Contact resistance: 100mΩ max.
- Contact material: gold clad silver palladium

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config.	Rat.	Volts	Ohms	1	10	25	50
528-720-1	A	W7PCX-1	SPDT	2A	5	75	5.57	5.16	4.88	4.60
528-720-3	A	W7PCX-3	SPDT	2A	12	440	5.57	5.16	4.88	4.60
528-720-4	A	W7PCX-4	SPDT	2A	24	1550	5.57	5.16	4.88	4.60
528-720-5	A	W7PCX-5	DPDT	2A	5	75	7.36	6.81	6.44	6.07
528-720-7	A	W7PCX-7	DPDT	2A	12	440	7.36	6.81	6.44	6.07
528-720-8	A	W7PCX-8	DPDT	2A	24	1550	7.36	6.81	6.44	6.07

CLASS 60: MINIATURE PC BOARD MOUNT

E52197

- Contact resistance: 100mΩ max.
- Contact material: gold clad silver palladium

528-6001-5	B	W60HE1S-5DC	SPDT	2A	5	75	16.66	15.41	14.58	13.74
528-6001-12	B	W60HE1S-12DC	SPDT	2A	12	440	16.66	15.41	14.58	13.74
528-6001-24	B	W60HE1S-24DC	SPDT	2A	24	1550	16.66	15.41	14.58	13.74
528-6001-48	B	W60HE1S-48DC	SPDT	2A	48	5250	16.66	15.41	14.58	13.74
528-6002-5	B	W60HE2S-5DC	DPDT	2A	5	75	19.46	18.00	17.03	16.05
528-6002-12	B	W60HE2S-12DC	DPDT	2A	12	440	19.46	18.00	17.03	16.05
528-6002-24	B	W60HE2S-24DC	DPDT	2A	24	1550	19.46	18.00	17.03	16.05
528-6002-48	B	W60HE2S-48DC	DPDT	2A	48	5250	19.46	18.00	17.03	16.05

CLASS 178: PC MOUNTABLE

E164066

- Contact resistance: 100mΩ @ 5VDC, 1A
- Contact material: silver cadmium oxide

528-17827-5	C	W178RE1-5DC	SPDT	5A	5	70	1.54	1.44	1.37	1.29
528-17827-12	C	W178RE1-12DC	SPDT	5A	12	400	1.54	1.44	1.37	1.29
528-17827-24	C	W178RE1-24DC	SPDT	5A	24	1600	1.54	1.44	1.37	1.29
528-17829-5	C	W178URE1-5DC	SPDT	10A	5	70	1.74	1.61	1.52	1.44
528-17829-12	C	W178URE1-12DC	SPDT	10A	12	400	1.74	1.61	1.52	1.44
528-17829-24	C	W178URE1-24DC	SPDT	10A	24	1600	1.74	1.61	1.52	1.44

CLASS 76: MINIATURE EPOXY SEALED

E13224

- Contact resistance: 100mΩ max.
- Contact material: silver cadmium oxide

528-7660-14	D	W76EURCPCX-14	SPDT	10A	5	47	2.54	2.35	2.22	2.10
528-7660-15	D	W76EURCPCX-15	SPDT	10A	6	68	2.54	2.35	2.22	2.10
528-7660-16	D	W76EURCPCX-16	SPDT	10A	12	275	2.54	2.35	2.22	2.10
528-7660-17	D	W76EURCPCX-17	SPDT	10A	24	1100	2.68	2.48	2.35	2.21
528-7660-61	D	W76EURCPCX-61	DPDT	5A	5	47	2.66	2.46	2.33	2.19
528-7660-62	D	W76EURCPCX-62	DPDT	5A	6	68	2.66	2.46	2.33	2.19
528-7660-63	D	W76EURCPCX-63	DPDT	5A	12	275	2.66	2.46	2.33	2.19
528-7660-64	D	W76EURCPCX-64	DPDT	5A	24	1100	2.77	2.57	2.43	2.29

CLASS 276: MINIATURE, PC MOUNTABLE

- Contact resistance: 100mΩ max.
- Contact material: silver alloy

528-2761-5	E	276XAXH-5D	SPDT	7A	5	125	5.40	5.00	4.73	4.46
528-2761-12	E	276XAXH-12D	SPDT	7A	12	720	5.40	5.00	4.73	4.46
528-2761-24	E	276XAXH-24D	SPDT	7A	24	2880	5.94	5.49	5.20	4.90
528-2762-5	E	276AXXH-5D	SPST-NO	10A	5	125	5.12	4.74	4.48	4.22
528-2762-12	E	276AXXH-12D	SPST-NO	10A	12	720	5.12	4.74	4.48	4.22
528-2762-24	E	276AXXH-24D	SPST-NO	10A	24	2880	5.64	5.22	4.94	4.65

CLASS 92: 2 POLE

E43641

- Contact resis.: 100mΩ
- Contact material: silver cadmium oxide

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config.	Rat.	Volts	Ohms	1	10	25	50
AC Operated										
528-92S7A22-24	F	W92S7A22-24	DPST-NO	30A	24	- - -	9.04	8.38	7.93	7.47
528-92722-120	F	W92S7A22-120	DPST-NO	30A	120	- - -	10.09	9.32	8.82	8.32
528-92S11A22-24	F	W92S11A22-24	DPDT	30A	24	- - -	9.97	9.23	8.73	8.23
528-921122-120	F	W92S11A22-120	DPDT	30A	120	- - -	10.73	9.93	9.40	8.86
DC Operated										
528-92712-12	G	W92S7D12-12	DPST-NO	30A	12	86	7.87	7.29	6.90	6.50
528-92712-24	G	W92S7D12-24	DPST-NO	30A	24	350	7.87	7.29	6.90	6.50
528-921112-12	G	W92S11D12-12	DPDT	30A	12	86	9.24	8.55	8.09	7.62
528-921112-24	G	W92S11D12-24	DPDT	30A	24	350	9.24	8.55	8.09	7.62
528-921112-48	G	W92S11D12-48	DPDT	30A	48	1390	9.83	9.10	8.61	8.12
528-92722-12	F	W92S7D22-12	DPST-NO	30A	12	86	7.87	7.29	6.90	6.50
528-92722-24	F	W92S7D22-24	DPST-NO	30A	24	350	7.87	7.29	6.90	6.50
528-921122-12	F	W92S11D22-12	DPDT	30A	12	86	9.24	8.55	8.09	7.62
528-921122-24	F	W92S11D22-24	DPDT	30A	24	350	9.24	8.55	8.09	7.62

CLASS 90: MINIATURE PC BOARD RELAY

E13224

- Contact resistance: 50mΩ max.
- Contact material: silver cadmium oxide

528-9085-05	H	W90S5D12-5	SPDT	20A	5	27	2.36	2.18	2.07	1.95
528-9085-12	H	W90S5D12-12	SPDT	20A	12	155	2.36	2.18	2.07	1.95
528-9085-24	H	W90S5D12-24	SPDT	20A	24	660	2.36	2.18	2.07	1.95

CLASS 9A: MINIATURE, PC OR FLANGE MOUNT

E43641

- Contact resistance: 75mΩ max.
- Contact material: silver cadmium oxide

PC Mount										
528-9122-5	I	W9AS1D22-5	SPST-NO	30A	5	25	3.09	2.85	2.70	2.54
528-9122-12	I	W9AS1D22-12	SPST-NO	30A	12	144	3.09	2.85	2.70	2.54
528-9122-24	I	W9AS1D22-24	SPST-NO	30A	24	576	3.09	2.85	2.70	2.54
528-9522-5	I	W9AS5D22-5	SPDT	30A	5	25	3.37	3.11	2.94	2.77
528-9522-12	I	W9AS5D22-12	SPDT	30A	12	144	3.37	3.11	2.94	2.77
Flange Mount										
528-9152-5	J	W9AS1D52-5	SPST-NO	30A	5	25	3.09	2.84	2.62	2.39
528-9152-12	J	W9AS1D52-12	SPST-NO	30A	12	144	3.09	2.84	2.62	2.39
528-9152-24	J	W9AS1D52-24	SPST-NO	30A	24	576	3.37	3.11	2.94	2.77
528-9552-5	J	W9AS5D52-5	SPDT	30A	5	25	3.37	3.10	2.86	2.60
528-9552-12	J	W9AS5D52-12	SPDT	30A	12	144	3.37	3.10	2.86	2.60

CLASS 67: MINIATURE INDUSTRIAL

E52197

- Cont. resis.: 1A = 50mΩ max.
- Cont. mat.: silver-gold overlay
- DC Operated

528-6710-1	K	W67RCSX-1	DPDT	5A	5	52	10.64	9.36	8.86	8.35
528-6710-2	K	W67RCSX-2	DPDT	5A	12	185	10.64	9.36	8.86	8.35
528-6710-3	K	W67RCSX-3	DPDT	5A	24	700	11.90	10.47	9.91	9.34
528-6710-6	K	W67RCSX-6	4PDT	5A	5	52	12.00	10.55	9.98	9.41
528-6710-7	K	W67RCSX-7	4PDT	5A	12	182	12.00	10.55	9.98	9.41
528-6710-8	K	W67RCSX-8	4PDT	5A	24	700	13.74	12.08	11.43	10.77
528-6710-12	K	W67RCSX-12	6PDT	5A	12	90	17.59	15.45	14.61	13.78
528-6710-13	K	W67RCSX-13	6PDT	5A	24	430	19.07	16.74	15.84	14.93
528-6710-17	K	W67RCSX-17	8PDT	5A	12	72	38.50	33.82	31.99	30.16
528-6710-18	K	W67RCSX-18	8PDT	5A	24	350	38.50	33.82	31.99	30.16

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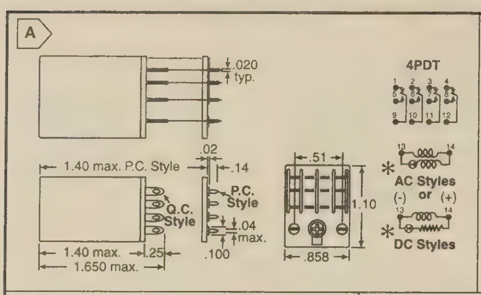

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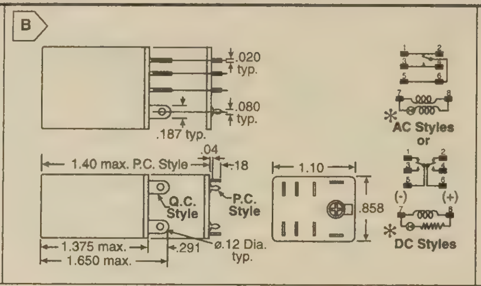

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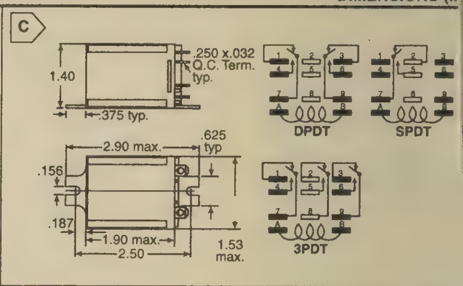

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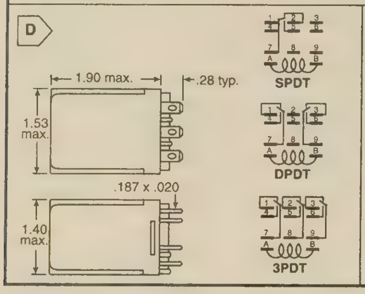

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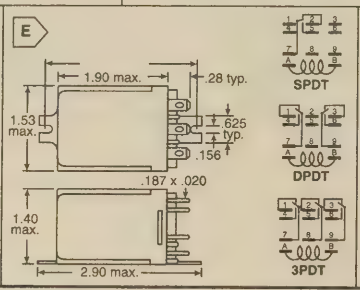

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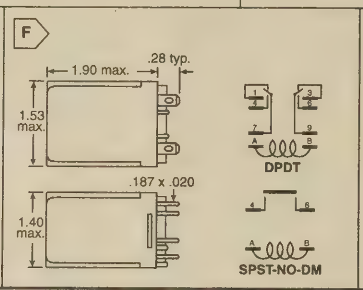

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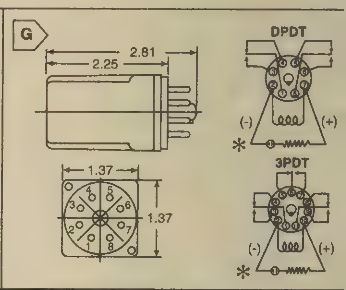


CLASS 78: GENERAL PURPOSE

- Contact resistance: 1A = 50mΩ max.; 3A, 10A, 15A = 100mΩ max.

E52197

Enclosed Solder Plug-in

* With indicator lamp

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config.	Rat.	Volts	Ohms	1	10	25	50
AC Operated										
528-7815-2	A	W78ATCSX-2	4PDT	1A	12	46	6.74	6.23	5.90	5.56
528-7815-3	A	W78ATCSX-3	4PDT	1A	24	180	6.74	6.23	5.90	5.56
528-7815-5	A	W78ATCSX-5	4PDT	1A	120	4430	6.74	6.23	5.90	5.56
528-7815-6	A	W78ATCSX-6	4PDT	1A	240	15,700	7.91	7.33	6.93	6.53
528-7840-3	A	W78ACSX-3	4PDT	3A	24	180	5.90	5.46	5.16	4.87
528-7840-5	A	W78ACSX-5	4PDT	3A	120	4430	5.90	5.46	5.16	4.87
528-7840-6	A	W78ACSX-6	4PDT	3A	240	15,700	7.19	6.66	6.30	5.94
* 528-7885-25	A	W78ANCSX-25	4PDT	3A	120	4430	7.19	6.66	6.30	5.94
* 528-7860-4	A	W78ANTCSX-4	4PDT	1A	24	180	7.91	7.33	6.93	6.53
* 528-7860-5	A	W78ANTCSX-5	4PDT	1A	120	4430	7.91	7.33	6.93	6.53
* 528-7860-7	A	W78ANTCSX-7	4PDT	1A	240	15,700	9.21	8.53	8.07	7.61
528-7870-9	B	W78ARCSX-9	DPDT	10A	24	180	5.90	5.46	5.16	4.87
528-7870-11	B	W78ARCSX-11	DPDT	10A	120	4430	5.90	5.46	5.16	4.87
528-7870-12	B	W78ARCSX-12	DPDT	10A	240	15,700	7.19	6.66	6.30	5.94
* 528-7885-6	B	W78ARNCSX-6	DPDT	10A	24	180	7.19	6.66	6.30	5.94
* 528-7885-5	B	W78ARNCSX-5	DPDT	10A	120	4430	7.19	6.66	6.30	5.94
* 528-7885-8	B	W78ARNCSX-8	SPDT	15A	24	180	6.91	6.40	6.06	5.71
* 528-7885-9	B	W78ARNCSX-9	SPDT	15A	120	4430	6.91	6.40	6.06	5.71
DC Operated										
528-7810-1	A	W78CSX-1	4PDT	3A	6	40	5.49	5.07	4.80	4.52
528-7810-2	A	W78CSX-2	4PDT	3A	12	160	5.49	5.07	4.80	4.52
528-7810-3	A	W78CSX-3	4PDT	3A	24	650	5.49	5.07	4.80	4.52
528-7895-13	A	W78KCSX-13	4PDT	5A	24	650	5.49	5.07	4.80	4.52
* 528-7810-23	A	W78NCSX-23	4PDT	3A	24	650	6.74	6.23	5.90	5.56
* 528-7850-6	B	W78RNCSX-6	DPDT	10A	24	650	6.74	6.23	5.90	5.56
528-7880-6	B	W78RCSX-6	DPDT	10A	6	40	5.49	5.07	4.80	4.52
528-7880-7	B	W78RCSX-7	DPDT	10A	12	160	5.49	5.07	4.80	4.52
528-7880-8	B	W78RCSX-8	DPDT	10A	24	650	5.49	5.07	4.80	4.52
528-7880-97	B	W78RCSX-97	SPDT	15A	12	160	5.29	4.90	4.64	4.37
* 528-7850-10	B	W78RNCSX-10	SPDT	15A	24	650	6.56	6.05	5.72	5.40

Enclosed PC Mount

AC Operated										
528-7825-3	A	W78APCX-3	4PDT	3A	24	180	5.90	5.46	5.16	4.87
528-7825-5	A	W78APCX-5	4PDT	3A	120	4430	5.90	5.46	5.16	4.87
528-7850-5	B	W78ARPCX-5	DPDT	10A	120	4430	5.90	5.46	5.16	4.87
528-7835-6	B	W78ARPCX-6	DPDT	10A	240	15,700	7.19	6.66	6.30	5.94
DC Operated										
528-7820-2	A	W78PCX-2	4PDT	3A	12	160	5.49	5.07	4.80	4.52
528-7820-3	A	W78PCX-3	4PDT	3A	24	650	5.49	5.07	4.80	4.52
528-7830-79	B	W78RPCX-79	SPDT	15A	12	160	5.29	4.90	4.64	4.37
528-7830-1	A	W78RPCX-1	DPDT	10A	6	40	5.49	5.07	4.80	4.52
528-7830-2	A	W78RPCX-2	DPDT	10A	12	160	5.49	5.07	4.80	4.52
528-7830-3	A	W78RPCX-3	DPDT	10A	24	650	5.49	5.07	4.80	4.52

CLASS 389: SQUARE BASE, FLANGE MOUNT

- Contact material: silver cadmium oxide gold flash
- Contact resistance: 50mΩ max.

E43641

AC Operated										
528-3897-8	C	W389ACX-8	DPDT	25A	24	- - -	12.70	11.77	11.13	10.49
528-3897-9	C	W389ACX-9	DPDT	25A	120	- - -	12.70	11.77	11.13	10.49
528-3897-10	C	W389ACX-10	DPDT	25A	240	- - -	13.46	12.45	11.78	11.10
528-3897-14	C	W389ACX-14	3PDT	20A	120	- - -	14.56	13.47	12.74	12.01
528-3897-15	C	W389ACX-15	3PDT	20A	240	- - -	15.34	14.19	13.42	12.66
DC Operated										
528-3898-2	C	W389CX-2	SPDT	25A	12	100	11.65	10.77	10.19	9.60
528-3898-3	C	W389CX-3	SPDT	25A	24	400	11.65	10.77	10.19	9.60
528-3898-7	C	W389CX-7	DPDT	25A	12	100	12.70	11.77	11.13	10.49
528-3898-8	C	W389CX-8	DPDT	25A	24	400	12.70	11.77	11.13	10.49
528-3898-12	C	W389CX-12	3PDT	20A	12	100	14.56	13.47	12.74	12.01
528-3898-13	C	W389CX-13	3PDT	20A	24	400	14.56	13.47	12.74	12.01

CLASS 388, 388B, A283: SQUARE BASE

- Contact resistance: 50mΩ max.

E43641

Enclosed Solder Plug-in

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config.	Rat.	Volts	Ohms	1	10	25	50
AC Operated										
528-38825-4	D	W388ACPX-4	SPDT	13A	120	- -	8.86	8.18	7.74	7.29
528-38825-9	D	W388ACPX-9	DPDT	13A	120	- -	9.39	8.68	8.21	7.74
528-38825-13	D	W388ACPX-13	3PDT	13A	24	- -	11.40	10.55	9.98	9.41
528-38825-14	D	W388ACPX-14	3PDT	13A	120	- -	11.40	10.55	9.98	9.41
DC Operated										
528-38815-3	D	W388CPX-3	SPDT	13A	24	472	8.86	8.18	7.74	7.29
528-38815-6	D	W388CPX-6	DPDT	13A	12	120	9.39	8.68	8.21	7.74
528-38815-7	D	W388CPX-7	DPDT	13A	24	470	9.39	8.68	8.21	7.74
528-38815-10	D	W388CPX-10	3PDT	13A	12	120	11.40	10.55	9.98	9.41
528-38815-11	D	W388CPX-11	3PDT	13A	24	470	11.40	10.55	9.98	9.41

Flange Mount

AC Operated										
528-38835-4	E	W388ACQX-4	SPDT	13A	120	- -	8.84	8.16	7.72	7.28
528-38835-9	E	W388ACQX-9	DPDT	13A	120	- -	9.39	8.68	8.21	7.74
528-38835-14	E	W388ACQX-14	3PDT	13A	120	- -	11.40	10.55	9.98	9.41
DC Operated										
528-38836-2	E	W388CQX-2	SPDT	13A	12	120	8.86	8.18	7.74	7.29
528-38836-3	E	W388CQX-3	SPDT	13A	24	472	8.86	8.18	7.74	7.29
528-38836-6	E	W388CQX-6	DPDT	13A	12	120	9.39	8.68	8.21	7.74
528-38836-7	E	W388CQX-7	DPDT	13A	24	472	9.39	8.68	8.21	7.74
528-38836-11	E	W388CQX-11	3PDT	13A	24	472	11.40	10.55	9.98	9.41

Magnetic Blowout

AC Operated										
528-38830-5	F	W388ABCPX-5	DPDT	3A	120	- -	11.26	10.42	9.85	9.29
528-38831-5	F	W388ADBCPX-5	SPST-NO	10A	120	- -	11.26	10.42	9.85	9.29
DC Operated										
528-38816-2	F	W388BCPX-2	DPDT	3A	12	120	11.26	10.42	9.85	9.29
528-38816-3	F	W388BCPX-3	DPDT	3A	24	472	11.26	10.42	9.85	9.29
528-38816-5	F	W388BCPX-5	DPDT	3A	110	10,000	12.43	11.51	10.89	10.26
528-38817-2	F	W388DBCPX-25	SPST-NO	10A	12	120	11.26	10.42	9.85	9.29
528-38817-3	F	W388DBCPX-3	SPST-NO	10A	24	472	11.26	10.42	9.85	9.29
528-38817-5	F	W388DBCPX-5	SPST-NO	10A	110	10,000	12.43	11.51	10.89	10.26

CLASS 250: OCTAL STYLE GENERAL PURPOSE

- Contact resistance: 50mΩ max.
- Plug-In with see thru dust cover

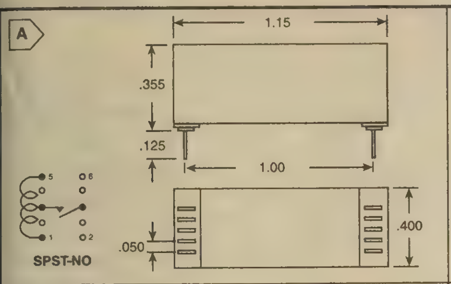
E43641

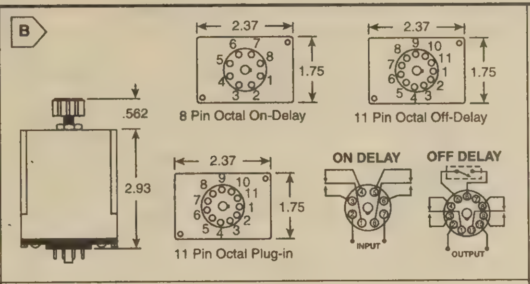
† 240VAC @ 60Hz, 220VAC @ 50Hz

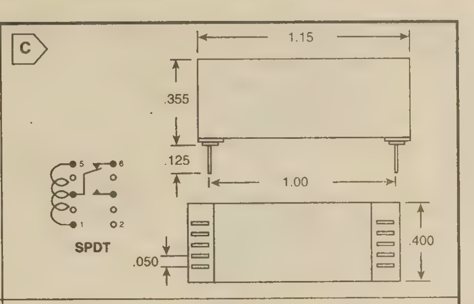
* With indicator lamp

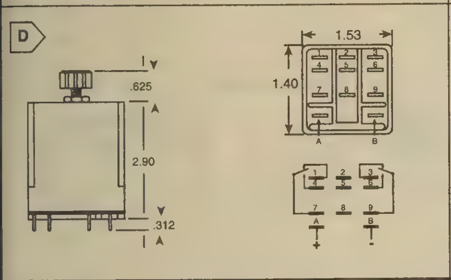
MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config.	Rat.	Volts	Ohms	1	10	25	50
AC Operated										
528-2503-8	G	W250ACPX-8	DPDT	10A	24	- -	8.49	7.84	7.42	7.00
528-2503-9	G	W250ACPX-9	DPDT	10A	120	- -	8.49	7.84	7.42	7.00
528-2503-13	G	W250ACPX-13	3PDT	10A	24	- -	10.33	9.56	9.05	8.53
528-2503-14	G	W250ACPX-14	3PDT	10A	120	- -	10.33	9.56	9.05	8.53
† 528-2503-15	G	W250ACPX-15	3PDT	10A	240	- -	11.00	10.18	9.63	9.08
* 528-2504-27	G	W250ANCPX-27	DPDT	10A	120	- -	9.77	9.05	8.56	8.07
* 528-2504-30	G	W250ANCPX-30	3PDT	10A	120	- -	11.56	10.69	10.12	9.54
DC Operated										
528-2506-6	G	W250CPX-6	DPDT	10A	12	120	8.49	7.84	7.42	7.00
528-2506-7	G	W250CPX-7	DPDT	10A	24	470	8.49	7.84	7.42	7.00
528-2506-10	G	W250CPX-10	3PDT	10A	12	120	10.33	9.56	9.05	8.53
528-2506-11	G	W250CPX-11	3PDT	10A	24	470	10.33	9.56	9.05	8.53

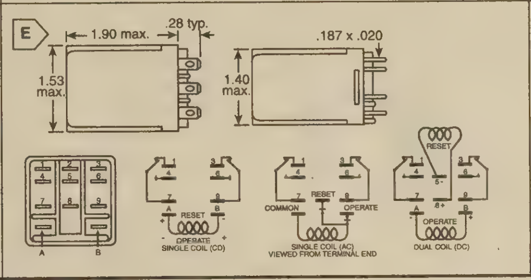
Reed, Time Delay, and Mercury Relays and Sockets

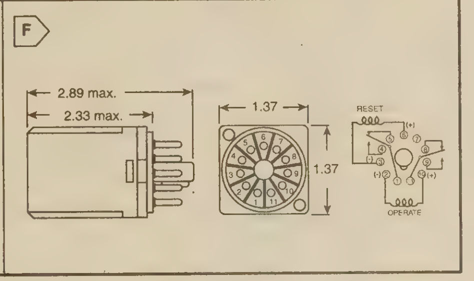












CLASS 101: DRY MINIATURE REED RELAY

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config	Rat.	Volts	Ohms	1	10	25	50
528-1010-2	A	W101MPCX-2	SPST-NO	2A	12	1400	14.11	13.70	13.29	12.12

CLASS 211: PROGRAMMABLE TIME DELAY

E43641

- Contact rating: 10 amp
- DPDT

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Nominal Input	Timing Range	Price Each			
					1	10	25	50
On Delay								
528-211SOX-18	B	W211ACPSOX-18	120VAC	0.1 - 1.0 sec.	47.05	42.46	40.16	37.87
528-211SOX-5	B	W211ACPSOX-5	120VAC	0.1 - 10 sec.	47.05	42.46	40.16	37.87
528-211SOX-7	B	W211ACPSOX-7	120VAC	1.0 - 180 sec.	47.05	42.46	40.16	37.87
528-211SOX-8	B	W211ACPSOX-8	120VAC	2.0 - 300 sec.	47.05	42.46	40.16	37.87
528-211SOX-60	B	W211ACPSOX-60	120VAC	1.0 - 15 min.	47.10	42.51	40.22	37.92
528-211SOX-61	B	W211ACPSOX-61	120VAC	2.0 - 30 min.	47.10	42.51	40.22	37.92
528-211SOX-62	B	W211ACPSOX-62	120VAC	4.0 - 60 min.	47.10	42.51	40.22	37.92
528-211SOX-63	B	W211ACPSOX-63	120VAC	8.0 - 120 min.	47.10	42.51	40.22	37.92
528-211SOX-1	B	W211CPSOX-1	24VDC	0.1 - 10 sec.	46.29	41.77	39.52	37.26
528-211SOX-3	B	W211CPSOX-3	24VDC	1.0 - 180 sec.	46.29	41.77	39.52	37.26
Off Delay								
528-211SRX-5	B	W211ACPSRX-5	120VAC	0.1 - 10 sec.	52.11	44.22	41.83	39.44
528-211SRX-7	B	W211ACPSRX-7	120VAC	1.0 - 180 sec.	52.11	44.22	41.83	39.44
528-211SRX-8	B	W211ACPSRX-8	120VAC	2.0 - 300 sec.	52.11	44.22	41.83	39.44
528-211SRX-60	B	W211ACPSRX-60	120VAC	1.0 - 15 min.	52.11	44.22	41.83	39.44
528-211SRX-1	B	W211CPSRX-1	24VDC	0.1 - 10 sec.	46.29	41.77	39.52	37.26
528-211SRX-3	B	W211CPSRX-3	24VDC	1.0 - 180 sec.	46.29	41.77	39.52	37.26

On Delay, Off Delay, One Shot and Off Delay

E43641

- Contact rating: 10 amp
- DPDT
- 120VAC, 50/60Hz, 24VAC/VDC on Pin 7

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Timing Range	Price Each
528-211PROG-1	B	W211PROGX-1	62 programmable timing ranges	77.64

CLASS 134: MERCURY

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config	Rat.	Volts	Ohms	1	10	25	50
528-1340-1	C	W134MPCX-1	SPDT	2A	5	60	38.97	36.06	34.11	32.16
528-1340-2	C	W134MPCX-2	SPDT	2A	12	330	38.97	36.06	34.11	32.16

CLASS 388: ADJUSTABLE TIME DELAY

E43641

- Contact rating: 12 amp
- On delay - long body

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Timing Range	Price Each			
				1	10	25	50
528-38840-42	D	W388ACPSOX-42	.01 - 10 seconds	64.05	60.59	59.53	57.12
528-38840-44	D	W388ACPSOX-44	1.0 - 180 seconds	64.05	60.59	59.53	57.12

CLASS 388ML: MAGNETIC LATCH RELAY

c US E43641

- Contact rating: 10 amp
- Contact material: silver cadmium oxide, gold flashed

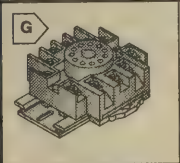
MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Coil			Price Each			
			Config.	Volts	Ohms	1	10	25	50
AC Operated									
528-38830-9	E	W388AMLCPX-9	Single	120	10,000	22.51	18.28	17.29	16.30
DC Operated									
528-38820-6	E	W388MLCPX-6	Single	12	120	22.51	18.28	17.29	16.30
528-38820-7	E	W388MLCPX-7	Single	24	470	22.51	18.28	17.29	16.30
528-388220-6	E	W388ML2CPX-6	Dual	12	88/88	22.51	18.28	17.29	16.30
528-388220-7	E	W388ML2CPX-7	Dual	24	350/350	22.51	18.28	17.29	16.30

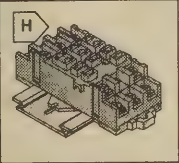
CLASS 250ML: MAGNETIC LATCH RELAY

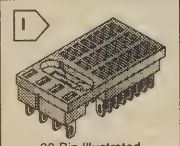
Pending

- Contact rating: 10 amp
- Contact material: silver cadmium oxide, gold flashed

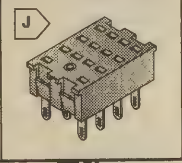
MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Coil		Price Each			
			Volts	Ohms	1	10	25	50
DC Operated								
528-2507-7	F	W250ML2CPX-7	12	88/88	16.57	15.34	14.51	13.68
AC Operated								
528-2505-8	F	W250AML2CPX-8	24	52/52	16.19	14.97	14.16	13.35
528-2505-9	F	W250AML2CPX-9	120	1200/1200	16.19	14.97	14.16	13.35

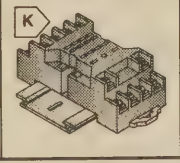


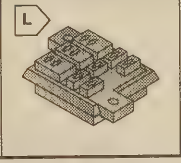


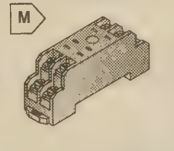


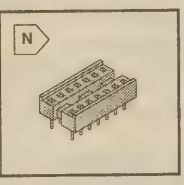
28 Pin Illustrated











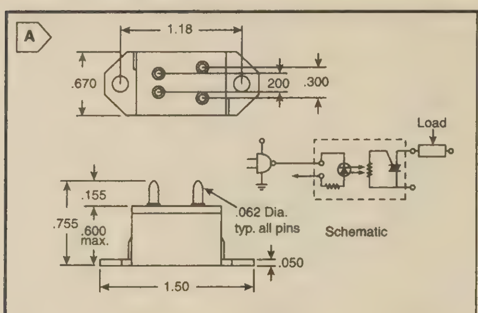
SOCKETS

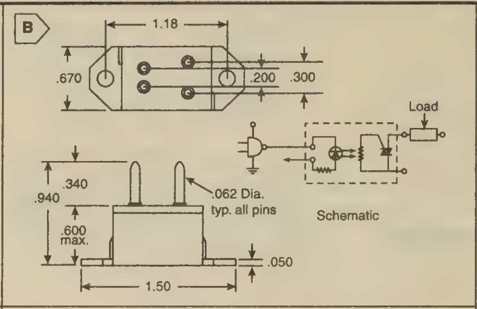
* c US E70550

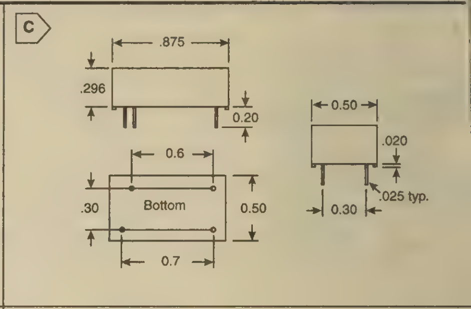
For quantities greater than listed, call for quote.

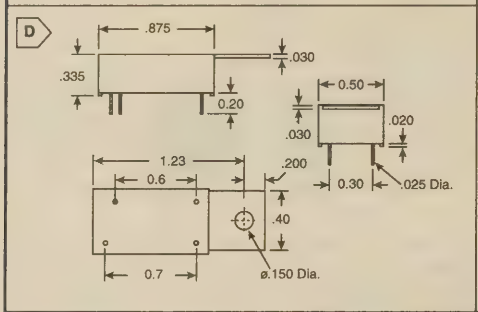
MOUSER STOCK NO.	Fig.	Description	For Use With Relay	Price Each			
				1	10	25	50
* 528-464	G	Screw terminal, 8 pin	all standard octal	2.33	2.15	2.03	1.91
* 528-465	G	Screw terminal, 11 pin	all standard octal	3.50	3.24	3.06	2.89
* 528-4631	H	Screw terminal, 1-3 pole	all square base	4.34	4.01	3.80	3.58
528-303	I	Solder terminal, 2 pole	67	3.23	2.50	2.36	2.23
528-304	I	PC terminal, 2 pole	67	3.23	2.50	2.36	2.23
528-305	I	Solder terminal, 4 pole	67	4.42	3.40	3.22	3.04
528-306	I	PC terminal, 4 pole	67	4.42	3.40	3.22	3.04
528-307	I	Solder terminal, 6 pole	67	4.33	3.29	3.12	2.94
528-308	I	PC terminal, 6 pole	67	5.14	3.96	3.75	3.53
528-309	I	Solder terminal, 8 pole	67	7.07	5.29	5.01	4.72
528-310	I	PC terminal, 8 pole	67	7.07	5.29	5.01	4.72
528-3781	J	Solder terminal, 4 pole	78	1.09	.87	.82	.78
* 528-3791	J	PC terminal, 4 pole	78	1.09	.87	.82	.78
* 528-401	J	Solder terminal, 1 or 2 pole	78	1.13	.91	.86	.81
* 528-402	J	PC terminal, 1 or 2 pole	78	1.13	.91	.86	.81
* 528-461	K	Screw terminal, 4 pole	78	4.54	4.20	3.97	3.75
* 528-459	K	Screw terminal, 1 or 2 pole	78	4.93	4.80	4.67	4.41
* 528-1241	L	Solder terminal, 1-3 pole	all square base	1.20	.98	.93	.87
* 528-1242	L	3/16 QC terminal, 1-3 pole	all square base	1.20	.98	.93	.87
* 528-1781	L	PC terminal, 1-3 pole	all square base	1.20	.98	.93	.87
* 528-1782	L	PC terminal, 1-3 pole	all square base	1.20	.98	.93	.87
* 528-478	M	Screw terminal, 1 pole	76	8.37	7.81	7.39	6.96
528-475	M	Screw terminal, 2 pole	76	8.37	7.81	7.39	6.96
528-276	N	PC terminal, 14 pin	DIP	2.60	2.54	2.49	2.34

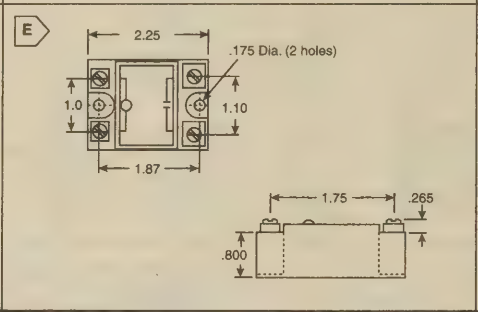
DIMENSIONS (IN

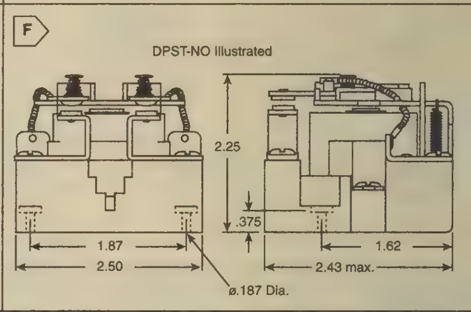












CLASS 226: MINIATURE SOLID STATE RELAYS

Features:
- Compatible with TTL gates
- Printed circuit and push-on terminal pin versions

Specifications:
- Contact arrangement: SPST-NO
- Load current range: 20mA to 7A
- Suggested heat sink: TO-3 mounting
- Dielectric strength: 2500VAC

E52197

Push On Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Input VDC	Line VRMS	Non-Rep. Peak Blocking	Price Each			
						1	10	25	50
528-226R75	A	W226R-7-5A1	5	120	400	17.34	15.17	14.35	13.53
528-226R85	A	W226R-8-5A1	5	240	700	21.62	19.37	18.32	17.28
528-226R712	A	W226R-7-12A1	12	120	400	17.34	15.17	14.35	13.53
528-226R812	A	W226R-8-12A1	12	240	700	21.62	19.37	18.32	17.28

PC Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Input VDC	Line VRMS	Non-Rep. Peak Blocking	Price Each			
						1	10	25	50
528-226RE75	B	W226RE-7-5A1	5	120	400	17.34	15.17	14.35	13.53
528-226RE85	B	W226RE-8-5A1	5	240	700	21.62	19.37	18.32	17.28
528-226RE712	B	W226RE-7-12A1	12	120	400	17.34	15.17	14.35	13.53
528-226RE812	B	W226RE-8-12A1	12	240	700	21.62	19.37	18.32	17.28

CLASS 230: MINIATURE PC SOLID STATE RELAYS

Specifications:
- Contact arrangement: SPST-NO
- Load current range: 20mA to 1.5A (230E)
  20mA to 3.0A (230T)
- Dielectric strength: 2500VAC

E52197

PC Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Input VDC	Line VRMS	Non-Rep. Peak Blocking	Price Each			
						1	10	25	50
528-230E15	C	W230E-1-5	5	120	400	23.83	22.24	20.12	18.53
528-230E25	C	W230E-2-5	5	240	500	26.30	24.55	22.21	20.46
528-230E112	C	W230E-1-12	12	120	400	23.83	22.24	20.12	18.53
528-230E212	C	W230E-2-12	12	240	500	33.35	31.12	28.16	25.94

PC Terminals With Heat Sink

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Input VDC	Line VRMS	Non-Rep. Peak Blocking	Price Each			
						1	10	25	50
528-230T35	D	W230T-3-5	5	120	400	26.30	24.55	22.21	20.46
528-230T45	D	W230T-4-5	5	240	500	28.64	26.73	24.19	22.28
528-230T312	D	W230T-3-12	12	120	400	26.30	24.55	22.21	20.46
528-230T412	D	W230T-4-12	12	240	500	34.90	32.57	29.47	27.14

CLASS 6: AC AND DC CONTROLLED SOLID STATE RELAYS

Features:
- High transient capability: single output features back to back SCR's an internal mounted RC (snubber) network for high dv/dt applications.
- Photo-isolated, zero switching: optically coupled for 4000 VAC isolation between input and output and RFI suppression.
- L.E.D. "ON": lamp

Specifications: • Minimum load current: 50mA • Dielectric strength: 4000VAC

E52197 E52197

AC Controlled

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Output VAC	Max. Amps (RMS)	Input VAC	Price Each			
						1	10	25	50
528-6110AS1	E	W6110ASX-1	24-120	10	90-280	22.89	21.16	20.02	18.88
528-6125AS1	E	W6125ASX-1	24-120	25	90-280	29.71	27.49	26.01	24.52
528-6140AS1	E	W6140ASX-1	24-120	40	90-280	31.91	29.53	27.93	26.33
528-6202AS1	E	W6202ASX-1	48-240	2.5	90-280	19.64	18.17	17.19	16.20
528-6210AS1	E	W6210ASX-1	48-240	10	90-280	22.89	21.16	20.02	18.88
528-6225AS1	E	W6225ASX-1	48-240	25	90-280	29.71	27.49	26.01	24.52
528-6240AS1	E	W6240ASX-1	48-240	40	90-280	31.91	29.53	27.93	26.33
528-6250AS1	E	W6250ASX-1	48-240	50	90-280	40.29	37.26	35.25	33.23

DC Controlled

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Output VAC	Max. Amps (RMS)	Input VDC	Price Each			
						1	10	25	50
528-6140DS1	E	W6140DSX-1	24-120	40	3-32	31.91	29.53	27.93	26.33
528-6202DS1	E	W6202DSX-1	48-240	2.5	3-32	18.20	16.84	15.93	15.02
528-6210DS1	E	W6210DSX-1	48-240	10	3-32	21.64	20.02	18.94	17.85
528-6225DS1	E	W6225DSX-1	48-240	25	3-32	26.11	24.16	22.86	21.55
528-6240DS1	E	W6240DSX-1	48-240	40	3-32	31.91	29.53	27.93	26.33
528-6250DS1	E	W6250DSX-1	48-240	50	3-32	40.29	37.26	35.25	33.23
528-6275DS1	E	W6275DSX-1	48-240	75	3-32	55.24	51.10	48.34	45.57

CLASS 199: OPEN STYLE

E43641 947-4-1

MOUSER STOCK NO.	Fig.	Magnecraft® Part No.	Contact		Coil		Price Each			
			Config.	Rat.	Volts	Ohms	1	10	25	50
AC Operated										
528-199AX-4	F	W199AX-4	SPDT	30A	120	- -	15.96	14.76	13.97	13.17
528-199AX-13	F	W199AX-13	DPDT	30A	24	- -	17.61	16.30	15.42	14.54
528-199AX-14	F	W199AX-14	DPDT	30A	120	- -	17.61	16.30	15.42	14.54
528-199AX-15	F	W199AX-15	DPDT	30A	240	- -	18.17	16.82	15.91	15.00
528-199AX-8	F	W199AX-8	DPST-NO	30A	24	- -	17.06	15.78	14.93	14.07
528-199AX-9	F	W199AX-9	DPST-NO	30A	120	- -	17.06	15.78	14.93	14.07
DC Operated										
528-199X-2	F	W199X-2	SPDT	30A	12	70	15.96	14.76	13.97	13.17
528-199X-3	F	W199X-3	SPDT	30A	24	290	15.96	14.76	13.97	13.17
528-199X-12	F	W199X-12	DPDT	30A	12	70	17.36	16.06	15.19	14.32
528-199X-13	F	W199X-13	DPDT	30A	24	290	17.36	16.06	15.19	14.32
528-199X-7	F	W199X-7	DPST-NO	30A	12	70	17.06	15.78	14.93	14.07
528-199X-8	F	W199X-8	DPST-NO	30A	24	290	17.06	15.78	14.93	14.07
528-199DX-2	F	W199DX-2	SPST-NO	30A	12	70	15.69	14.50	13.72	12.94
528-199DX-3	F	W199DX-3	SPST-NO	30A	24	290	15.69	14.50	13.72	12.94

DC-AC PANEL MOUNT POWER RELAYS

- Photo isolation
- Zero voltage turn-on
- High surge capability
- 4000V isolation voltage
- Built-in snubber
- 600V blocking voltage
- Operating temp.: -40°C to +100°C
- Turn-on/off time: 1/2 cycle

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Output Voltage (VAC)	Output Current Rating (Amp)	1 Cycle Surge Rating (Amp)	Turn-Off Voltage (min.)	Price Each			
						1	10	25	50
S505-OSJ600 Series, 90~280 VAC Control									
518-1010	A	24~330	10	100	20VAC/DC	17.41	15.67	14.73	13.85
518-1025	A	24~330	25	250	20VAC/DC	20.74	18.67	17.55	16.49
518-1040	A	24~330	40	650	20VAC/DC	28.10	25.29	23.77	22.34
518-1075	A	24~330	75	950	20VAC/DC	49.84	44.86	42.16	39.63
S505-OSJ600 Series, 3~28 VDC Control									
518-1110	A	24~330	10	100	1VDC	14.83	13.35	12.55	11.80
518-1125	A	24~330	25	250	1VDC	18.15	16.34	15.35	14.43
518-1140	A	24~330	40	650	1VDC	25.46	22.91	21.54	20.24
518-1175	A	24~330	75	950	1VDC	46.44	41.80	39.29	36.93
SSAA-330 and 660 Series, 90~280VAC Control									
518-2710	B	24~330	10	100	20VAC/DC	19.50	17.55	16.50	15.51
518-2725	B	24~330	25	250	20VAC/DC	23.59	21.23	19.96	18.76
518-2740	B	24~330	40	650	20VAC/DC	32.13	28.92	27.18	25.55
518-2775	B	24~330	75	950	20VAC/DC	51.84	46.66	43.86	41.23
518-2750	B	48~660	50	950	20VAC/DC	38.12	34.31	32.40	30.50
SSDA-330 and 660 Series, 4~28VDC Control									
518-2610	B	24~330	10	100	1VDC	16.61	14.95	14.05	13.21
518-2625	B	24~330	25	250	1VDC	20.61	18.55	17.44	16.39
518-2640	B	24~330	40	650	1VDC	29.05	26.15	24.58	23.10
518-2675	B	24~330	75	950	1VDC	48.44	43.60	40.98	38.52
518-2650	B	48~660	50	950	1VDC	35.80	32.22	30.43	28.64

DC-DC, RSDC-DC-100 Series, 3~32VDC Control

- Wide control range
- High surge capability
- 2500V isolation voltage
- Compatible with most logic systems
- Operating temp.: -40°C to +100°C
- Turn-on/off time: 100µs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Output Voltage (VDC)	Output Current Rating (Amp)	1 Cycle Surge Rating (Amp)	Turn-Off Voltage (min.)	Price Each			
						1	10	25	50
518-1208	A	0~100	8	20	1.0VDC	32.96	29.66	27.88	26.21
518-1212	A	0~100	12	30	1.0VDC	36.57	32.91	30.94	29.08
518-1220	A	0~100	20	60	1.0VDC	41.46	37.31	35.07	32.97
518-1240	A	0~100	40	120	1.0VDC	53.05	47.75	44.89	42.20

AC, DC-AC, RLDA, RLAA-240 Seeries, 24~280VAC Output

- Photo isolation
- Built-in snubber
- 4000V isolation voltage
- 600V blocking voltage
- Operating temp.: -40°C to +100°C
- Turn-on/off time: 1/2 cycle

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Control Voltage	Output Current Rating (Amp)	1 Cycle Surge Rating (Amp)	Turn-Off Voltage (min.)	Price Each			
						1	10	25	50
518-1532	C	3~32VDC	15	150	1VDC	12.08	10.87	10.22	9.61
518-1514	C	90~140VAC	15	150	20VAC	15.56	14.00	13.16	12.37
518-1528	C	180~280VAC	15	150	40VAC	15.56	14.00	13.16	12.37

DIN RAIL MOUNT RELAYS, 48~660VAC Output

- Photo isolation
- Zero voltage turn-on
- LED indicator
- 4000V isolation voltage
- Built-in snubber
- 1200V blocking voltage
- Operating temp.: -40°C to +100°C
- Turn-on/off time: 1/2 cycle

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Control Voltage	Output Current Rating (Amp)	1 Cycle Surge Rating (Amp)	Turn-Off Voltage (min.)	Price Each			
						1	10	25	50
Single Phase, RSAA, RSDA-660-25 Series									
518-2225	D	90~280VAC	25	250	20VAC	47.83	43.05	40.47	38.04
518-2025	D	4~28VDC	25	250	1VDC	45.54	40.99	38.53	36.22
518-2125	D	20~30VDC	25	250	1VDC	45.54	40.99	38.53	36.22
Single Phase, RSAA, RSDA-660-40 Series									
518-2240	E	90~280VAC	40	250	20VAC	61.20	55.08	51.78	48.67
518-2040	E	4~28VDC	40	250	1VDC	56.63	50.97	47.91	45.04
518-2140	E	20~30VDC	40	250	1VDC	56.63	50.97	47.91	45.04
Three Phase, RSAA, RSDA-660-30 Series									
518-2530	F	90~280VAC	30	650	20VAC	121.70	109.53	98.58	88.72
518-2330	F	4~28VDC	30	650	1VDC	115.70	104.13	97.88	92.01
518-2430	F	20~30VDC	30	650	1VDC	115.70	104.13	97.88	92.01

DC-AC PC MOUNT RELAY, 24~280VAC Output

- 1 cycle surge rating: 100A
- Turn-on voltage 3VDC
- PC or socket mount, vertical
- Zero voltage turn-on
- Turn-off voltage 1VDC
- 4000V isolation voltage
- Operating temp.: -40°C to +100°C
- Turn-on/off time: 1/2 cycle
- 600V blocking voltage

For quantities greater than listed, call for quote.

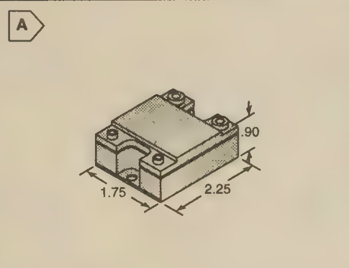
MOUSER STOCK NO.	Fig.	Control Voltage	Output Current Rating (Amp)	Type	Price Each			
					1	10	25	50
518-1304	G	3~32VDC	4	RP03-24/280-04A	11.21	10.09	9.48	8.91

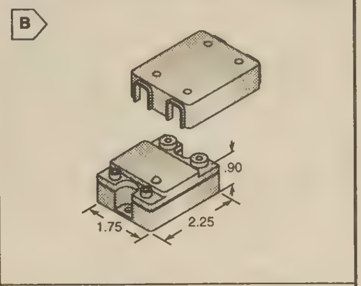
SAFETY COVER/HEAT SINKS

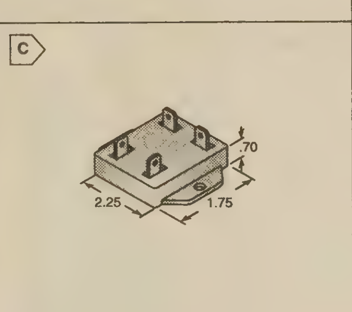
For quantities greater than listed, call for quote.

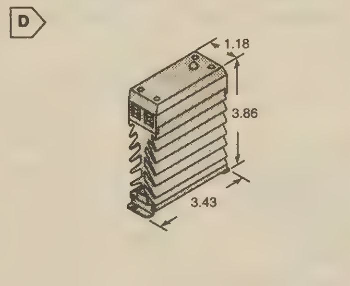
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	25	50
518-1400	- -	Safety cover for S505, SS, or RSDC Series relays	1.50	1.35	1.27	1.19
518-1421	H	Heat sink for 10A & 25A solid state relays (SSR's)	14.50	13.05	12.27	11.53
518-1415	I	Heat sink for 25A & 40A solid state relays (SSR's)	16.00	14.40	13.54	12.73
518-1410	J	Heat sink for 40A & 75A solid state relays (SSR's)	22.00	19.80	18.61	17.49

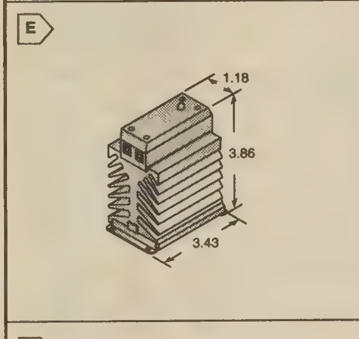
DIMENSIONS (IN.)

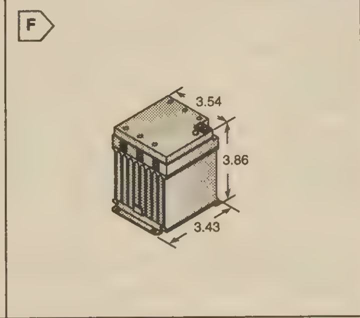


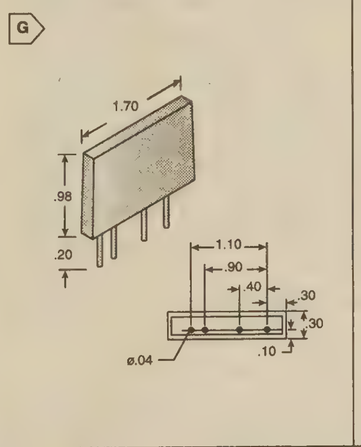


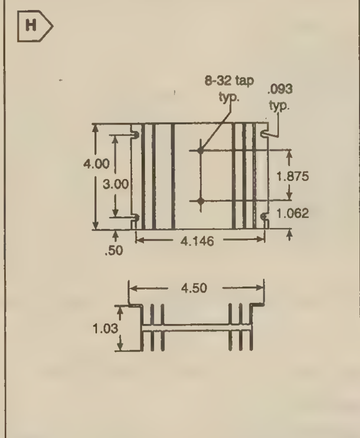


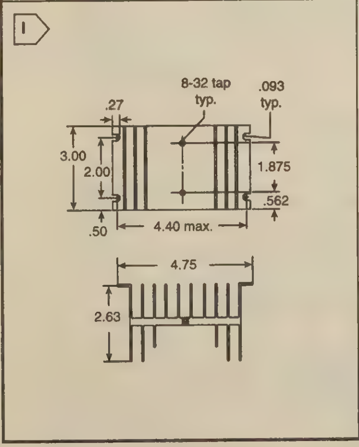


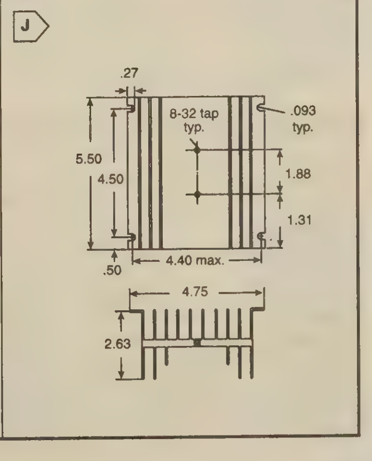






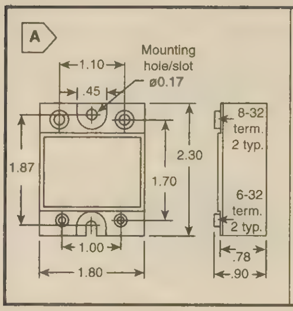


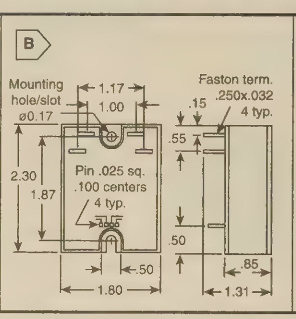


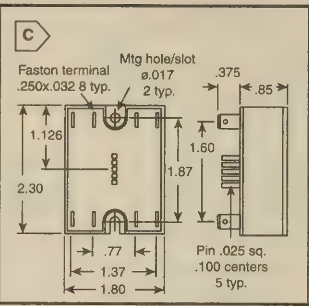


CRYDOM Solid State Relays

DIMENSIONS (I



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Faston terminal .250x.032 8 typ.
Mtg hole/slot ø.017 2 typ.
.375
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1.126
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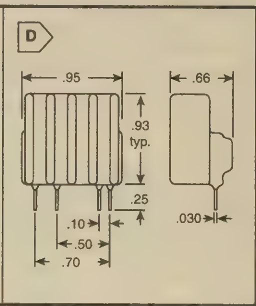
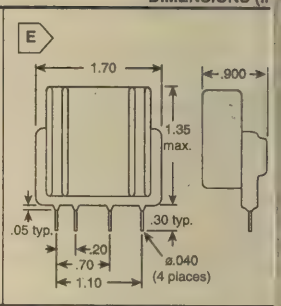
Pin .025 sq. .100 centers 5 typ.





SERIES 1 (10-125A, 120/240VAC OUTPUT)

Features:
- SCR output
- Zero voltage and random turn-on switching

Specifications:
- Operating temp. range: -40°C to +80°C
- Isolation voltage: 4000VRMS

10143 UG LR81689 E116949

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage	Load Current Range	Control Voltage	Control Current (mA)	Must Release Voltage	Price Each 1	10	25
DC Control		VAC	Arms	VDC	@ 5VDC	VDC			
558-D2410	A	24-280	.04-10	3-32	3.4	1.0	28.48	27.38	25.82
558-D2425	A	24-280	.04-25	3-32	3.4	1.0	28.77	27.66	26.08
* 558-D2425-10	A	24-280	.04-25	3-32	3.4	1.0	31.27	30.16	28.58
558-D2440	A	24-280	.04-40	3-32	3.4	1.0	32.53	31.28	29.50
558-D2450	A	24-280	.04-50	3-32	3.4	1.0	33.60	32.30	30.46
* 558-D2450-10	A	24-280	.04-50	3-32	3.4	1.0	36.10	34.80	32.96
558-D2475	A	24-280	.04-75	3-32	3.4	1.0	53.68	51.61	48.66
AC Control		VAC	Arms	VAC	@ 120VAC	VAC			
558-A2410	A	24-280	.04-10	90-280	2.0	10.0	30.12	28.96	27.31
558-A2425	A	24-280	.04-25	90-280	2.0	10.0	30.70	29.52	27.83
558-A2440	A	24-280	.04-40	90-280	2.0	10.0	33.89	32.58	30.72
558-A2450	A	24-280	.04-50	90-280	2.0	10.0	34.76	33.42	31.51
558-A2475	A	24-280	.04-75	90-280	2.0	10.0	55.99	53.84	50.76

* Non-zero cross, phase controllable

SERIES HA/HD (25-90A, 480VAC OUTPUT)

Features:
- SCR output
- Zero voltage switching
- 1200 volt blocking

Specifications:
- Operating temp. range: -40°C to +80°C
- Isolation voltage: 4000VRMS

10143 UG LR81689 E116949

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage	Load Current Range	Control Voltage	Control Current (mA)	Must Release Voltage	Price Each 1	10	25
DC Control		VAC	Arms	VDC	@ 5VDC	VDC			
558-HD4825	A	48-530	.04-25	3-32	2.0	1.0	36.69	35.27	33.26
558-HD4850	A	48-530	.04-50	3-32	2.0	1.0	40.74	39.17	36.94
558-HD4875	A	48-530	.04-75	3-32	2.0	1.0	65.07	62.57	58.99
558-HD4890	A	48-530	.04-90	3-32	2.0	1.0	69.11	62.76	59.69
AC Control		VAC	Arms	VAC	@ 120VDC	VAC			
558-HA4825	A	48-530	.04-25	90-280	2.0	10.0	41.90	40.29	37.99

SERIES NTD (10-25A, 120/240VAC OUTPUT)

Features:
- Triac output
- Cost effective

Specifications:
- Operating temp. range: -40°C to +80°C
- Isolation voltage: 3750VRMS

DC Control

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage (VAC)	Load Current Range (Arms)	Control Voltage (VDC)	Control Current @ 5VDC (mA)	Must Release Voltage (VDC)	Price Each 1	10	25
558-NTD2410	A	24-280	.15-10	3-32	9	1.0	21.50	19.35	18.28
558-NTD2425	A	24-280	.15-25	3-32	9	1.0	23.88	21.49	20.30

SERIES DC60 (3-7A, 60VDC OUTPUT)

Features:
- Bipolar transistor output
- Cost effective

Specifications:
- Operating temp. range: -30°C to +80°C
- Isolation voltage: 4000VRMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage	Load Current Range	Control Voltage	Control Current (mA)	Must Release Voltage	Price Each 1	10	25
DC Control		VDC	ADC	VDC	@5VDC	VDC			
558-DC60S3	A	3-60	.02-3	3.5-32	2.2	1.0	10.86	10.52	10.19
558-DC60S5	A	3-60	.02-5	3.5-32	2.2	1.0	17.06	16.52	15.99
558-DC60S7	A	3-60	.02-7	3.5-32	2.2	1.0	21.30	20.63	19.97
AC Control		VDC	ADC	VAC	@120VAC	VAC			
558-DC60SA3	A	3-60	.02-3	90-280	2.0	10	12.56	12.17	11.78
558-DC60SA5	A	3-60	.02-5	90-280	2.0	10	18.75	18.17	17.58
558-DC60SA7	A	3-60	.02-7	90-280	2.0	10	22.99	22.27	21.56

SERIES 1-DC (7-40A, DC OUTPUT 100-400 VDC)

Features:
- MOSFET output
- Low on-state resistance
- Paralleling capability for higher currents

Specifications:
- Operating temp. range: -30°C to +80°C
- Isolation voltage: 2500VRMS

† E11694

For quantities greate than listed, call for quote

MOUSER STOCK NO.	Fig.	Line Voltage (VDC)	Load Current Range (ADC)	Control Voltage (VDC)	Control Current @ 5VDC (mA)	Must Release Voltage (VDC)	Price Each 1	10	25
† 558-D1D07	A	0-100	0-7	3.5-32	1.6	1.0	43.05	38.73	37.23
† 558-D1D12	A	0-100	0-12	3.5-32	1.6	1.0	47.59	42.85	41.10
† 558-D1D20	A	0-100	0-20	3.5-32	1.6	1.0	51.71	46.56	44.65
† 558-D1D40	A	0-100	0-40	3.5-32	1.6	1.0	64.79	58.30	55.93
† 558-D2D07	A	0-200	0-7	3.5-32	1.6	1.0	47.50	45.67	43.06
558-D2D12	A	0-200	0-12	3.5-32	1.6	1.0	57.37	51.65	49.54
558-D4D07	A	0-400	0-7	3.5-32	1.6	1.0	55.80	53.66	50.59

DUAL RELAYS AND QUAD RELAYS

Features:
- Industry standard package
- Zero voltage switching

Specifications:
- Operating temp. range: -40°C to +80°C
- Isolation voltage: 4000VRMS (dual)
  2500VRMS (quad)

5902 UG LR81689 E116949

Dual • SCR output

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Line Voltage (VAC)	Load Current Range (Arms)	Control Voltage (VDC)	Control Current @ 5VDC (mA)	Must Release Voltage (VDC)	Price Each 1	10	25
558-D2425D	B	24-280	.15-25	4-15	15	1.0	51.75	49.76	46.91
558-D2440D	B	24-280	.15-40	4-15	15	1.0	58.60	56.35	53.13

Quad • Triac output • UL recognized only

For quantities greater than listed, call for quote

558-TD2420Q	C	24-280	.15-20	4-15	15	1.0	81.67	78.53	74.05

HEATSINKS

Crydom heatsinks offer excellent thermal management and are perfectly matched to the load current rating of a variety of relays.

MOUSER STOCK NO.	Usage Rating	Price Each 1	10	25	50
558-HS-2	Up to 25A	16.70	16.06	15.14	14.22
558-HE-54	Up to 50A	24.62	23.67	22.32	20.97

PROTECTIVE COVERS

Protective covers are made of high impact resistant plastic for added protection of Series 1 type panel mount solid state relays.

MOUSER STOCK NO.	Cover for Series	Price Each 1	10	25	50
558-KS-100	1 type packages	2.24	2.10	2.03	1.96

SERIES ASPF (3.0A, 240VAC OUTPUT, MINI-SIP)

Features:
- SCR output
- Integral heat sink design for high ratings
- DC control, AC output
- Random switching (R suffix)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Operating Volt. Range (VRMS)	Load Current Range (Arms)	Control Voltage (VDC)	Typ. Input Current @ 5VDC	Price Each 1	10	25
558-ASPF240D3	D	24-280	.1-3.0	4-10	15 mAdc	9.01	8.58	8.32

SERIES PF (25A, 280VAC OUTPUT, MINI-SIP)

Specifications:
- SCR output
- Operating temp. range: -30°C to +80°C
- Isolation voltage: 4000VRMS
- Must release voltage: 1.0VDC

70938 UG E116950

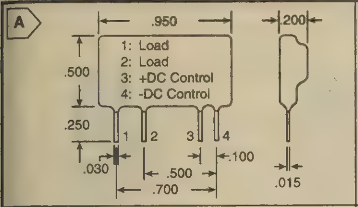
DC Control

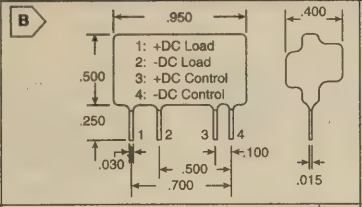
For quantities greater than listed, call for quote.

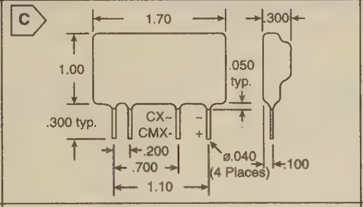
MOUSER STOCK NO.	Fig.	Line Voltage (VAC)	Load Current Range * (Arms)	Control Voltage (VDC)	Control Current @5VDC (mA)	@24VDC (mA)	Price Each 1	10	25
558-PF240D25	E	12-280	.06-25	3-15	15	- - -	13.13	12.51	12.12
558-PFE240D25	E	12-280	.06-25	15-32	- - -	15	13.13	12.51	12.12
558-PF240D25R	E	12-280	.06-25	3-15	15	- - -	13.13	12.51	12.12
558-PFE240D25R	E	12-280	.06-25	15-32	- - -	15	13.13	12.51	12.12

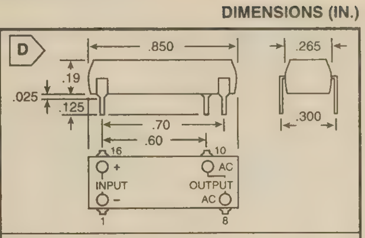
* Load current range is .06-25A in forced air, .06-10A in convection air

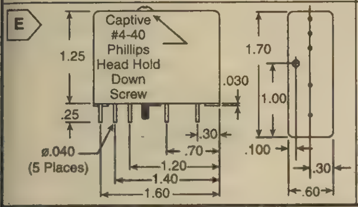
DIMENSIONS (IN.)

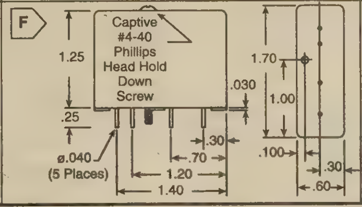


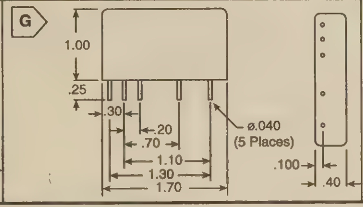


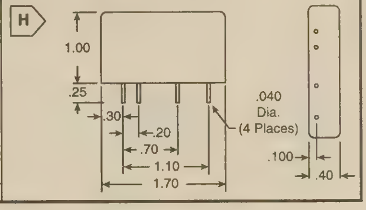












SERIES AO/ASO (1-2A, AC MINI-SIP)

LR81689 E116950

- Triac (AO) or SCR (ASO) output
- DC control, AC output
- Oper. temp. range: -30°C to +80°C
- Isolation voltage: 2500VRMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage (VAC)	Load Current Range (Arms)	Control Voltage (VDC)	Control Current @ 5VDC (mA)	Must Release Voltage (VDC)	Price Each		
							1	10	25
558-AO241	A	24-280	.02-1.0	4-10	15	1.0	6.72	6.40	6.09
558-AO241R	A	24-280	.02-1.0	4-10	15	1.0	6.72	6.40	6.09
558-ASO241	A	12-280	.01-1.5	4-10	15	1.0	7.43	7.07	6.73
558-ASO241R	A	12-280	.01-1.5	4-10	15	1.0	7.43	7.07	6.73
558-ASO242	A	12-280	.01-2.0	4-10	15	1.0	8.10	8.05	7.64
558-ASO242R	A	12-280	.01-2.0	4-10	15	1.0	8.10	8.05	7.64

R suffix denotes random turn-on

SERIES DO/DMO (1-3A, DC MINI-SIP)

- Bipolar (DO) or MOSFET (DMO) output
- DC control, DC output
- Operating temp. range: -30°C to +80°C
- Isolation voltage: 2500VRMS, 4000VRMS (DO)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage (VDC)	Load Current Range (ADC)	Control Voltage (VDC)	Control Current @ 5VDC (mA)	Must Release Voltage (VDC)	Price Each		
							1	10	25
558-DO061A	B	3-60	.02-1.0	3-9	15	1.0	7.73	6.95	6.57
558-DO061B	B	3-60	.02-1.0	1.7-9	15	0.8	7.73	6.95	6.57
558-DMO063	A	0-60	0-3.0	3-10	20	1.0	10.66	10.15	9.68

SERIES CX (5A, AC SIP)

10143UG LR81689 E116949

- SCR output
- Ultra high surge rating
- Patented design
- Operating temp. range: -30°C to +80°C
- Isolation voltage: 4000VRMS

DC Input

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage (VAC)	Load Current Range (ADC)	Control Voltage (VDC)	Control Current		Price Each		
					@5VDC (mA)	@24VDC (mA)	1	10	25
558-CX240D5	C	12-280	.06-5.0	3-15	15	- - -	9.01	8.58	8.32
558-CX240D5-B	C	12-280	.06-5.0	3-15	15	- - -	9.70	9.24	8.95
558-CX240D5R	C	12-280	.06-5.0	3-15	15	- - -	11.16	10.63	10.30
558-CXE240D5	C	12-280	.06-5.0	15-32	- - -	15	9.01	8.58	8.32
558-CXE240D5R	C	12-280	.06-5.0	15-32	- - -	15	11.16	10.63	10.30
558-CX380D5	C	48-530	.06-5.0	4-15	15	- - -	11.50	10.95	10.62
558-CXE380D5	C	48-530	.06-5.0	15-32	- - -	15	11.50	10.95	10.62
558-CX480D5	C	48-660	.06-5.0	4-15	15	- - -	12.63	12.03	11.66
558-CXE480D5	C	48-660	.06-5.0	15-32	- - -	15	12.63	12.03	11.66

SERIES CX (5A, AC SIP) (cont.)

AC Input

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage (VAC)	Load Current Range (Arms)	Control Voltage (VAC)	Control Current		Price Each		
					@120VAC (mA)	@24VAC (mA)	1	10	25
558-CX240A5	C	12-280	.06-5.0	90-140	10	- - -	10.08	9.60	9.30
* 558-CX240A5R	C	12-280	.06-5.0	90-140	10	- - -	10.76	10.25	9.94
558-CXE240A5	C	12-280	.06-5.0	18-36	- - -	5	10.08	9.60	9.30
* 558-CXE240A5R	C	12-280	.06-5.0	18-36	- - -	5	10.08	9.60	9.30

* R suffix denotes random turn-on

SERIES CMX (5-10A, DC SIP)

- MOSFET output
- Extra low on-state resistance
- Printed circuit board mounting
- Operating temp. range: -30°C to +80°C
- Isolation voltage: 2500VRMS

† E116950

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage (VDC)	Load Current Range (ADC)	Control Voltage (VDC)	Control Current @ 5VDC (mA)	Must Release Voltage (VDC)	Price Each		
							1	10	25
558-CMX60D5	C	0-60	0-5	3-10	15	1.0	20.05	19.13	18.54
† 558-CMX60D10	C	0-60	0-10	3-10	15	1.0	24.72	23.58	22.85
† 558-CMX100D6	C	0-100	0-6	3-10	15	1.0	24.72	23.58	22.85

SERIES DPA, SDV/SDI (1-1.5A, 240V SCR OUTPUT)

- 16 pin DIP package
- Voltage or current operated versions
- High packaging density
- Operating temp. range: -30°C to +80°C
- Isolation voltage: 3750VRMS

LR81689 E116950

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Line Voltage (VAC)	Load Current Range (Arms)	Control Voltage (VDC)	Control Current Range (mA)	Control Current @ 5VDC (mAdc)	Price Each		
							1	10	25
558-DPA4111	D	20-140	.01-1.0	- - -	10-50	15	4.20	4.12	4.04
558-DPA4119	D	20-140	.01-1.0	3.5-10	- - -	15	5.18	5.09	4.99
558-DPA6111	D	20-280	.01-1.0	- - -	10-50	15	5.18	5.09	4.99
558-DPA6119	D	20-280	.01-1.0	3.5-10	- - -	15	6.15	6.04	5.93
558-SDV2415	D	12-280	.01-1.5	3.5-10	- - -	15	6.99	6.77	6.56
* 558-SDV2415R	D	12-280	.01-1.5	3.5-10	- - -	15	6.99	6.77	6.56
558-SDI2415	D	12-280	.01-1.5	- - -	10-50	15	6.14	5.95	5.76
* 558-SDI2415R	D	12-280	.01-1.5	- - -	10-50	15	6.14	5.95	5.76

* R suffix denotes random turn-on

SERIES IAC/IDC, OAC/ODC, 5VDC SOLID STATE OPTO-ISOLATED I/O MODULES

MOUSER STOCK NO.	Fig.	Description	Voltage Type	Color	Input Specifications		Output Specifications			Price Each			
					Voltage Range	Typical Current (max.)	Load Current Over Load Voltage Range	Maximum Turn-on and Turn-off time	Switching Type	1	10	25	50
558-IAC5	E	Standard pack	AC or DC input	Yellow	90-140VAC	8mA	.1-100mA @ .4-30VDC	20ms	Random	9.81	9.20	8.89	8.58
558-IDC5	E	Standard pack	DC input	White	10-36VDC	10mA	.1-100mA @ .4-30VDC	5ms	Random	9.81	9.20	8.89	8.58
558-OAC5	F	Standard pack	AC output	Black	3-6VDC	22mA	.02-3A @ 12-140VAC	1/2 cycle	Zero	9.81	9.20	8.89	8.58
558-OAC5A	F	Standard pack	AC output	Black	3-6VDC	22mA	.02-3A @ 24-280VAC	1/2 cycle	Zero	10.30	9.66	9.34	9.02
558-ODC5	F	Standard pack	DC output	Red	3-6VDC	18mA	.02-3A @ 5-60VDC	0.3ms	Random	9.81	9.20	8.89	8.58
558-MIAC5	G	Mini-pack	AC or DC input	Yellow	90-140VAC	8mA	.1-100mA @ .4-30VDC	20ms	Random	9.81	9.20	8.89	8.58
558-MIDC5	G	Mini-pack	DC input	White	10-36VDC	10mA	.1-100mA @ .4-30VDC	5ms	Random	9.81	9.20	8.89	8.58
558-MOAC5	H	Mini-pack	AC output	Black	3-6VDC	22mA	.02-3A @ 12-140VAC	1/2 cycle	Zero	9.81	9.20	8.89	8.58
558-MOAC5A	H	Mini-pack	AC output	Black	3-6VDC	22mA	.02-3A @ 24-280VAC	1/2 cycle	Zero	10.30	9.66	9.34	9.02
558-MODC5	H	Mini-pack	DC output	Red	3-6VDC	18mA	.02-3A @ 5-60VDC	0.3ms	Random	9.81	9.20	8.89	8.58

SERIES PB I/O MODULES MOUNTING BOARDS

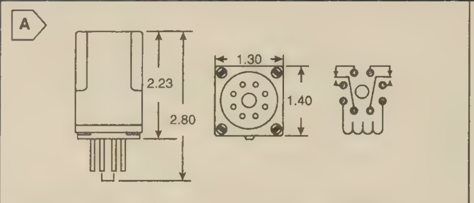
MOUSER STOCK NO.	Price Each			
	1	10	25	50
558-PB-4	30.50	28.59	27.64	26.68

These mounting boards accept standard I/O modules in any combination of input or output types. Modules are easily and quickly inserted without disturbing field wiring. Features include; LED status indicator, plug-in 5 amp fuse and 3.3KΩ pull-up resistor for each module. Module positions, input/output channels: 4.

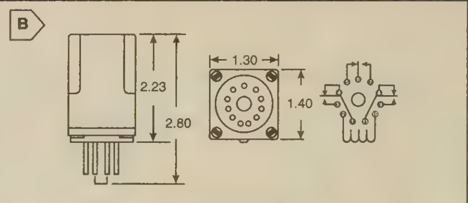
SOLID STATE RELAY HANDBOOK

A comprehensive and informative book written by Anthony Bishop.

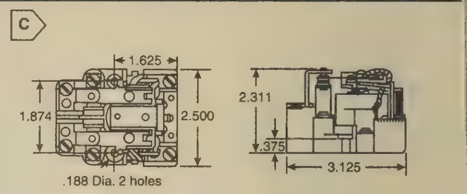
MOUSER STOCK NO.	Price Each			
	1	10	25	50
558-HDBK-899	19.21	18.47	17.42	16.36

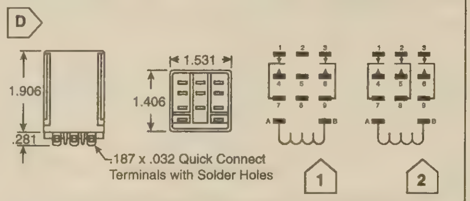


Can be used with Socket Accessories 526-R95-101 and 526-R95-113

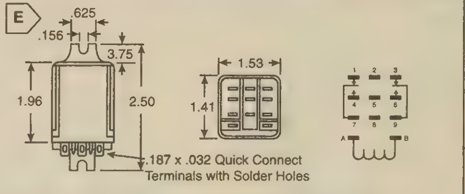


Can be used with Socket Accessories 526-R95-104 and 526-R95-114

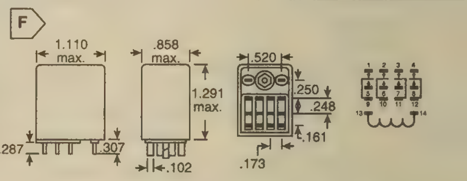




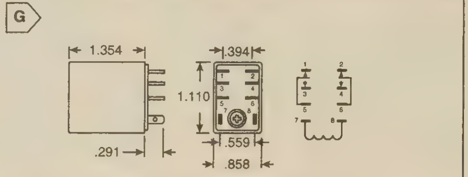
Can be used with Socket Accessories 526-R95-105 and 526-R95-115



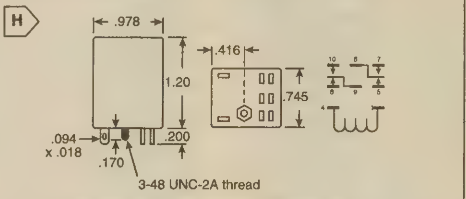
Can be used with Socket Accessories 526-R95-105 and 526-R95-115



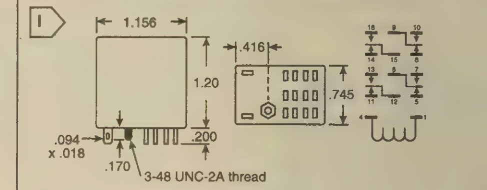
Can be used with Socket Accessories 526-R95-106A, 526-R95-107, 526-R95-117, and 526-R95-122



Can be used with Socket Accessories 526-R95-110, 526-R95-111, 526-R95-120, and 526-R95-121



Can be used with Socket Accessory 526-R95-102



Can be used with Socket Accessory 526-R95-108

R02 SERIES, GENERAL PURPOSE MULTICONTACT

Features:
- Indicator lamp types (N-suffix)
- 8 pin and 11 pin Octal plug-in types
- DPDT and 3PDT types
- Clear plastic dust cover
- Long life contacts

Electrical Specifications:
- Operating and Release time: 25mS or less
- Insulation material: molded polyester
- Insulation resistance: 1 x 10³MΩ (min.)
- Duty cycle: continuous
- Operating temperature: -10°C to +50°C (AC), -10°C to +60°C (DC)

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
AC Operated							
526-R02-11A10-12	A	12VAC	DPDT	- - -	2.0VA	10A	13.78
526-R02-11A10-24	A	24VAC	DPDT	- - -	2.0VA	10A	11.45
526-R02-11A10-120	A	120VAC	DPDT	- - -	2.0VA	10A	13.00
526-R02-11A10-120N	A	120VAC	DPDT	- - -	2.0VA	10A	18.20
526-R02-11A10-240	A	240VAC	DPDT	- - -	2.0VA	10A	14.20
526-R02-14A10-120	B	120VAC	3PDT	- - -	2.75VA	10A	14.45
526-R02-14A10-120N	B	120VAC	3PDT	- - -	2.75VA	10A	14.45
DC Operated							
526-R02-11D10-12	A	12VDC	DPDT	120	1.0W	10A	11.62
526-R02-11D10-24	A	24VDC	DPDT	470	1.0W	10A	12.21
526-R02-11D10-110	A	110VDC	DPDT	10K	1.2W	10A	13.59
526-R02-14D10-12	B	12VDC	3PDT	120	1.0W	10A	15.75
526-R02-14D10-24	B	24VDC	3PDT	470	1.0W	10A	14.20

R04 SERIES, HEAVY DUTY OPEN FRAME

Features:
- Screw terminals
- Long life contacts
- Molded plastic barrier insulation
- Molded nylon bobbin coil

Electrical Specifications:
- Operating time: 40mS or less
- Release time: 30mS or less
- Operating temperature: -30°C to +50°C
- Duty cycle: continuous

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
AC Operated							
526-R04-11A30-120	C	120VAC	DPDT	- - -	10VA	30A	20.88
DC Operated							
526-R04-11D30-12	C	12VDC	DPDT	70	2.0W	30A	20.40

R10 SERIES, GENERAL PURPOSE

Features:
- .187" 3-way terminals suitable for plug-in, solder, and quick connect
- DPDT and 3PDT
- Clear see-thru cover

Electrical Specifications:
- Operating time: 20mS (DPDT), 24mS (3PDT)
- Release time: 28mS (DPDT), 26mS (3PDT)
- Duty cycle: continuous
- Operating temperature: -30°C to +50°C (AC), -30°C to +65°C (DC)

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
AC Operated							
526-R10-11A10-24	D1	24VAC	DPDT	- - -	2.0VA	10A	8.82
526-R10-11A10-120F	E	120VAC	DPDT	- - -	2.0VA	10A	9.10
526-R10-14A10-24	D2	24VAC	3PDT	- - -	2.75VA	10A	10.49
526-R10-14A10-120	D2	120VAC	3PDT	- - -	2.75VA	10A	10.49
DC Operated							
526-R10-11D10-12	D1	12VDC	DPDT	120	1.2W	10A	8.56
526-R10-11D10-24	D1	24VDC	DPDT	470	1.2W	10A	8.56
526-R10-14D10-12	D2	12VDC	3PDT	120	1.2W	10A	9.88
526-R10-14D10-24	D2	24VDC	3PDT	470	1.2W	10A	9.88

R12 SERIES, GENERAL PURPOSE

Features:
- Slightly larger than 1 cubic inch
- High reliability, 50 million operations
- Plug-in or solder terminal

Electrical Specifications:
- Operating time: 25mS or less
- Release time: 25mS or less
- Duty cycle: continuous
- Operating temperature: -30°C to +55°C

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
AC Operated							
526-R12-17A3-24	F	24VAC	4PDT	- - -	1.2VA	5A	12.70
526-R12-17A3-120	F	120VAC	4PDT	- - -	1.2VA	5A	12.70
DC Operated							
526-R12-17D3-12	F	12VDC	4PDT	160	.9W	5A	10.89
526-R12-17D3-24	F	24VDC	4PDT	650	.9W	5A	10.89

R14 SERIES, GENERAL PURPOSE

Features:
- Slightly larger than 1 cubic inch
- Plug-in or solder terminals, will also accept .187" faston terminals
- High reliability, 50 million operations

Electrical Specifications:
- Operating time: 25mS or less
- Release time: 25mS or less
- Duty cycle: continuous
- Operating temperature: -30°C to +55°C

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
AC Operated							
526-R14-11A10-12	G	12VAC	DPDT	- - -	1.2VA	10A	8.47
526-R14-11A10-24	G	24VAC	DPDT	- - -	1.2VA	10A	8.47
526-R14-11A10-120	G	120VAC	DPDT	- - -	1.2VA	10A	10.05
526-R14-5A15-120	G	120VAC	SPDT	- - -	1.2VA	15A	8.26
DC Operated							
526-R14-11D10-12	G	12VDC	DPDT	160	.9W	10A	7.95
526-R14-11D10-24	G	24VDC	DPDT	650	.9W	10A	7.95
526-R14-5D15-24	G	24VDC	SPDT	650	.9W	15A	7.40

R16 SERIES, MINIATURE INDUSTRIAL DC Operated

Features:
- DPDT and 4PDT versions
- Combination solder/plug-in terminals
- Gold overlay bar type long life contacts

Electrical Specifications:
- Operating time: 12mS (DPDT), 14mS (4PDT) or less
- Release time: 8mS or less
- Operating temperature: -55°C to +70°C, 10 sec. (max.)

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R16-11D5-5	H	5/6VDC	DPDT	52	.5W	5A	14.41
526-R16-11D5-12	H	12VDC	DPDT	185	.75W	5A	16.55
526-R16-11D5-24	H	24VDC	DPDT	700	1W	5A	18.77
526-R16-17D5-12	I	12VDC	4PDT	185	1W	5A	17.89
526-R16-17D5-24	I	24VDC	4PDT	700	1W	5A	17.67
526-R16-11D3-12	H	12VDC	DPDT	185	.75W	3A	14.38
526-R16-17D3-12	I	12VDC	4PDT	185	.75W	3A	13.06

NTE DC Operated Relays and Accessories

ELECTRONICS, INC.

Note: All dimensions are in inches

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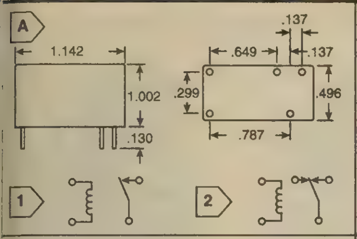

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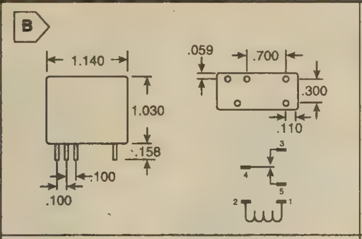

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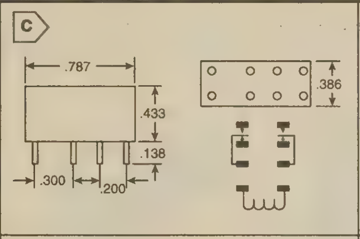

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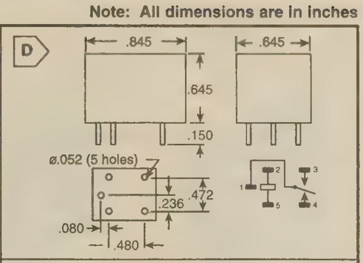

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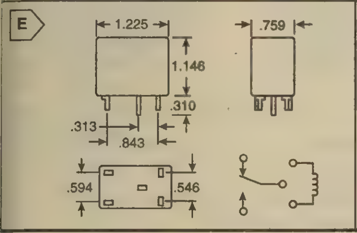

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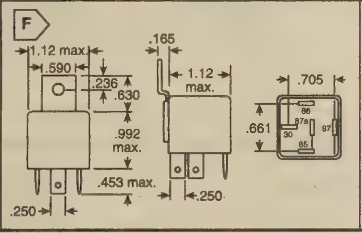

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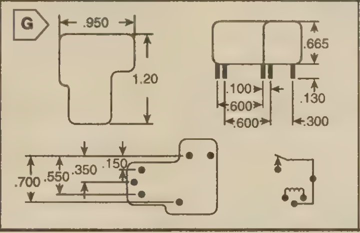

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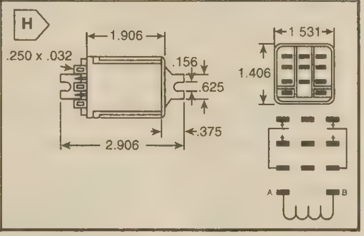

R22 SERIES, SLIM LINE

Features:
- Long life
- PC board mount

Electrical Specifications:
- Operating time: 30mS
- Release time: 8mS

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R22-1D16-12	A1	12VDC	SPST-NO	270	540mW	16A	4.96
526-R22-1D16-24	A1	24VDC	SPST-NO	1100	540mW	16A	4.96
526-R22-1D16-48	A1	48VDC	SPST-NO	4400	540mW	16A	5.26
526-R22-5D16-5/6	A2	5/6VDC	SPDT	47	540mW	16A	4.96
526-R22-5D16-12	A2	12VDC	SPDT	270	540mW	16A	4.96
526-R22-5D16-24	A2	24VDC	SPDT	1100	540mW	16A	4.96

R24 SERIES, UPRIGHT EPOXY SEALED POWER

Features:
- High dielectric-4000 VRMS between control and switching circuits
- Cut-off nib after PCB washing
- 94V-0 enclosure

Electrical Specifications:
- Operating time: 15mS
- Release time: 10mS
- Switching rate: 5 operations per sec. max.
- Operating temperature: -40°C to +70°C

526-R24-5D10-12V	B	12VDC	SPDT	230	600mW	10A	6.18
526-R24-5D10-24V	B	24VDC	SPDT	920	600mW	10A	5.53

R40 SERIES, PC MOUNT EPOXY SEALED

Features:
- Ultra-sensitive coil
- Standard 0.1" DIP terminal

Electrical Specifications:
- Operating time: 4.5mS max.
- Release time: 1.5mS max.
- Operating temp.: -40°C to +65°C
- Mechanical life: 20,000,000 operations min.

526-R40-11D2-5/6	C	5/6VDC	DPDT	167	150mW	2A	4.68
526-R40-11D2-12	C	12VDC	DPDT	960	150mW	2A	4.68
526-R40-11D2-24	C	24VDC	DPDT	2880	200mW	2A	4.68

R46 SERIES, GENERAL PURPOSE

Features:
- All sealed and resistant to wave soldering and cleaning
- Less than 0.53 cubic inches

Electrical Specifications:
- Operating time: 10mS max.
- Release time: 5mS max.
- Operating temperature: -25°C to +70°C

526-R46-5D3-12	D	12VDC	SPDT	360	400mW	5A	4.09
526-R46-5D3-24	D	24VDC	SPDT	1440	400mW	5A	4.09

R48 SERIES, MINIATURE GENERAL PURPOSE

Features:
- PC mountable
- 1.1 cubic inches
- Long life

Electrical Specifications:
- Operating time: 12mS typ.
- Release time: 3mS typ.
- Operating temperature: -55°C to +85°C

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R48-5D10-12	E	12VDC	SPDT	600	250mW	10A	4.98

R51 SERIES, GENERAL PURPOSE

Features:
- .250" quick disconnect terminals
- Flange mount - "F" suffix

Electrical Specifications:
- Operating time: 7mS
- Release time: 2mS
- Operating temperature: -40°C to +125°C
- Storage temperature: -40°C to +155°C

526-R51-5D40-12	F	12VDC	SPDT	90	1.6W	40A	6.28
526-R51-5D40-12F	F	12VDC	SPDT	90	1.6W	40A	6.87

R53 SERIES, MINIATURE INDUSTRIAL

Features:
- PC mountable
- Epoxy sealed
- Vented cover-fully enclosed

Electrical Specifications:
- Operating time: 10-15mS
- Release time: 10-15mS
- Operating temperature: -55°C to +85°C

MOUSER STOCK NO.	Fig.	Nominal Voltage	Contact Arr.	Coil Resistance Ω (typ.)	Nominal Power	Max. Contact Cur. @ 28VDC or 120VAC	Price Each
526-R53-1D30-12	G	12VDC	SPST-NO	155	900mW	30A	5.09
526-R53-1D30-24	G	24VDC	SPST	660	900mW	30A	5.09

R55 SERIES, GENERAL PURPOSE

Features:
- Flange mount
- 1/4" quick connect terminals also suitable for soldering

Electrical Specifications:
- Operating temperature: -30°C to +60°C
- Storage temperature: -30°C to +100°C

526-R55-11D20-12F	H	12VDC	DPDT	100	1.5W	20A	13.18
526-R55-11D20-24F	H	24VDC	DPDT	400	1.5W	20A	13.18

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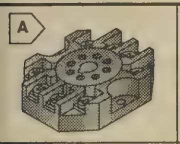

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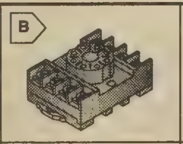

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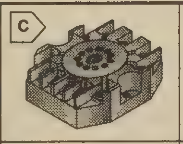

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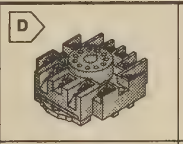

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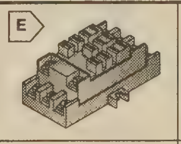

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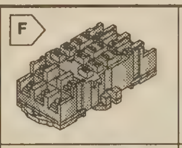

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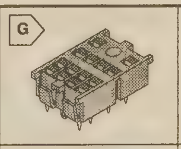

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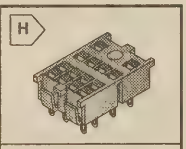

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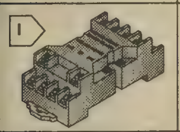

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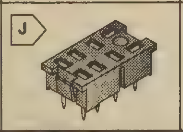

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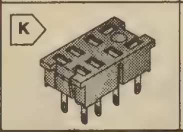

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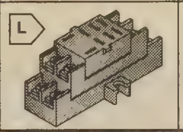

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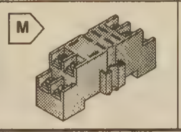

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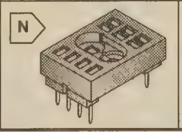

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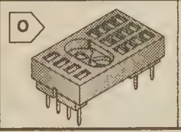

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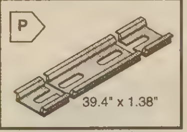


SOCKET ACCESSORIES

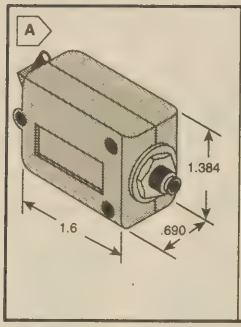
*DIN rail mountable

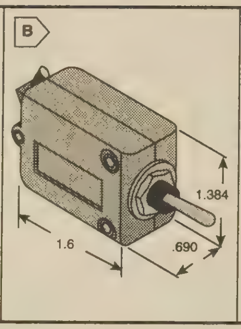
MOUSER STOCK NO.	Fig.	Description	Electrical Rating Volts	Electrical Rating Amps	Price Each
526-R95-101	A	For use with R02 series	600	10	4.86
526-R95-113	B	For use with R02 series	300	10	4.29
526-R95-104	C	For use with R02 series	600	10	8.19
526-R95-114	D	For use with R02 series	300	10	5.88
526-R95-105	E	For use with R10 series	300	10	8.68
526-R95-115	F	For use with R10 series	300	10	7.59
526-R95-107	G	For use with R12 series	120	5	1.63
526-R95-122	H	For use with R12 series	120	5	1.30
526-R95-106A	I	For use with R12 series	300	7	7.73
*526-R95-117	I	For use with R12 series	300	7	7.05
526-R95-120	J	For use with R14 series	300	10	1.82
526-R95-111	K	For use with R14 series	300	10	2.21
526-R95-110	L	For use with R14 series	300	10	7.58
*526-R95-121	M	For use with R14 series	300	10	5.21
526-R95-102	N	For use with R16 series	1000	5	2.18
526-R95-108	O	For use with R16 series	1000	10	2.70
526-R95-125	P	Aluminum DIN rail	- - -	- - -	5.78
526-R95-001	- -	Hold down clip	- - -	- - -	1.68

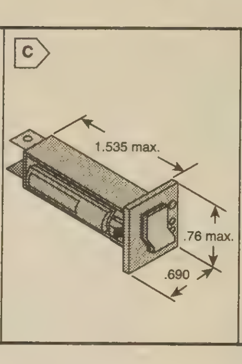
RELAY SELECTOR GUIDE AND CROSS REFERENCE

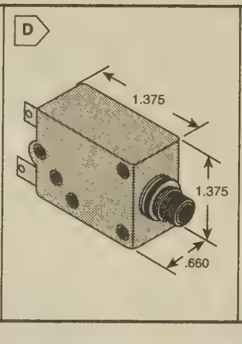
Cross reference guide containing over 42,000 original type numbers from 166 manufacturers. NTE offers an exclusive two-year warranty with the purchase of any NTE relay.

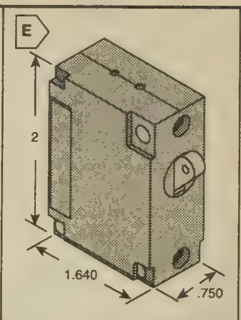
MOUSER STOCK NO.	Price Each
526-RC005	2.95

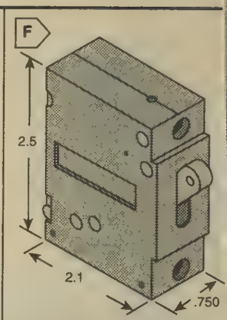












W23 / W31: Thermal Circuit Breakers

Features:

- SPDT contact configuration
- May be used as a switch
- W23 has a visible trip indicator

Specifications:

- Max. operating voltage: 50VDC or 250VAC
- Resettable overload capacity: ten times rated current
- Dielectric strength: over 1500 volts RMS
- Termination: two #8-32 screw terminals

Push/Pull Actuated

MOUSER STOCK NO.	Fig.	Current Rating (Amps)	Maximum Resistance (Ω)	Price Each			
				1	25	50	100
655-W23-X1A1G-1	A	1	0.61	29.77	28.21	24.29	21.94
655-W23-X1A1G-2	A	2	0.19	29.77	28.21	24.29	21.94
655-W23-X1A1G-3	A	3	0.04	29.77	28.21	24.29	21.94
655-W23-X1A1G-5	A	5	0.03	18.41	17.44	15.02	13.57
655-W23-X1A1G-7.50	A	7.5	0.02	18.41	17.44	15.02	13.57
655-W23-X1A1G-10	A	10	0.01	18.41	17.44	15.02	13.57
655-W23-X1A1G-15	A	15	0.006	18.41	17.44	15.02	13.57
655-W23-X1A1G-20	A	20	0.004	18.41	17.44	15.02	13.57
655-W23-X1A1G-25	A	25	0.004	18.41	17.44	15.02	13.57
655-W23-X1A1G-30	A	30	0.003	18.41	17.44	15.02	13.57
655-W23-X1A1G-35	A	35	0.003	18.41	17.44	15.02	13.57
655-W23-X1A1G-40	A	40	0.002	18.41	17.44	15.02	13.57
655-W23-X1A1G-50	A	50	0.002	18.41	17.44	15.02	13.57

Toggle Actuated

MOUSER STOCK NO.	Fig.	Current Rating (Amps)	Maximum Resistance (Ω)	Price Each			
				1	25	50	100
655-W31-X2M1G-1	B	1	0.61	33.17	31.43	27.06	24.44
655-W31-X2M1G-2	B	2	0.19	33.17	31.43	27.06	24.44
655-W31-X2M1G-3	B	3	0.04	33.17	31.43	27.06	24.44
655-W31-X2M1G-5	B	5	0.03	21.77	20.63	17.76	16.04
655-W31-X2M1G-7.50	B	7.5	0.02	21.77	20.63	17.76	16.04
655-W31-X2M1G-10	B	10	0.01	21.77	20.63	17.76	16.04
655-W31-X2M1G-15	B	15	0.006	21.77	20.63	17.76	16.04
655-W31-X2M1G-20	B	20	0.004	21.77	20.63	17.76	16.04
655-W31-X2M1G-25	B	25	0.004	21.77	20.63	17.76	16.04
655-W31-X2M1G-30	B	30	0.003	21.77	20.63	17.76	16.04
655-W31-X2M1G-35	B	35	0.003	21.77	20.63	17.76	16.04
655-W31-X2M1G-40	B	40	0.002	21.77	20.63	17.76	16.04
655-W31-X2M1G-50	B	50	0.002	21.77	20.63	17.76	16.04

W28 Series: Push to Reset Circuit Breakers

Features:

- Replaces slow-blow glass cartrdige fuse
- Snap-in mounting
- Button extends for visual trip indication

Specifications:

- Dielectric strength: over 1500 volts RMS
- Max. operating voltage: 32VDC; 250VAC
- Termination: .250" quick connects. Soldering not recommended
- Mounting: snaps into panel from front

MOUSER STOCK NO.	Fig.	Current Rating (Amps)	Maximum Resistance (Ω)	Price Each			
				1	25	50	100
655-W28-XQ1A-0.25	C	0.25	14.00	4.62	4.37	3.77	3.40
655-W28-XQ1A-0.50	C	0.5	3.55	4.62	4.37	3.77	3.40
655-W28-XQ1A-1	C	1	0.89	4.62	4.37	3.77	3.40
655-W28-XQ1A-2	C	2	0.17	4.62	4.37	3.77	3.40
655-W28-XQ1A-3	C	3	0.069	2.57	2.43	2.09	1.89
655-W28-XQ1A-4	C	4	0.043	2.57	2.43	2.09	1.89
655-W28-XQ1A-5	C	5	0.03	2.57	2.43	2.09	1.89
655-W28-XQ1A-6	C	6	0.026	2.57	2.43	2.09	1.89
655-W28-XQ1A-7	C	7	0.017	2.57	2.43	2.09	1.89
655-W28-XQ1A-8	C	8	0.016	2.57	2.43	2.09	1.89
655-W28-XQ1A-10	C	10	0.011	2.57	2.43	2.09	1.89
655-W28-XQ1A-12	C	12	0.009	2.57	2.43	2.09	1.89
655-W28-XQ1A-15	C	15	0.007	2.57	2.43	2.09	1.89
655-W28-XQ1A-20	C	20	0.006	2.57	2.43	2.09	1.89

W58 Series: Push to Reset Circuit Breakers

DIMENSIONS (IN

Features:

- Cannot be manually tripped
- Button extends for visual trip indication

Specifications:

- Max. operating voltage: 50VDC or 250VAC
- Resettable overload capacity: ten times rated current
- Dielectric strength: over 1500 volts RMS

With .250" QC Terminals

MOUSER STOCK NO.	Fig.	Current Rating (Amps)	Maximum Resistance (Ω)	Price Each			
				1	25	50	100
655-W58-XB1A4A-1	D	1	1.35	7.92	7.51	6.46	5.84
655-W58-XB1A4A-2	D	2	0.32	7.92	7.51	6.46	5.84
655-W58-XB1A4A-3	D	3	0.18	7.92	7.51	6.46	5.84
655-W58-XB1A4A-4	D	4	0.1	7.92	7.51	6.46	5.84
655-W58-XB1A4A-5	D	5	0.026	5.07	4.81	4.14	3.74
655-W58-XB1A4A-6	D	6	0.026	5.07	4.81	4.14	3.74
655-W58-XB1A4A-7	D	7	0.02	5.07	4.81	4.14	3.74
655-W58-XB1A4A-8	D	8	0.02	5.07	4.81	4.14	3.74
655-W58-XB1A4A-10	D	10	0.014	5.07	4.81	4.14	3.74
655-W58-XB1A4A-12	D	12	0.01	5.07	4.81	4.14	3.74
655-W58-XB1A4A-15	D	15	0.01	5.07	4.81	4.14	3.74
655-W58-XB1A4A-20	D	20	0.005	5.07	4.81	4.14	3.74
655-W58-XB1A4A-25	D	25	0.006	5.07	4.81	4.14	3.74
655-W58-XB1A4A-30	D	30	0.004	5.07	4.81	4.14	3.74

With 6-32 Screw Terminals

MOUSER STOCK NO.	Fig.	Current Rating (Amps)	Maximum Resistance (Ω)	Price Each			
				1	25	50	100
655-W58-XC4C12A-1	D	1	1.35	11.38	10.78	9.28	8.39
655-W58-XC4C12A-2	D	2	0.32	11.38	10.78	9.28	8.39
655-W58-XC4C12A-3	D	3	0.18	11.38	10.78	9.28	8.39
655-W58-XC4C12A-5	D	5	0.1	8.57	8.12	6.99	6.31
655-W58-XC4C12A-7	D	7	0.026	8.57	8.12	6.99	6.31
655-W58-XC4C12A-10	D	10	0.02	8.57	8.12	6.99	6.31
655-W58-XC4C12A-15	D	15	0.02	8.57	8.12	6.99	6.31
655-W58-XC4C12A-20	D	20	0.014	8.57	8.12	6.99	6.31
655-W58-XC4C12A-25	D	25	0.01	8.57	8.12	6.99	6.31
655-W58-XC4C12A-30	D	30	0.01	8.57	8.12	6.99	6.31

W6/W9 Series: Magnetic Hydraulic Circuit Breakers

Features:

- Designed for international market
- Trip-free operation
- W6-White toggle actuator (one per pole)
- W9-Black toggle actuator (one per pole)

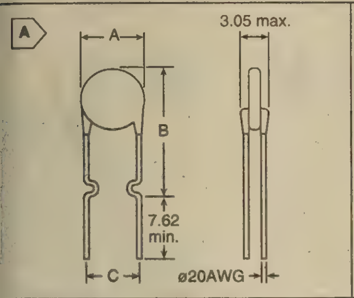
Specifications:

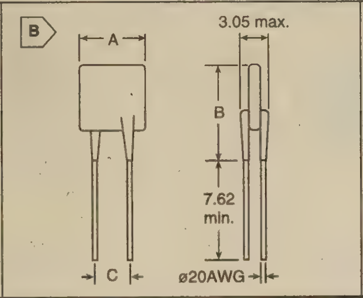
- All have standard time delay curve (W67-X2Q10-5 has instantaneous time delay curve)
- Circuit function: series trip
- Dielectric strength: 1500 VAC; 1100 VDC
- Insulation resistance: 100 MΩ @ 500 VDC

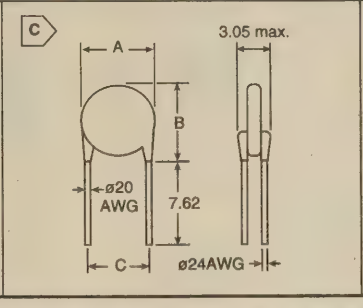
MOUSER STOCK NO.	Fig.	No. of Poles	Current Rating (Amps)	Max. Resist. (Ω)	Price Each			
					1	25	50	100
655-W67-X2Q10-5	E	1	5	0.04	19.08	18.70	16.82	15.93
655-W67-X2Q52-10	E	1	10	0.013	19.08	18.70	16.82	15.93
655-W67-X2Q12-15	E	1	15	0.01	19.08	18.70	16.82	15.93
655-W68-X2Q12-10	E	2	10	0.013	47.75	42.95	38.65	33.60
655-W68-X2Q12-15	E	2	15	0.01	47.75	42.95	38.65	33.60
655-W68-X2Q12-20	E	2	20	0.004	47.75	42.95	38.65	33.60
655-W69-X2Q12-10	E	3	10	0.013	74.95	67.50	60.75	52.83
655-W91-X112-10	F	1	10	0.013	22.25	21.77	19.59	18.96
655-W91-X112-20	F	1	20	0.004	22.25	21.77	19.59	18.96
655-W92-X112-1	F	2	1	1.2	56.12	50.52	43.28	39.35
655-W92-X112-15	F	2	15	0.01	56.12	50.52	43.28	39.35
655-W92-X112-20	F	2	20	0.004	56.12	50.52	43.28	39.35
655-W92-X112-30	F	2	30	0.0027	56.12	50.52	43.28	39.35
655-W92-X112-50	F	2	50	0.0015	56.12	50.52	43.28	39.35
655-W93-X112-50	F	3	50	0.0015	89.52	79.93	71.48	62.08

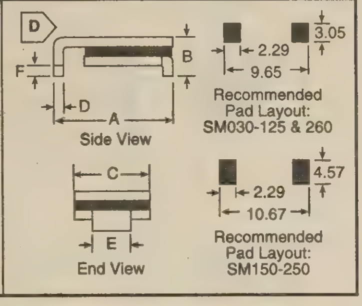
BOURNS Multifuse® PTC Resettable Fuses

DIMENSIONS mm









ULTIFUSE® Resettable Fuses from Bourns are manufactured from a non-conductive crystalline polymer and a highly conductive carbon black. When the conductive plastic material is at normal room temperature, there are numerous arbon chains forming conductive paths through the material. Under fault conditions, excessive current flows through the material causing the temperature to rise and is accompanied by a small expansion. As the conductive particles nove apart they no longer conduct current and the resistance of the device increases sharply. The material will stay "hot" as long as the power is applied. The device will remain latched, providing continuous protection, until the fault is leared and the power is removed. The carbon chains will reform as the polymer re-crystallizes and the resistance quickly returns to its original value.

MF-R SERIES

Features:

- Radial leaded devices
- Cured, flame retardant epoxy polymer insulating material meets UL94V-0 requirements

Applications:

Almost anywhere there is a low voltage power supply and a load to be protected including:

- Computers and peripherals
- General electronics
- Automotive applications

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Max Volt.	I max. Amps	Rated Current Amps @ 23°C		Initial Resistance Ω @ 23°C		Post-Trip Resist.	Dimensions mm			Price Each			
					Hold	Trip	Min.	Max.		A (max.)	B (max.)	C (nom.)	1	100	500	1000
652-MFR010	MF-R010	A	60	40	0.10	0.20	2.50	4.50	7.50	7.39	12.70	5.08	**.48**	**.40**	**.32**	**.26**
652-MFR017	MF-R017	A	60	40	0.17	0.34	2.0	3.2	8.00	7.39	12.70	5.08	**.48**	**.40**	**.32**	**.26**
652-MFR020	MF-R020	A	60	40	0.20	0.40	1.50	2.84	4.40	7.39	12.70	5.08	**.51**	**.42**	**.34**	**.27**
652-MFR025	MF-R025	A	60	40	0.25	0.50	1.00	1.95	3.00	7.39	12.70	5.08	**.51**	**.42**	**.34**	**.27**
652-MFR030	MF-R030	A	60	40	0.30	0.60	0.76	1.36	2.10	7.39	13.39	5.08	**.51**	**.42**	**.34**	**.27**
652-MFR040	MF-R040	A	60	40	0.40	0.80	0.52	0.86	1.29	7.39	13.69	5.08	**.53**	**.44**	**.35**	**.29**
652-MFR050	MF-R050	A	60	40	0.50	1.00	0.41	0.77	1.17	7.90	13.69	5.08	**.53**	**.44**	**.35**	**.29**
652-MFR065	MF-R065	A	60	40	0.65	1.30	0.27	0.48	0.72	9.70	15.19	5.08	**.53**	**.44**	**.35**	**.29**
652-MFR075	MF-R075	A	60	40	0.75	1.50	0.18	0.40	0.60	10.39	16.00	5.08	**.56**	**.46**	**.37**	**.30**
652-MFR090	MF-R090	A	60	40	0.90	1.80	0.14	0.31	0.47	11.71	16.69	5.08	**.56**	**.46**	**.37**	**.30**
652-MFR110	MF-R110	A	30	40	1.10	2.20	0.10	0.18	0.27	8.89	14.00	5.08	**.58**	**.49**	**.39**	**.31**
652-MFR135	MF-R135	A	30	40	1.35	2.70	0.065	0.115	0.17	8.89	18.90	5.08	**.56**	**.46**	**.37**	**.30**
652-MFR160	MF-R160	A	30	40	1.60	3.20	0.055	0.105	0.15	10.19	16.79	5.08	**.66**	**.55**	**.44**	**.35**
652-MFR185	MF-R185	A	30	40	1.85	3.70	0.04	0.07	0.11	11.99	18.39	5.08	**.58**	**.49**	**.39**	**.31**
652-MFR250-0-010	MF-R250-0-010	B	30	40	2.50	5.00	0.025	0.048	0.07	11.99	18.29	5.08	**.76**	**.63**	**.50**	**.41**
652-MFR300	MF-R300	B	30	40	3.00	6.00	0.02	0.05	0.08	11.99	18.29	5.08	**.68**	**.57**	**.45**	**.37**
652-MFR400	MF-R400	B	30	40	4.00	8.00	0.01	0.03	0.05	14.40	24.79	5.08	**.75**	**.61**	**.49**	**.39**
652-MFR500	MF-R500	B	30	40	5.00	10.00	0.01	0.03	0.05	17.40	24.89	10.16	**.78**	**.65**	**.52**	**.42**
652-MFR600	MF-R600	B	30	40	6.00	12.00	0.005	0.02	0.04	19.30	31.90	10.16	**.81**	**.68**	**.54**	**.44**
652-MFR700	MF-R700	B	30	40	7.00	14.00	0.005	0.02	0.03	22.10	29.79	10.16	**.83**	**.70**	**.55**	**.45**
652-MFR800	MF-R800	B	30	40	8.00	16.00	0.005	0.02	0.03	24.21	32.89	10.16	**.86**	**.72**	**.57**	**.46**
652-MFR900	MF-R900	B	30	40	9.00	18.00	0.005	0.01	0.02	24.21	32.89	10.16	**.88**	**.73**	**.58**	**.47**

MF-RX SERIES

Features:

- Radial leaded devices
- Cured, flame retardant epoxy polymer insulating material meets UL94V-0 requirements

Applications:

Almost anywhere there is a low voltage power supply, up to 60V and a load to be protected including:

- Security and fire alarm systems
- Loud speakers
- Power transformers

For quantities greater than listed, call for quote.

652-MFRX110	MF-RX110	C	60	40	1.10	2.20	0.15	0.25	0.38	13.00	18.01	5.08	**.53**	**.44**	**.35**	**.29**
652-MFRX135	MF-RX135	C	60	40	1.35	2.70	0.12	0.19	0.30	14.50	19.61	5.08	**.53**	**.44**	**.35**	**.29**
652-MFRX185	MF-RX185	C	60	40	1.85	3.70	0.08	0.12	0.19	17.81	22.89	5.08	**.61**	**.51**	**.40**	**.33**
652-MFRX300	MF-RX300	C	60	40	3.00	6.00	0.04	0.06	0.10	24.89	29.97	10.16	**.63**	**.53**	**.42**	**.34**
652-MFRX375	MF-RX375	C	60	40	3.75	7.50	0.03	0.05	0.08	28.45	33.53	10.16	**.75**	**.63**	**.50**	**.41**

MF-SM SERIES

Features:

- Surface mount devices
- Fully compatible with current industry standards
- Packaged per EIA 481-2 standard
- Patents pending

Applications:

Almost anywhere there is a low voltage power supply and a load to be protected including:

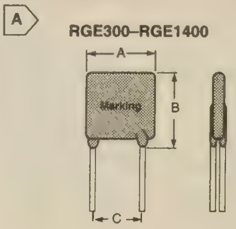
- Computers and peripherals
- General electronics
- Automotive applications

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Max Volt.	I max. Amps	Rated Current Amps @ 23°C		Initial Resist. Ω @ 23°C		Post-Trip Resist.	Dimensions mm						Price Each			
					Hold	Trip	Min.	Max.		A (max.)	B (max.)	C (max.)	D (max.)	E (max.)	F (max.)	1	100	500	1000
652-MFSM050-2	MF-SM050-2	D	60	10	0.50	1.00	0.35	0.70	1.40	7.98	3.18	5.44	.71	2.41	.43	**.58**	**.49**	**.39**	**.31**
652-MFSM075-2	MF-SM075-2	D	30	40	0.75	1.50	0.35	0.70	1.00	7.98	3.18	5.44	.71	2.41	.43	**.58**	**.49**	**.39**	**.31**
652-MFSM100-2	MF-SM100-2	D	30	40	1.00	2.20	0.12	0.24	0.48	7.98	3.00	5.44	.71	2.41	.43	**.58**	**.49**	**.39**	**.31**
652-MFSM125-2	MF-SM125-2	D	15	40	1.25	2.50	0.07	0.14	0.25	7.98	3.00	5.44	.71	2.41	.43	**.58**	**.49**	**.39**	**.31**
652-MFSM150-2	MF-SM150-2	D	15	40	1.50	3.00	0.06	0.12	0.25	9.50	3.00	6.71	.71	3.94	.43	**.61**	**.51**	**.40**	**.33**
652-MFSM200-2	MF-SM200-2	D	15	40	2.00	4.00	0.05	0.10	0.125	9.50	3.00	6.71	.71	3.94	.43	**.61**	**.51**	**.40**	**.33**
652-MFSM250-2	MF-SM250-2	D	15	40	2.50	5.00	0.035	0.08	0.085	9.50	3.00	6.71	.71	3.94	.43	**.61**	**.51**	**.40**	**.33**
652-MFSM260-2	MF-SM260-2	D	6	40	2.60	5.20	0.025	0.075	0.075	7.98	3.00	5.44	.71	2.41	.43	**.61**	**.51**	**.40**	**.33**

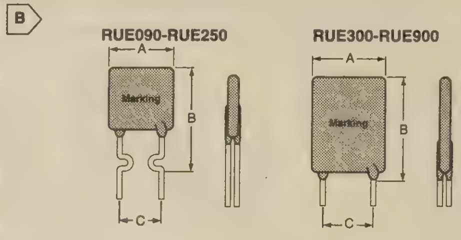
tyco Electronics Raychem PolySwitch Resettable Fuses

DIMENSIONS mm (in.)



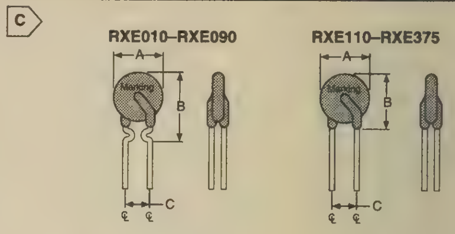
Lead size
RGE300-RGE1100
Ø 0.81 (0.032)
20AWG

Lead size
RGE1400
Ø 1.0 (0.04)
18AWG



Lead size
RUE090-250
Ø 0.51 (0.20)
24AWG

Lead size
RUE300-900
Ø 0.81 (0.032)
20AWG



Lead size
RXE010-090
Ø 0.51 (0.020)
24AWG

Lead size
RXE110-375
Ø 0.81 (0.032)
20AWG

Raychem resettable fuses utilize a ploymer based, positive temperature coefficient (PTC) material to protect electrical circuits against overcurrent conditions. In normal operations, the PTC has many conductive paths and a very low resistance. In overcurrent conditions, the temperature of the polymer material rises. This dramatically reduces the conductive paths resulting in an immediate rise in resistance. In this condition the device provides circuit preotection by significantly limiting the flow of current. Once the cause of the initial overcurrent condition is eliminated, the PTC cools down and RESETS to a low resistance value permitting the normal current to resume.

NEW!

RGE SERIES

This product line can be used in a wide variety of automotive, computer and general electronics applications. The RGE devices feature high current carrying capability (up to 14 amps) in a small package with fast trip times.

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Max Volt.	Current Rating @ 20°C			RMin Initial (Ohms)	Dimensions mm (inches)			Price Each			
			Hold	Trip	Max		A	B	C	1	100	500	1000
650-RGE300	A	16V	3.00	5.10	100	0.034	7.1 (0.28)	11 (0.43)	5.1 (0.20)	.65	.59	.46	.40
650-RGE500	A	16V	5.00	8.50	100	0.014	10.4 (0.41)	14.3 (0.56)	5.1 (0.20)	.67	.61	.47	.41
650-RGE700	A	16V	7.00	11.90	100	0.006	11.2 (0.44)	19.7 (0.78)	5.1 (0.20)	.76	.69	.54	.47
650-RGE900	A	16V	9.00	15.30	100	0.004	14 (0.55)	21.7 (0.85)	5.1 (0.20)	.89	.81	.64	.54
650-RGE1100	A	16V	11.00	18.70	100	0.003	17.5 (0.69)	26 (1.02)	5.1 (0.20)	1.10	1.00	.78	.67
650-RGE1400	A	16V	14.00	23.80	100	0.001	27.9 (1.10)	27.9 (1.10)	10.2 (0.40)	1.27	1.16	.90	.76

NEW!

RUE SERIES

These devices are designed to be used in a wide variety of general electronics applications. RUE devices complement the RXE line by providing a smaller form factor with lower resistance and higher hold current capability (up to 9 amps).

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Max Volt.	Current Rating @ 20°C			RMin Initial (Ohms)	Dimensions mm (inches)			Price Each			
			Hold	Trip	Max		A	B	C	1	100	500	1000
650-RUE090	B	30V	0.90	1.80	40	0.070	7.4 (0.29)	12.2 (0.48)	5.1 (0.20)	.56	.51	.46	.35
650-RUE110	B	30V	1.10	2.20	40	0.050	7.4 (0.29)	14.2 (0.56)	5.1 (0.20)	.56	.51	.46	.35
650-RUE135	B	30V	1.35	2.70	40	0.040	8.9 (0.35)	15.2 (0.60)	5.1 (0.20)	.56	.51	.46	.35
650-RUE160	B	30V	1.60	3.20	40	0.030	8.9 (0.35)	15.2 (0.60)	5.1 (0.20)	.62	.56	.48	.37
650-RUE185	B	30V	1.85	3.70	40	0.030	10.2 (0.40)	15.7 (0.62)	5.1 (0.20)	.66	.60	.49	.40
650-RUE250	B	30V	2.50	5.00	40	0.020	11.4 (0.45)	18.3 (0.72)	5.1 (0.20)	.70	.64	.50	.42
650-RUE300	B	30V	3.00	6.00	40	0.020	11.4 (0.45)	17.3 (0.68)	5.1 (0.20)	.74	.68	.53	.45
650-RUE400	B	30V	4.00	8.00	40	0.010	14.0 (0.55)	20.1 (0.79)	5.1 (0.20)	.87	.79	.62	.53
650-RUE500	B	30V	5.00	10.00	40	0.010	14.0 (0.55)	24.9 (0.98)	10.2 (0.40)	.92	.83	.65	.55
650-RUE600	B	30V	6.00	12.00	40	0.005	16.5 (0.65)	24.9 (0.98)	10.2 (0.40)	.96	.87	.68	.58
650-RUE700	B	30V	7.00	14.00	40	0.005	19.1 (0.75)	26.7 (1.05)	10.2 (0.40)	1.00	.92	.71	.61
650-RUE800	B	30V	8.00	16.00	40	0.005	21.6 (0.85)	29.2 (1.15)	10.2 (0.40)	1.10	.96	.75	.63
650-RUE900	B	30V	9.00	18.00	40	0.005	24.1 (0.95)	29.7 (1.17)	10.2 (0.40)	1.10	1.00	.80	.68

NEW!

RXE SERIES

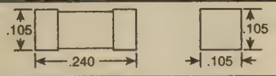
These products function as a general-purpose line of resettable fuses and are well suited for power supplies, alarm systems, speakers, motors, and many other applications. Products range in hold currents from 0.10 amps to 3.75 amps and complement our RUE devices by providing a higher voltage rating.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Max Volt.	Current Rating @ 20°C			RMin Initial (Ohms)	Dimensions mm (inches)			Price Each			
			Hold	Trip	Max		A	B	C	1	100	500	1000
650-RXE010	C	60V	0.10	0.20	40	2.50	7.4 (0.29)	12.7 (0.50)	5.1 (0.20)	.55	.50	.39	.33
650-RXE017	C	60V	0.17	0.34	40	3.30	7.4 (0.29)	12.7 (0.50)	5.1 (0.20)	.50	.46	.36	.32
650-RXE020	C	60V	0.20	0.40	40	1.83	7.4 (0.29)	12.2 (0.48)	5.1 (0.20)	.50	.46	.36	.32
650-RXE025	C	60V	0.25	0.50	40	1.25	7.4 (0.29)	12.7 (0.50)	5.1 (0.20)	.50	.46	.36	.32
650-RXE030	C	60V	0.30	0.60	40	0.88	7.4 (0.29)	13.0 (0.51)	5.1 (0.20)	.50	.46	.36	.32
650-RXE040	C	60V	0.40	0.80	40	0.55	7.6 (0.30)	13.5 (0.53)	5.1 (0.20)	.55	.50	.39	.35
650-RXE050	C	60V	0.50	1.00	40	0.50	7.9 (0.31)	13.7 (0.54)	5.1 (0.20)	.55	.50	.39	.35
650-RXE065	C	60V	0.65	1.30	40	0.31	9.7 (0.38)	14.5 (0.57)	5.1 (0.20)	.56	.51	.40	.36
650-RXE075	C	60V	0.75	1.50	40	0.25	10.4 (0.41)	15.2 (0.60)	5.1 (0.20)	.56	.51	.40	.36
650-RXE090	C	60V	0.90	1.80	40	0.20	11.7 (0.46)	15.8 (0.62)	5.1 (0.20)	.58	.53	.41	.37
650-RXE110	C	60V	1.10	2.20	40	0.15	13.0 (0.51)	18.0 (0.71)	5.1 (0.20)	.67	.61	.48	.41
650-RXE160	C	60V	1.60	3.20	40	0.09	16.3 (0.64)	21.3 (0.84)	5.1 (0.20)	.70	.63	.49	.41
650-RXE185	C	60V	1.85	3.70	40	0.08	17.8 (0.70)	22.9 (0.90)	5.1 (0.20)	.72	.65	.51	.43
650-RXE250	C	60V	2.50	5.00	40	0.05	21.3 (0.84)	26.4 (1.04)	10.2 (0.40)	.82	.75	.59	.50
650-RXE300	C	60V	3.00	6.00	40	0.04	24.9 (0.98)	30.0 (1.18)	10.2 (0.40)	.87	.79	.62	.53
650-RXE375	C	60V	3.75	7.50	40	0.03	28.5 (1.12)	33.5 (1.32)	10.2 (0.40)	.87	.79	.62	.53

Littelfuse® Fuses

NANO^2 SURFACE MOUNT FUSES



Very Fast Acting Fuse, 451000 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5762-451.250	451.250	.250	125	1.16	1.03	.94
5762-451.500	451.500	.500	125	1.16	1.03	.94
5762-451.750	451.750	.750	125	.86	.77	.70
5762-451001	451 001	1	125	.86	.77	.70
5762-45101.5	45101.5	1.5	125	.86	.77	.70
5762-451002	451 002	2	125	.86	.77	.70
5762-451003	451 003	3	125	.86	.77	.70
5762-45102.5	45102.5	2.5	125	.86	.77	.70
5762-451004	451 004	4	125	.86	.77	.70
5762-451005	451 005	5	125	.86	.77	.70
5762-451010	451 010	10	125	.86	.77	.70
5762-451015	451 015	15	125	1.35	1.21	1.09

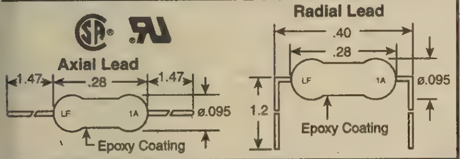
Slo-Blo Fuse, 452000 Series

For quantities greater than listed, call for quote.

5762-452001	452 001	1	125	1.34	1.19	1.09

PICO® II FAST-ACTING SUBMINIATURE FUSES

The PICO® II is the first subminiature overcurrent protection component that makes maximum use of limited board space.



Axial Lead

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5761-51062	251.062	1/16	125	1.09	.99	.85
5761-51125	251.125	1/8	125	.97	.89	.76
5761-51250	251.250	1/4	125	.96	.88	.76
5761-51375	251.375	3/8	125	.96	.88	.76
5761-51500	251.500	1/2	125	.94	.86	.76
5761-51750	251.750	3/4	125	.73	.68	.59
5761-51001	251 001	1	125	.73	.68	.59
5761-51112	25101.5	1 1/2	125	.73	.68	.59
5761-51002	251 002	2	125	.75	.69	.59
5761-51212	25102.5	2 1/2	125	.75	.69	.59
5761-51003	251 003	3	125	.75	.69	.59
5761-51312	25103.5	3 1/2	125	.75	.69	.59
5761-51004	251 004	4	125	.75	.69	.59
5761-51005	251 005	5	125	.74	.67	.59
5761-51007	251 007	7	125	.76	.69	.59
5761-51010	251 010	10	125	.74	.67	.59
5761-51012	251 012	12	32	1.25	1.15	.98
5761-51015	251 015	15	32	1.25	1.15	.98

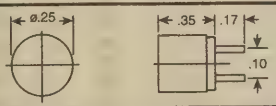
Radial Lead

For quantities greater than listed, call for quote.

5761-52125	252.125	1/8	125	.97	.89	.76
5761-52250	252.250	1/4	125	.96	.88	.76
5761-52375	252.375	3/8	125	.96	.88	.76
5761-52500	252.500	1/2	125	.94	.86	.76
5761-52750	252.750	3/4	125	.73	.68	.59
5761-52001	252 001	1	125	.73	.68	.59
5761-52112	25201.5	1 1/2	125	.73	.68	.59
5761-52002	252 002	2	125	.75	.69	.59
5761-52003	252 003	3	125	.75	.69	.59
5761-52004	252 004	4	125	.75	.69	.59
5761-52005	252 005	5	125	.74	.67	.59
5761-52010	252 010	10	125	.74	.67	.59

MICRO™ FUSE 273 SERIES VERY FAST-ACTING SUBMINIATURE FUSES

Provides reliability in extra compact design. Available in plug-in lead style and a complete range of ampere ratings from 1/500 to 5 amp to suit a wide variety of design needs.



For quantities greater than listed, call for quote.

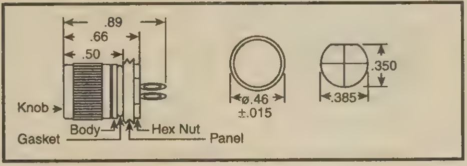
MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5761-73120	273.005	1/200	125	4.74	4.38	4.03
5761-73020	273.050	1/20	125	1.59	1.47	1.35
5761-73100	273.100	1/10	125	2.58	2.20	2.02
5761-73112	27301.5	1 1/2	125	1.59	1.47	1.35

RF SHIELDED 282 SERIES MICRO™ FUSE FUSE HOLDER

Space saving. Screw-on drip-proof knob construction permits use when presence of moisture exists at front of panels.

Specifications:

- Electrical: rated at 5 amp for any voltage up to 125V
- Panel thickness (max): .093
- Housing, knob, and nut: aluminum, untreated
- Chromate finish for RF shielding



For quantities greater than listed, call for quote.

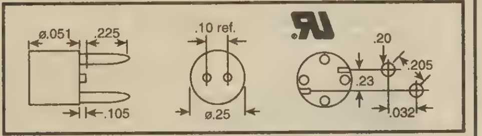
MOUSER STOCK NO.	Mounting	Price Each		
		1	100	500
5767-82001	Front Panel	8.43	7.91	7.64

MICRO™ FUSE/PICO® II 281 SERIES PCB FUSE HOLDER

Will accept Littelfuse Microfuse and PICO® II fuses (rated to 5 amp) with .025" diameter leads.

Specifications:

- Electrical: rated @ 5 amp, for any voltage up to 125V
- Terminals: silver plated, copper alloy
- Molded parts: white thermoplastic
- Ambient temperature: -40°C to +100°C

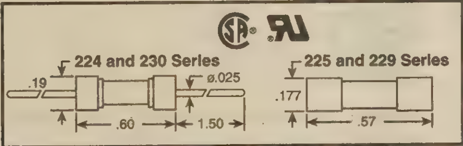


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mounting	Price Each		
		1	100	500
5767-81005	Vertical	1.42	1.26	1.01

2AG FUSES

The 2AG fuse provides the same performance characteristics as the universal standard 3AG design in less than one-third the space.



224 Series (Axial Lead) Fast-Acting Fuses

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5760-24250	224.250	1/4	250	.74	.69	.63
5760-24375	224.375	3/8	250	.74	.69	.63
5760-24500	224.500	1/2	250	.57	.53	.48
5760-24750	224.750	3/4	250	.57	.53	.48
5760-24001	224 001	1	250	.57	.53	.48
5760-24002	224 002	2	250	.57	.53	.48
5760-24003	224 003	3	250	.57	.53	.48
5760-24004	224 004	4	125	.57	.53	.48
5760-24005	224 005	5	125	.57	.53	.48

225 Series Fast-Acting Fuses

For quantities greater than listed, call for quote.

5760-25125	225.125	1/8	250	.56	.52	.48
5760-25250	225.250	1/4	250	.56	.52	.48
5760-25500	225.500	1/2	250	.40	.36	.33
5760-25001	225 001	1	250	.40	.36	.33
5760-25112	22501.5	1 1/2	250	.40	.36	.33
5760-25002	225 002	2	250	.40	.36	.33
5760-25003	225 003	3	250	.40	.36	.33
5760-25004	225 004	4	125	.40	.36	.33
5760-25005	225 005	5	125	.40	.36	.33

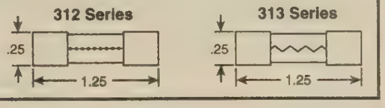
230 Series (Axial Lead) Slo-Blo Fuses

For quantities greater than listed, call for quote.

5760-30250	230.250	1/4	250	.69	.63	.53
5760-30500	230.500	1/2	250	.68	.62	.53
5760-30750	230.750	3/4	250	.68	.62	.53
5760-30001	230 001	1	250	.68	.62	.53
5760-30002	230 002	2	250	.69	.63	.53
5760-30312	23003.5	3 1/2	250	.69	.63	.53
5760-30004	230 004	4	125	.69	.63	.53
5760-30005	230 005	5	125	.70	.64	.53

3AG FUSES

A standard for cost effective reliability and performance in circuit protection, the 3AG fuse satisfies a broad range of application requirements.



312 Series Fast-Acting Fuses

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5760-12062	312.062	1/16	250	.93	.85	.73
5760-12125	312.125	1/8	250	.93	.85	.73
5760-12175	312.175	.175	250	.93	.85	.73
5760-12187	312.187	3/16	250	.93	.85	.73
5760-12250	312.250	1/4	250	.57	.53	.45
5760-12300	312.300	3/10	250	.58	.54	.45
5760-12375	312.375	3/8	250	.58	.54	.45
5760-12500	312.500	1/2	250	.39	.35	.30
5760-12750	312.750	3/4	250	.39	.35	.31
5760-12001	312 001	1	250	.24	.22	.19
5760-12114	3121.25	1 1/4	250	.25	.23	.20
5760-12112	31201.5	1 1/2	250	.25	.23	.20
5760-12002	312 002	2	250	.25	.23	.20
5760-12212	31202.5	2 1/2	250	.25	.23	.20
5760-12003	312 003	3	250	.24	.22	.19
5760-12004	312 004	4	250	.38	.35	.31
5760-12005	312 005	5	250	.38	.35	.31
5760-12006	312 006	6	250	.39	.36	.31
5760-12007	312 007	7	250	.39	.36	.31
5760-12008	312 008	8	250	.53	.48	.42
5760-12010	312 010	10	250	.52	.47	.42

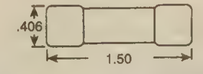
313 Series Slo-Blo® Fuses

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5760-13031	313.031	1/32	250	1.88	1.72	1.46
5760-13062	313.062	1/16	250	1.49	1.36	1.16
5760-13100	313.100	1/10	250	1.49	1.36	1.16
5760-13125	313.125	1/8	250	1.47	1.35	1.16
5760-13200	313.200	2/10	250	1.49	1.36	1.16
5760-13250	313.250	1/4	250	.87	.80	.70
5760-13300	313.300	3/10	250	.90	.82	.70
5760-13375	313.375	3/8	250	.90	.82	.70
5760-13400	313.400	4/10	250	.90	.82	.70
5760-13500	313.500	1/2	250	.83	.76	.67
5760-13600	313.600	6/10	250	.86	.79	.67
5760-13700	313.700	7/10	250	.86	.79	.67
5760-13750	313.750	3/4	250	.86	.79	.67
5760-13800	313.800	8/10	250	.86	.79	.67
5760-13001	313 001	1	250	.83	.76	.67
5760-13114	3131.25	1 1/4	250	.65	.60	.51
5760-13112	31301.5	1 1/2	250	.64	.59	.51
5760-13161	31301.6	1 6/10	250	.65	.60	.51
5760-13002	313 002	2	250	.63	.58	.51
5760-13212	31302.5	2 1/2	250	.65	.60	.51
5760-13003	313 003	3	250	.64	.59	.51
5760-13321	31303.2	3 2/10	250	.65	.60	.51
5760-13004	313 004	4	250	.65	.60	.51
5760-13005	313 005	5	250	.64	.59	.51
5760-13614	3136.25	6 1/4	250	.65	.60	.51
5760-13007	313 007	7	250	.65	.60	.51
5760-13008	313 008	8	250	.65	.60	.51
5760-13010	313 010	10	32	.87	.80	.68
5760-13012	313 012	12	32	.87	.80	.68
5760-13015	313 015	15	32	.87	.80	.68
5760-13020	313 020	20	32	.87	.80	.68
5760-13025	313 025	25	32	.87	.80	.68
5760-13030	313 030	30	32	.87	.80	.68

KLK SERIES MIDGET AC FAST ACTING FUSES

- For circuits with high AC fault capacity
- 100,000 amp interrupting rating



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	10	100
5766-KK006	KLK6	6	600	6.12	5.92	5.71
5766-KK020	KLK20	20	600	6.12	5.92	5.71

Fuses and Holders

AUTOFUSE® FUSES AND HOLDERS

ATO® Fast-Acting Fuses

Designed and originated by Littelfuse for the automotive industry, the ATO® fuse has become the original equipment circuit protection standard for foreign and domestic automobiles and trucks. Readily identifiable and easily replaced, this fuse can be specified for a variety of low voltage electronic applications.

- Voltage rating: 32V

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Littelfuse Type	Amp (A)	Color	Price Each		
					1	100	500
5768-57001	A	257001	1	Black	.29	.26	.24
5768-57002	A	257002	2	Gray	.29	.26	.24
5768-57003	A	257003	3	Violet	.29	.26	.24
5768-57004	A	257004	4	Pink	.29	.26	.24
5768-57005	A	257005	5	Tan	.29	.26	.24
5768-5707.5	A	25707.5	7.5	Brown	.29	.26	.24
5768-57010	A	257010	10	Red	.29	.26	.24
5768-57015	A	257015	15	Blue	.29	.26	.24
5768-57020	A	257020	20	Yellow	.29	.26	.24
5768-57025	A	257025	25	Natural	.29	.26	.24
5768-57030	A	257030	30	Green	.29	.26	.24
5768-57035	A	257035	35	Blue/Grn	.29	.26	.24
5768-57040	A	257040	40	Amber	.29	.26	.24

MINI® Fast-Acting Fuses

The MINI® fuse is smaller than the ATO® fuse, which permits more fuses in the same amount of space. More fuses in the same space satisfy the requirement that more circuits be individually fused in newer automobiles.

- Materials: plastic body, silver plated terminals
- Voltage rating: 32V

For quantities greater than listed, call for quote.

5768-97002	B	297002	2	Gray	.33	.30	.28
5768-97003	B	297003	3	Violet	.33	.30	.28
5768-97004	B	297004	4	Pink	.33	.30	.28
5768-97005	B	297005	5	Tan	.33	.30	.28
5768-9707.5	B	29707.5	7.5	Brown	.33	.30	.28
5768-97010	B	297010	10	Red	.33	.30	.28
5768-97015	B	297015	15	Blue	.33	.30	.28
5768-97020	B	297020	20	Yellow	.33	.30	.28
5768-97025	B	297025	25	Natural	.33	.30	.28
5768-97030	B	297030	30	Green	.33	.30	.28

In-Line Fuseholder for ATO® Fuses

Specifications:

- Electrical: for use with 32V ATO® fuses rated to 20A or 30A
- Mounting: snap mounting to panel from rear; interlock for multiple mounting
- Body: black thermoplastic
- Terminals: brass, tin plated, snap-lock into body
- Ambient temperature: -40°C to +85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Littelfuse Type	Description	Price Each		
				1	100	500
5768-55300	C	155300	Assembled with 8" wire loop, 14AWG	1.49	1.29	1.20

In-Line Easy Crimp Fuseholder for MINI® Fuses

Use standard crimping tool and crimp the matted area to secure wire.

Specifications:

- Terminals: copper alloy, tin plated
- Body: black thermoplastic
- Operating temperature: -40°C to +105°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Littelfuse Type	Description	Price Each		
				1	100	500
5768-53002	F	153002	16-22AWG stranded wire	1.48	1.10	.99

PC Board Mount Fuseholders for MINI® Fuses

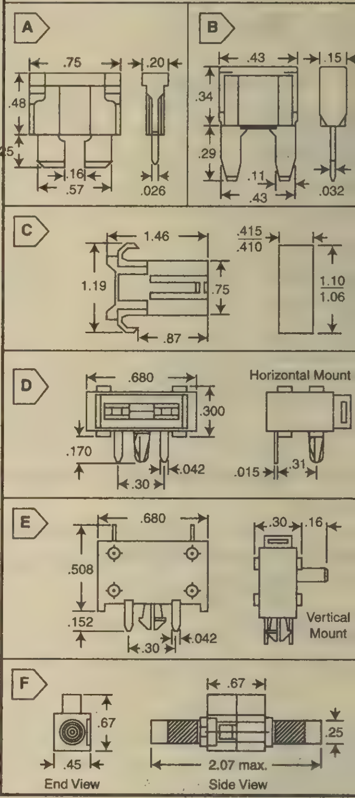
Specifications:

- Electrical: rated 32VDC
- Mounting: available in horizontal or stackable vertical
- Body: black thermoplastic
- Terminals: copper alloy, tin plated
- Compatibility: standard .062" PCB thickness
- Ambient temperature: -40°C to +85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Littelfuse Type	Mounting	Price Each		
				1	100	500
5768-53007	D	153007	Horizontal	1.53	1.23	1.11
5768-53009	E	153009	Stackable vertical	1.53	1.23	1.11

DIMENSIONS (IN.)



INDICATING/ALARM FAST-ACTING FUSES

For telecommunications equipment and similar applications.

Specifications:

- Indicator flag: color-coded to indicate amp rating
- Body: black phenolic with UL 94V0 flammability rating
- Contacts: bright alloy-plated beryllium copper
- Voltage rating: 125VAC, 60VDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Littelfuse Type	Amp (A)	Flag Color	Price Each		
					1	100	500
5764-81180	G	481.180	.18	Yellow	1.03	.93	.86
5764-81250	G	481.250	.25	Violet	1.03	.93	.86
5764-81500	G	481.500	.50	Red	1.03	.93	.86
5764-81650	G	481.650	.65	Black	1.03	.93	.86
5764-81750	G	481.750	.75	Brown	1.03	.93	.86
5764-81001	G	481001	1	Gray	1.03	.93	.86
5764-810133	G	4811.33	1.3	White	1.03	.93	.86
5764-81015	G	48101.5	1.5	Yel/Wh	1.03	.93	.86
5764-81002	G	481002	2	Orange	1.03	.93	.86
5764-81003	G	481003	3	Blue	1.03	.93	.86
5764-81035	G	48103.5	3.5	Blue/Wh	1.03	.93	.86

FUSES (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Littelfuse Type	Amp (A)	Flag Color	Price Each		
					1	100	500
5764-81004	G	481004	4	Brn/Wh	1.03	.93	.86
5764-81005	G	481005	5	Green	1.03	.93	.86
5764-81075	G	48107.5	7.5	Blk/Wh	1.03	.93	.86
5764-81010	G	481010	10	Red/Wh	1.03	.93	.86

PANEL MOUNT FUSEHOLDER FOR INDICATING/ALARM FUSES

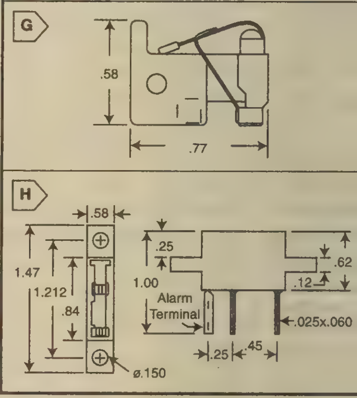
Specifications:

- Electrical: rated @ 10A for any voltage up to 125VAC, 60VDC
- Body: black phenolic with UL 94V0 flammability rating
- Terminals: brass, tin plated, wire wrap type
- Ambient temperature: -40°C to +85°C

For quantities greater than listed, call for quote.

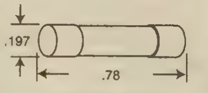
MOUSER STOCK NO.	Fig.	Littelfuse Type	Mounting	Price Each		
				1	100	500
5767-02001	H	402001	Panel mount	1.89	1.65	1.52

DIMENSIONS (IN.)



5mm x 20mm FUSES

Electrical Characteristics	
% of Amp Rating	Opening Time
110% 135% 200%	4 hours min. 1 hour max. 5 seconds max.



DIMENSIONS (IN.)

235 Series Fast-Acting Fuses

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-35100	235.100	.10	250	.75	.68	.63
5765-35125	235.125	.125	250	.75	.68	.63
5765-35200	235.200	.20	250	.75	.68	.63
5765-35250	235.250	.25	250	.75	.68	.63

235 Series Fast-Acting Fuses (cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-35300	235.300	.30	250	.75	.68	.63
5765-35400	235.400	.40	250	.75	.68	.63
5765-35500	235.500	.50	250	.39	.35	.33
5765-35600	235.600	.60	250	.39	.35	.33
5765-35700	235.700	.70	250	.39	.35	.33
5765-35800	235.800	.80	250	.39	.35	.33
5765-35001	235001	1	250	.37	.31	.28
5765-35114	2351.25	1.25	250	.37	.31	.28
5765-35161	23501.6	1.60	250	.37	.31	.28
5765-35002	235002	2	250	.37	.31	.28
5765-35212	23502.5	2.50	250	.37	.31	.28
5765-35003	235003	3	125	.37	.31	.28
5765-35004	235004	4	125	.37	.31	.28
5765-35005	235005	5	125	.37	.31	.28
5765-35006	235006	6	125	.37	.31	.28

239 Series Slo-Blo® Fuses

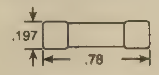
For quantities greater than listed, call for quot

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-39200	239.200	.20	250	.80	.72	.66
5765-39250	239.250	.25	250	.80	.72	.66
5765-39300	239.300	.30	250	.80	.72	.66
5765-39400	239.400	.40	250	.80	.72	.66
5765-39500	239.500	.50	250	.80	.72	.66
5765-39600	239.600	.60	250	.80	.72	.66
5765-39700	239.700	.70	250	.80	.72	.66
5765-39800	239.800	.80	250	.80	.72	.66
5765-39001	239001	1	250	.80	.72	.66
5765-39114	2391.25	1.25	250	.80	.72	.66
5765-39161	23901.6	1.60	250	.80	.72	.66
5765-39002	239002	2	250	.80	.72	.66
5765-39212	23902.5	2.50	250	.80	.72	.66
5765-39003	239003	3	250	.80	.72	.66
5765-39004	239004	4	125	.80	.72	.66

Littelfuse® Fuses, Holders, and Surge Arrestors

mm x 20mm FUSES Designed to IEC Standard

* The interrupting rating is the maximum current, at the rated voltage, that the fuse can safely open without the possibility of rupturing.



DIMENSIONS (IN.)

16 Series Fast Acting Fuses

1500 amp interrupting rating *

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-16125	216.125	.125	250	1.02	.94	.81
5765-16200	216.200	.200	250	1.02	.94	.81
5765-16315	216.315	.315	250	1.02	.94	.81
5765-16400	216.400	.400	250	1.02	.94	.81
5765-16114	2161.25	1.25	250	1.02	.94	.81
5765-16316	2163.15	3.15	250	1.02	.94	.81
5765-16631	21606.3	6.3	250	1.02	.94	.81
5765-16010	216 010	10	250	1.16	1.06	.91

17 Series Fast Acting Fuses

35 amp interrupting rating *

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-17125	217.125	.125	250	1.18	1.08	.95
5765-17200	217.200	.200	250	.74	.67	.58
5765-17250	217.250	.250	250	.74	.67	.58
5765-17400	217.400	.400	250	.74	.67	.58
5765-17500	217.500	.500	250	.22	.20	.17
5765-17630	217.630	.630	250	.22	.20	.17
5765-17800	217.800	.800	250	.22	.20	.17
5765-17001	217 001	1	250	.22	.20	.17
5765-17114	2171.25	1.25	250	.22	.20	.17
5765-17161	21701.6	1.6	250	.22	.20	.17
5765-17002	217 002	2	250	.22	.20	.17
5765-17212	21702.5	2.5	250	.22	.20	.17
5765-17316	2173.15	3.15	250	.22	.20	.17
5765-17004	217 004	4	250	.22	.20	.17
5765-17005	217 005	5	250	.22	.20	.17
5765-17631	21706.3	6.3	250	.22	.20	.17
5765-17008	217 008	8	250	.89	.81	.69
5765-17010	217 010	10	250	.89	.81	.69

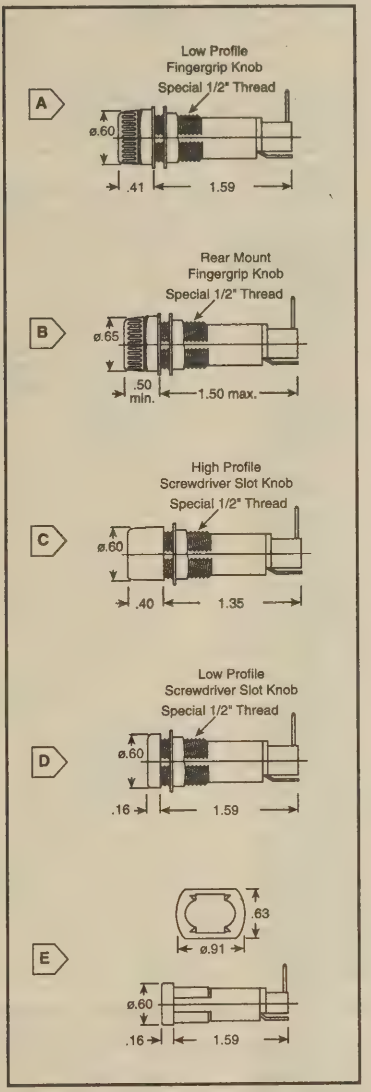
218 Series SLO-BLO® Fuses

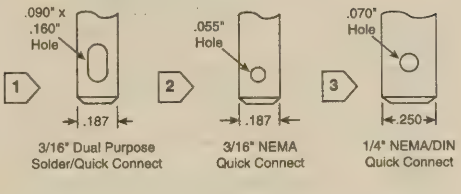
- 35 amp interrupting rating *

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Littelfuse Type	Amp (A)	Volt (V)	Price Each		
				1	100	500
5765-18063	218.063	.063	250	1.52	1.39	1.22
5765-18125	218.125	.125	250	.93	.85	.74
5765-18200	218.200	.200	250	.93	.85	.74
5765-18250	218.250	.250	250	.93	.85	.74
5765-18400	218.400	.400	250	.93	.85	.74
5765-18500	218.500	.500	250	.67	.62	.53
5765-18630	218.630	.630	250	.67	.62	.53
5765-18800	218.800	.800	250	.67	.62	.53
5765-18001	218 001	1	250	.67	.62	.53
5765-18114	2181.25	1.25	250	.67	.62	.53
5765-18161	21801.6	1.6	250	.67	.62	.53
5765-18002	218 002	2	250	.67	.62	.53
5765-18212	21802.5	2.5	250	.67	.62	.53
5765-18316	2183.15	3.15	250	.67	.62	.53
5765-18004	218 004	4	250	.67	.62	.53
5765-18005	218 005	5	250	.67	.62	.53
5765-18631	21806.3	6.3	250	.67	.62	.53
5765-18008	218 008	8	250	.93	.85	.73
5765-18010	218 010	10	250	.93	.85	.73

INTERNATIONAL SHOCK-SAFE FUSE HOLDERS





- Designed to IEC standard
- Panel mount type

For 3AG Fuses, Right Angle Terminals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Term. Type	Size	Price Each		
				1	100	500
5767-345311	A	1	3/16"	1.89	1.68	1.52
5767-345313	A	2	3/16"	1.89	1.68	1.52
5767-345317	A	3	1/4"	2.01	1.79	1.62
5767-345321	B	1	3/16"	2.01	1.79	1.62
5767-345323	B	2	3/16"	2.01	1.79	1.62
5767-345327	B	3	1/4"	2.13	1.90	1.72
5767-345331	C	1	3/16"	1.89	1.68	1.52
5767-345333	C	2	3/16"	1.89	1.68	1.52
5767-345337	C	3	1/4"	2.01	1.79	1.62
5767-345341	D	1	3/16"	1.89	1.68	1.52
5767-345343	D	2	3/16"	1.89	1.68	1.52
5767-345347	D	3	1/4"	2.01	1.79	1.62
5767-345357	E	3	1/4"	2.13	1.90	1.72

For 5mm x 20mm Fuses, Right Angle Terminals

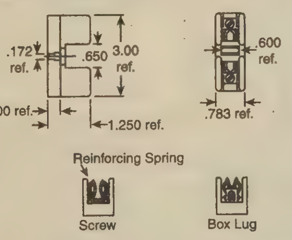
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Term. Type	Size	Price Each		
				1	100	500
5767-345511	A	1	3/16"	2.14	1.91	1.73
5767-345513	A	2	3/16"	2.14	1.91	1.73
5767-345517	A	3	1/4"	2.27	2.02	1.83
5767-345521	B	1	3/16"	2.27	2.02	1.83
5767-345523	B	2	3/16"	2.27	2.02	1.83
5767-345527	B	3	1/4"	2.39	2.13	1.93
5767-345531	C	1	3//16"	2.14	1.91	1.73
5767-345533	C	2	3/16"	2.14	1.91	1.73
5767-345537	C	3	1/4"	2.27	2.02	1.83
5767-345541	D	1	3/16"	2.14	1.91	1.73
5767-345543	D	2	3/16"	2.14	1.91	1.73
5767-345547	D	3	1/4"	2.27	2.02	1.83
5767-345551	E	1	3/16"	2.27	2.02	1.83
5767-345553	E	2	3/16"	2.27	2.02	1.83
5767-345557	E	3	1/4"	2.39	2.13	1.93

FUSE BLOCKS FOR 13/32" x 1 1/2" MIDGET FUSES

Features:

- 600 volt rating
- Inter-locking feature allows multiple pole capability
- Maximum wire size: box lug #6cu, screw #10cu



Box Lugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amp (A)	No. of Poles	Price Each		
			1	10	100
5767-63111	30	1	7.11	6.61	5.95
5767-63121	30	2	14.22	13.23	11.91
5767-63131	30	3	21.33	19.84	17.86

Screw Terminals

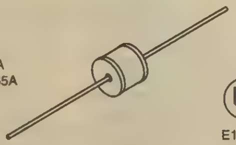
MOUSER STOCK NO.	Amp (A)	No. of Poles	Price Each		
			1	10	100
5767-63112	20	1	3.44	3.20	2.88
5767-63132	20	3	7.83	7.28	6.55

XICON™ Passive Components

GAS TUBE SURGE ARRESTORS

Features:

- Medium duty
- Two electrode
- Max. impulse discharge current (8/20µs): 10kA
- Max. AC discharge current (50Hz, 9 cycles): 65A
- Min. insulation resistance: 10^4MΩ
- Max. capacitance: 1.5pF
- AC(RMS) discharge current: 20A



E157510

For quantities greater than listed, call for quote.

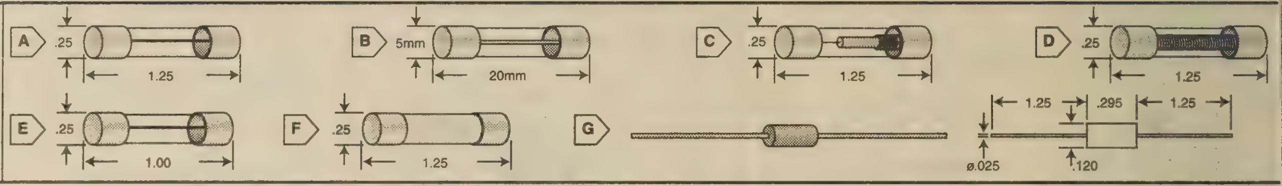
MOUSER STOCK NO.	DC Breakdown Voltage 100V/s (V)	Max. Impulse Breakdown Voltage 100V/µs (V)	DC Holdover Voltage (V)	Impulse Life 10/1000µs 500A (times)	Nom. DC Sparkover Voltage (V)	Price Each			
						1	10	100	500
444-GT-90L	72-108	500	50	400	90 +25%/-20%	2.80	2.45	1.96	1.75
444-GT-230L	195-265	500	115	400	230 ±20%	2.80	2.45	1.96	1.75
444-GT-350L	297-403	650	150	400	350 ±20%	2.80	2.45	1.96	1.75
444-GT-600L	480-720	1,000	150	200	600 +35%/-20%	2.80	2.45	1.96	1.75

Bussmann Fuses

All are UL Approved except where noted by an asterisk.

*

† Not UL Approved or Recognized



Standard 1/4 x 1-1/4 Fast Acting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each 1	100	500
504-AGC-1/16	A	1/16	250	1.48	1.11	1.06
504-AGC-1/8	A	1/8	250	.93	.70	.50
504-AGC-3/16	A	3/16	250	.93	.70	.50
504-AGC-2/10	A	2/10	250	.93	.70	.50
504-AGC-3/10	A	3/10	250	.25	.19	.13
504-AGC-1/4	A	1/4	250	.58	.43	.31
504-AGC-3/8	A	3/8	250	.58	.43	.31
504-AGC-1/2	A	1/2	250	.40	.30	.21
504-AGC-6/10	A	6/10	250	.40	.30	.21
504-AGC-3/4	A	3/4	250	.40	.30	.21
504-AGC-1	A	1	250	.25	.19	.13
504-AGC-1-1/4	A	1 1/4	250	.25	.19	.13
504-AGC-1-1/2	A	1 1/2	250	.25	.19	.13
504-AGC-1-3/4	A	1 3/4	250	.25	.19	.13
504-AGC-2	A	2	250	.25	.19	.13
504-AGC-2-1/4	A	2 1/4	250	.25	.19	.13
504-AGC-2-1/2	A	2 1/2	250	.25	.19	.13
504-AGC-3	A	3	250	.25	.19	.13
504-AGC-4	A	4	250	.40	.30	.21
504-AGC-5	A	5	250	.40	.30	.21
504-AGC-6	A	6	250	.40	.30	.21
504-AGC-7-1/2	A	7 1/2	250	.40	.30	.21
504-AGC-8	A	8	250	.40	.30	.21
504-AGC-10	A	10	250	.63	.47	.34
* 504-AGC-15	A	15	32	.27	.21	.15
* 504-AGC-20	A	20	32	.27	.21	.15
* 504-AGC-25	A	25	32	.27	.21	.15
* 504-AGC-30	A	30	32	.27	.21	.15
† 504-AGC-35	A	35	32	.27	.21	.15

5mm x 20mm Fast Acting Fuses

- Glass
- Accepted worldwide
- Recommended for new designs

For quantities greater than listed, call for quote.

504-GMA-63MA	B	63mA	250	.97	.73	.66
504-GMA-1/10	B	1/10	250	.57	.43	.31
504-GMA-1/8	B	1/8	250	.57	.43	.31
504-GMA-2/10	B	2/10	250	.57	.43	.31
504-GMA-1/4	B	1/4	250	.57	.43	.31
504-GMA-1/2	B	1/2	250	.31	.23	.18
504-GMA-3/4	B	3/4	250	.31	.23	.18
504-GMA-8/10	B	8/10	250	.31	.23	.18
504-GMA-1	B	1	250	.26	.19	.14
504-GMA-1-1/2	B	1 1/2	250	.26	.19	.14
504-GMA-2	B	2	250	.26	.19	.14
504-GMA-2-1/2	B	2 1/2	250	.26	.19	.14
504-GMA-3	B	3	250	.26	.19	.14
504-GMA-4	B	4	125	.26	.19	.14
504-GMA-5	B	5	125	.26	.19	.14
504-GMA-6	B	6	125	.26	.19	.14
* 504-GMA-7	B	7	125	.26	.19	.14
* 504-GMA-8	B	8	125	.26	.19	.14
* 504-GMA-10	B	10	125	.26	.19	.14
* 504-GMA-15	B	15	125	.26	.19	.14

Dual Element 1/4 x 1-1/4 Time Delay

For quantities greater than listed, call for quote.

504-MDQ-2	C	2	250	1.42	1.35	1.28
504-MDQ-3	C	3	250	1.42	1.35	1.28
504-MDQ-4	C	4	250	1.42	1.35	1.28
504-MDQ-5	C	5	250	1.42	1.35	1.28
504-MDQ-6	C	6	250	1.42	1.35	1.28

Standard 1/4 x 1-1/4 Time Delay

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each 1	100	500
† 504-MDL-1/100	D	1/100	250	1.92	1.76	- - -
† 504-MDL-1/32	D	1/32	250	1.92	1.76	- - -
504-MDL-1/16	D			1.48	1.12	.80
504-MDL-1/10	D	1/10	250	1.39	1.27	1.15
504-MDL-3/16	D	3/16	250	1.39	1.27	1.15
504-MDL-15/100	D	15/100	250	1.49	1.12	.80
504-MDL-1/8	D	1/8	250	1.39	1.27	1.15
504-MDL-2/10	D	2/10	250	.83	.76	.69
504-MDL-1/4	D	1/4	250	.86	.64	.46
504-MDL-3/10	D	3/10	250	.84	.77	.70
504-MDL-4/10	D	4/10	250	.84	.77	.70
504-MDL-8/10	D			.65	.49	.35
504-MDL-3/8	D	3/8	250	.84	.77	.70
504-MDL-1/2	D	1/2	250	.86	.64	.46
504-MDL-6/10	D	6/10	250	.86	.64	.46
504-MDL-3/4	D	3/4	250	.86	.64	.46
504-MDL-1	D	1	250	.86	.64	.46
504-MDL-1-2/10	D			.65	.49	.35
504-MDL-1-1/4	D	1 1/4	250	.65	.49	.35
504-MDL-1-1/2	D	1 1/2	250	.65	.49	.35
504-MDL-1-6/10	D	1 6/10	250	.65	.49	.35
504-MDL-1-8/10	D			.65	.49	.35
504-MDL-2	D	2	250	.65	.49	.35
504-MDL-2-1/4	D			.65	.49	.35
504-MDL-2-1/2	D	2 1/2	250	.65	.49	.35
504-MDL-3	D	3	250	.65	.49	.35
504-MDL-3-2/10	D	3 2/10	250	.65	.49	.35
504-MDL-3-1/2	D	3 1/2	250	.65	.49	.35
504-MDL-4	D	4	250	.65	.49	.35
504-MDL-5	D	5	250	.65	.49	.35
504-MDL-6-1/4	D	6 1/4	250	.65	.49	.35
504-MDL-7	D	7	250	.65	.49	.35
504-MDL-8	D	8	250	.65	.49	.35
* 504-MDL-10	D	10	32	.97	.72	.52
* 504-MDL-15	D	15	32	.97	.72	.52
* 504-MDL-20	D	20	32	.97	.72	.52
* 504-MDL-25	D	25	32	.97	.72	.52
* 504-MDL-30	D	30	32	.97	.72	.52

Miniature 5mm x 20mm Time Lag

For quantities greater than listed, call for quote.

504-GMC-1/8	B	1/8	250	1.87	1.39	1.19
504-GMC-1/4	B	1/4	250	.62	.46	.33
504-GMC-1/2	B	1/2	250	.62	.46	.33
504-GMC-6/10	B	6/10	250	.62	.46	.33
504-GMC-3/4	B	3/4	250	.62	.46	.33
504-GMC-8/10	B	8/10	250	.62	.46	.33
504-GMC-1	B	1	250	.62	.46	.33
504-GMC-1-1/2	B	1 1/2	250	.62	.46	.33
504-GMC-2	B	2	250	.62	.46	.33
504-GMC-2-1/2	B	2 1/2	250	.62	.46	.33
504-GMC-3	B	3	250	.62	.46	.33
504-GMC-3-1/2	B	3 1/2	125	.62	.46	.33
504-GMC-4	B	4	125	.62	.46	.33
504-GMC-5	B	5	125	.62	.46	.33
504-GMC-6	B	6	125	.62	.46	.33
* 504-GMC-8	B	8	125	.62	.46	.33
* 504-GMC-10	B	10	125	.62	.46	.33

Instrument 1/4 x 1 Non-Time Delay

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each 1	100	500
504-AGX-1/8	E	1/8	250	1.17	.88	.62
504-AGX-1	E	1	250	.37	.28	.21
504-AGX-2	E	2	250	.37	.28	.21

Ceramic 1/4 x 1-1/4 Fast Acting

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each 1	100	500
504-ABC-2	F	2	250	.66	.50	.36
504-ABC-3	F	3	250	.66	.50	.36
504-ABC-5	F	5	250	.63	.47	.34
504-ABC-6	F	6	250	.63	.47	.34
504-ABC-8	F	8	250	.63	.47	.34
504-ABC-10	F	10	250	.63	.47	.34
504-ABC-12	F	12	250	.63	.47	.34
504-ABC-15	F	15	250	.63	.47	.34
* 504-ABC-20	F	20	250	.95	.71	.51
* 504-ABC-25	F	25	125	.95	.71	.51
† 504-ABC-30	F	30	125	.95	.71	.51

Ceramic 1/4 x 1-1/4 Time Delay

For quantities greater than listed, call for quote

504-MDA-1	F	1	250	1.60	1.20	.60
504-MDA-2	F	2	250	1.60	1.20	.60
504-MDA-2-1/2	F	2 1/2	250	1.11	.84	.60
504-MDA-3	F	3	250	1.11	.84	.60
504-MDA-4	F	4	250	1.11	.84	.60
504-MDA-5	F	5	250	1.11	.84	.60
504-MDA-6-1/4	F	6 1/4	250	1.11	.84	.60
504-MDA-7	F	7	250	1.11	.84	.60
504-MDA-8	F	8	250	1.11	.84	.60
504-MDA-10	F	10	250	1.11	.84	.60
† 504-MDA-15	F	15	250	.97	.79	.72
† 504-MDA-20	F	20	250	1.11	.84	.60
† 504-MDA-30	F	30	250	1.11	.84	.60

Axial Lead Non-Time Delay

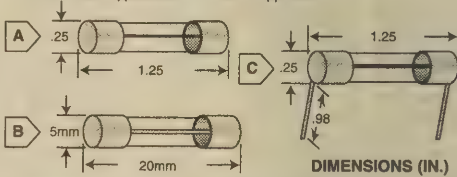
- Subminiature size
- Automatic insertion
- Hermetically sealed

For quantities greater than listed, call for quote

* 504-MCR-1/8	G	1/8	125	1.03	.78	.55
* 504-MCR-1/4	G	1/4	125	1.03	.78	.55
* 504-MCR-1/2	G	1/2	125	1.03	.78	.55
* 504-MCR-1	G	1	125	.79	.59	.43
* 504-MCR-1-1/2	G	1 1/2	125	.79	.59	.43
* 504-MCR-2	G	2	125	.79	.59	.43
* 504-MCR-3	G	3	125	.79	.59	.43
* 504-MCR-4	G	4	125	.79	.59	.43
* 504-MCR-5	G	5	125	.79	.59	.43
* 504-MCR-10	G	10	125	.79	.59	.43

LOW COST IMPORTED FUSES

- For non-critical applications
- Not UL approved



DIMENSIONS (IN.)

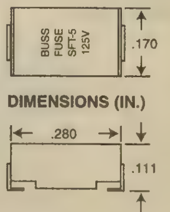
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Amp (A)	Volt (V)	Price Each 1	100	500
Standard 1/4" x 1-1/4" Fast Acting						
44FP047	A	1/8	250	.30	.23	.20
44FP048	A	1/4	250	.22	.17	.14
44FP049	A	1/2	250	.22	.17	.14
44FP051	A	1	250	.19	.11	.10
44FP052	A	2	250	.19	.11	.10
44FP053	A	3	250	.19	.11	.10
44FP055	A	5	250	.19	.11	.10
44FP056	A	6	250	.19	.11	.10
Miniature 5mm x 20mm Fast Acting • GMA type						
44FM048	B	1/4	250	.22	.17	.14
44FM049	B	1/2	250	.18	.16	.13
44FM051	B	1	250	.13	.10	.08
44FM052	B	2	250	.13	.10	.08
44FM053	B	3	250	.13	.10	.08
44FM055	B	5	250	.13	.10	.08
Pigtail 1/4" x 1-1/4" • GMA type						
44GA049	C	1/2	250	.31	.24	.22

SURFACE MOUNT NON-TIME DELAY

- Interrupting and voltage rating: 50A @ 250VAC (1/2-3A) 10,000A @ 125VAC (1/2-5A)

MOUSER STOCK NO.	Amp (A)	Volt (V)	Price Each 1	100	MOUSER STOCK NO.	Price Per Reel of 500 1	5
* 504-SFT-1	1	125	1.10	.88	- - - - -	- - -	- - -
* 504-SFT-2	2	125	1.10	.88	- - - - -	- - -	- - -
* 504-SFT-3	3	125	1.10	.88	504-SFT-3/REEL	320.00	274.64
* 504-SFT-4	4	125	1.10	.88	- - - - -	- - -	- - -
* 504-SFT-5	5	125	1.10	.88	504-SFT-5/REEL	320.00	274.64



Fuse Holders and Circuit Breakers

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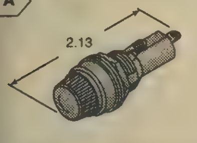

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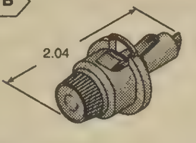

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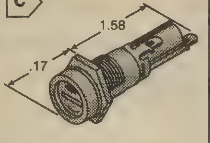

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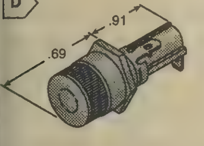

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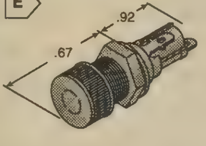

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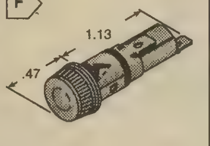

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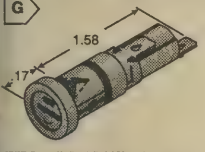

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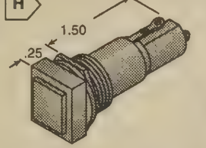

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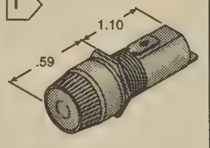

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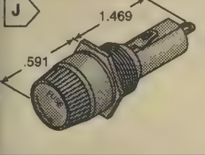

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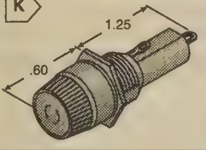

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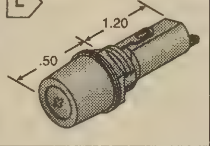

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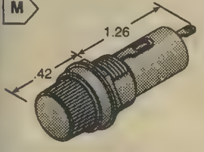

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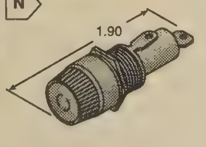

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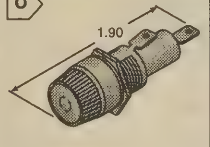

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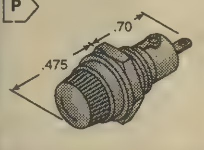

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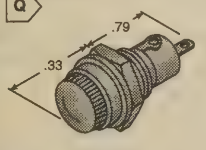

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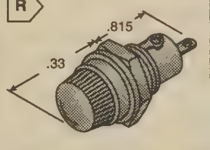

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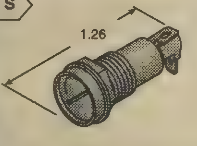

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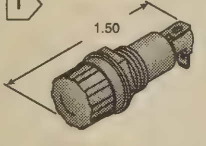

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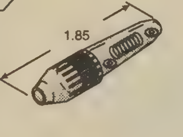

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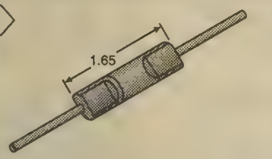

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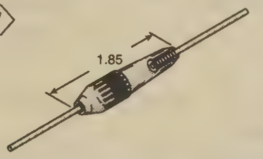

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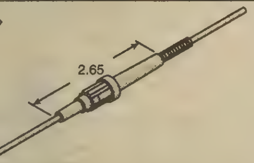

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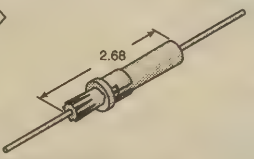

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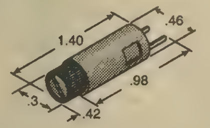

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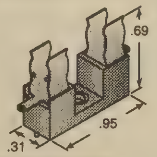

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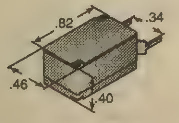

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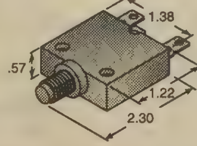

COOPER
Bussmann

BUSSMANN STANDARD PANEL MOUNT FUSE HOLDERS

E14853 47235

Straight Solder Terminals

MOUSER STOCK NO.	Fig.	Mounting Position/Type	Fuse Size (In.)	Rating	Profile	Price Each			
						1	100	500	1000
504-HJM	A	Front / Hex nut	1/4x1	5A @ 125V	Low	1.90	1.51	1.21	.99
504-HKP	A	Front / Hex nut	1/4x1 1/4	30A @ 250V	Low	1.90	1.51	1.21	.99
504-HKP-CC	A	Front / Hex nut	1/4x1 1/4	30A @ 250V	High	1.98	1.59	1.26	1.01
504-HKP-00	B	Rear / Snap-in	1/4x1,1 1/4	30A @ 250V	Low	4.43	4.16	- - -	- - -

INTERNATIONALLY APPROVED PANEL MOUNT FUSE HOLDERS

- Current rating:
  UL - 15A @ 250V
  CSA - 16A @ 250V
  VDE - 10A @ 250V
  SEMKO - 10A @ 250V
- Flammability rating: UL 94V-0
- Terminal type: 3/16" solder/quick connect
- Temperature range: -55°C to 85°C

E14853 47235

Standard (for 1/4" x 1 1/4" Fuses)

MOUSER STOCK NO.	Fig.	Mounting Position/Type	Profile	Fuse Access	Rear Terminal	Price Each			
						1	100	500	1000
504-HTB-32I	C	Front / Hex nut	Low	Slotted	Straight	2.65	2.21	1.28	1.18
504-HTB-44I	D	Front / Hex nut	High	Knob	Rt. Angle	2.65	2.21	1.28	1.18
504-HTB-62I	E	Rear / Hex nut	Low	Knob	Straight	2.65	2.21	1.28	1.18
504-HTB-82I	F	Front / Snap-in	Low	Knob	Straight	2.65	2.21	- - -	- - -
504-HTB-92I	G	Front / Snap-in	Low	Slotted	Straight	2.65	2.21	- - -	- - -

Miniature (for 5mm x 20mm Fuses)

MOUSER STOCK NO.	Fig.	Mounting Position/Type	Profile	Fuse Access	Rear Terminal	1	100	500	1000
504-HTB-32M	C	Front / Hex nut	Low	Slotted	Straight	2.65	2.21	1.28	1.18
504-HTB-62M	E	Rear / Hex nut	Low	Knob	Straight	2.65	2.21	- - -	- - -
504-HTB-82M	F	Front / Snap-in	Low	Knob	Straight	2.65	2.21	- - -	- - -
504-HTB-92M	G	Front / Snap-in	Low	Slotted	Straight	2.65	2.21	1.28	1.18

PANEL MOUNT FUSE HOLDERS

Standard (for 1/4" x 1 1/4" Fuses)

MOUSER STOCK NO.	Fig.	Cap Color	Rating	UL File No.	CSA File No.	Price Each			
						1	100	500	1000
44FH111	H	White	6A @ 250VAC	E43163	- - - - - -	1.69	1.41	1.28	1.16
44FH112	H	Red	6A @ 250VAC	E43163	- - - - - -	1.69	1.41	1.28	1.16
44FH113	H	Black	6A @ 250VAC	E43163	- - - - - -	1.69	1.41	1.28	1.16
44FH030	I	Black	15A @ 250VAC	E46754	LR30024	2.06	1.72	1.56	1.42
441-FH001	J	Black	15A @ 250VAC	E46754	LR30024	1.39	1.16	1.06	.96
44FH033	K	Black	10A @ 250VAC	- - - - - -	- - - - - -	1.11	.85	.78	.71
441-FH032	L	Black	10A @ 250VAC	E46754	LR30024	2.02	1.68	1.53	1.39
441-R3-13	M	Black	10A @ 250VAC	E72169	LR46728X	1.49	1.22	1.09	.99
441-R314A	N	Black	10A @ 250VAC	E72169	LR46728	1.40	1.23	1.13	1.04

Quick-Connect (for 1/4" x 1 1/4" Fuses)

- .250" faston terminal

MOUSER STOCK NO.	Fig.	Cap Color	Rating	UL File No.	CSA File No.	1	100	500	1000
441-R314C	O	Black	10A @ 250VAC	E72169	LR46728	1.46	1.38	1.27	1.14

Miniature (for 5mm x 20mm Fuses)

- .187" faston terminal

MOUSER STOCK NO.	Fig.	Cap Color	Rating	UL File No.	CSA File No.	1	100	500	1000
441-FH003	P	Black	3A @ 250VAC	- - - - - -	- - - - - -	1.85	1.55	1.40	1.28
441-FH043	Q	Black	10A @ 250VAC	E46754(S)	- - - - - -	1.86	1.56	1.42	1.35
441-R3-12	R	Black	10A @ 250VAC	E72169	LR46728X	1.69	1.43	1.29	1.23
441-0201	S	Black	10A @ 250VAC	E89872	LR59229	2.00	1.67	1.51	1.38
441-0202	T	Black	10A @ 250VAC	E89872	LR59229	2.13	1.78	1.62	1.47

IN-LINE FUSE HOLDERS

Standard

MOUSER STOCK NO.	Fig.	Description	Lead Length (In.)	Price Each			
				1	100	500	1000
44FH299	U	1/4" x 1 1/4" Clear, without leads	- - -	1.06	.82	.74	.67
44FH018	V	1/4" x 1 1/4" Black, 100MΩ resistance	18	2.86	2.39	2.17	1.97
44FH019	W	1/4" x 1 1/4" Clear	18	2.71	2.26	2.06	1.87

Universal

MOUSER STOCK NO.	Fig.	Description	Lead Length (In.)	1	100	500	1000
44FH497	X	1/4" x 1", 1/4" x 1 1/4", or 5mm x 20mm white, with black lead	18	1.41	1.17	1.06	.97
44FH498	X	1/4" x 1", 1/4" x 1 1/4", or 5mm x 20mm white, with red lead	18	1.41	1.17	1.06	.97

Holder Assembly

MOUSER STOCK NO.	Fig.	Description	Lead Length (In.)	1	100	500	1000
44FH499	Y	1/4" x 1 1/4" white, with red lead	18	1.33	1.11	1.00	.91

FUSE HOLDERS

MOUSER STOCK NO.	Fig.	Description	Contact Plating	Price Each			
				1	100	500	1000
441-R324	Z	Black plastic PC Mount (for midget fuses) UL #E72169, 10A @ 125V	Nickel	1.12	1.02	.91	.84
441-4454	AA	Midget base for 20mm x 5mm fuses	Nickel	.93	.71	.65	.59

CIRCUIT BREAKERS

- Triggered by current flow heating

MOUSER STOCK NO.	Fig.	Description	Rating	UL File No.	Price Each			
					1	100	500	1000
442-76-0100	BB	Thermal, auto reset	1A @ 250VAC/24VDC	- - -	3.45	3.02	2.59	2.16
442-5000-15	CC	Thermal, manual reset	15A @ 125VAC	E95802	3.91	3.40	3.23	3.10

Fuse Holders, Fuse Clips, and Blocks

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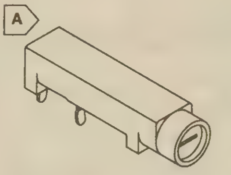
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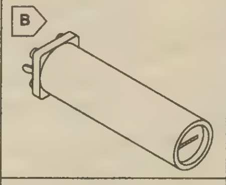
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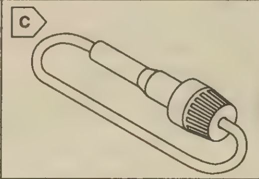
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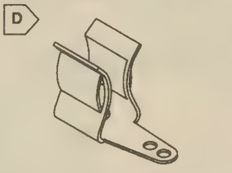
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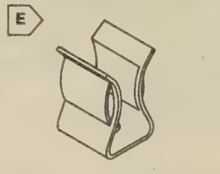
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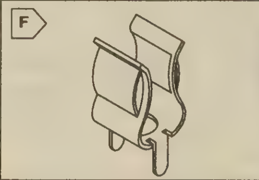
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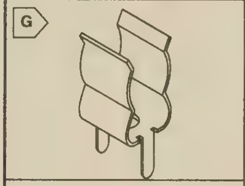
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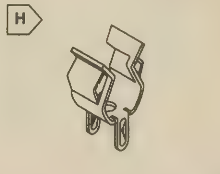
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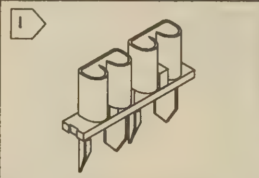
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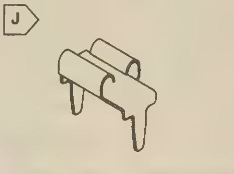
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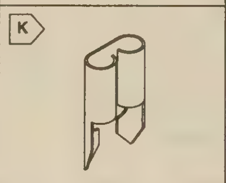
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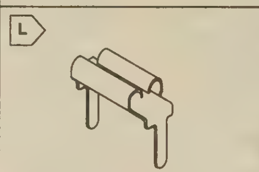
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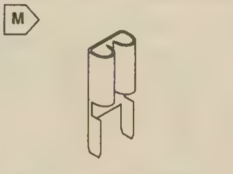
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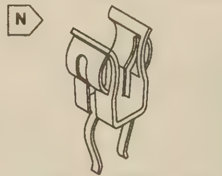
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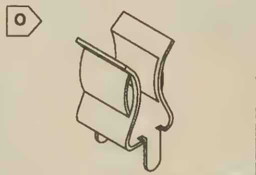
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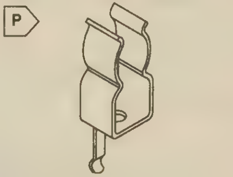
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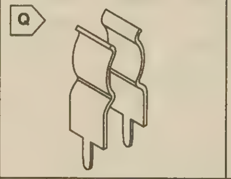
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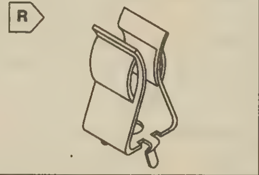
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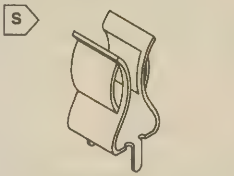
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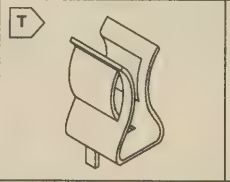
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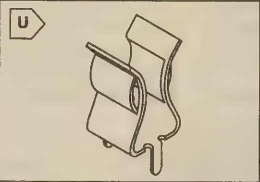
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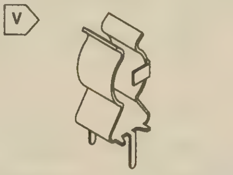
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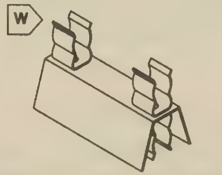
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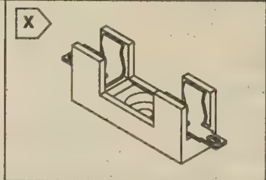
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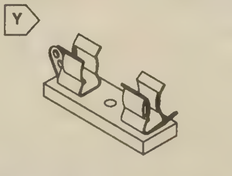
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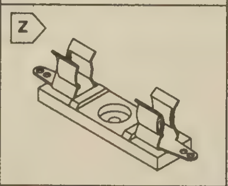
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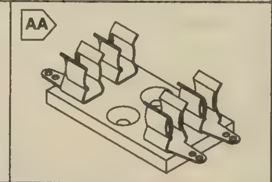
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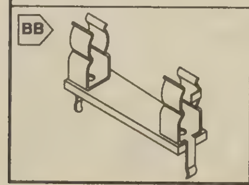
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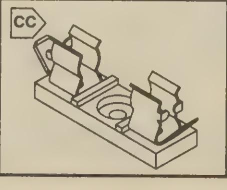
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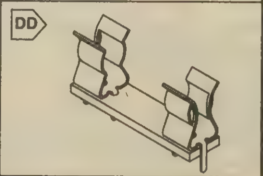


COOPER Bussmann

FUSE HOLDERS AND CLIPS

E14853

PCB Fuse Holders

- "Kicked" terminals for optimum wave soldering
- Anti-wicking terminals

MOUSER STOCK NO.	Fig.	Fuse Size	Rated To		Price Each			
			Amp	Volt	1	100	500	1000
504-HBH-I	A	1/4" x 1-1/4"	12	250	2.10	1.92	1.69	1.18
504-HBV-I	B	1/4" x 1-1/4"	12	250	3.31	2.75	2.29	1.92
504-HBH-M	A	5mm x 20mm	12	250	3.31	2.75	- - -	- - -
504-HBV-M	B	5mm x 20mm	12	250	3.89	3.40	- - -	- - -

In-Line Fuse Holders

* Leads not supplie

MOUSER STOCK NO.	Fig.	Fuse Size	Lead Lth. (In.)	Price Each			
				1	100	500	1000
504-HRK	C	Accepts all 1/4" fuses,	8	2.22	1.83	1.45	1.40
504-HMJ	C	5/8" through 1 1/4" long	8	1.79	1.42	1.13	1.02
504-HFB	C	1/4 X 1 1/4 waterproof	*#12-#18	5.26	4.94	4.77	4.61

Fuse Clips

- Made of spring bronze

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
504-5678-14	D	1/4" solder terminal	.12	.11	.09	.075
504-5682-41	E	1/4" screw mount	.12	.11	.09	.053
504-1A1119-10	F	1/4" PC mount with stop	.21	.19	.17	.11
504-1A1120-10	G	1/4" PC mount	.21	.19	.17	.11
504-1A3399-10	H	5mm PC mount with stop	.14	.13	.12	.08

KEYSTONE ELECTRONICS CORP.

FUSE HOLDERS AND CLIPS

PC Fuse Holders and Clips

- Auto blade holders and clips are compatible with Littelfuse .205" x .025" standard and .110" x .032" mini blade fuses
- Thru hole PC mountable
- Suitable for 15 amp applications

MOUSER STOCK NO.	Fig.	Fuse Size	Description	Price Each			
				1	100	500	1000
534-3522-2	I	.205" x .025"	Standard blade fuse holder	.58	.41	.36	.28
534-3550	J	.205" x .025"	Standard blade horiz. clip	.36	.28	.26	.22
534-3522	K	.205" x .025"	Standard blade vertical clip	.17	.13	.12	.10
534-3544-2	I	.110" x .032"	Mini blade fuse holder	.63	.51	.43	.35
534-3549	L	.110" x .032"	Mini blade horizontal clip	.36	.28	.26	.22
534-3544	M	.110" x .032"	Mini blade vertical clip	.17	.13	.12	.10

PC Fuse Clips

- Snap-fit and press fit designs for wave soldering
- Low profile space saving design
- Economical and easy to assemble
- Low contact resistance

534-3521	N	5mm	.016" tinned brass	.13	.07	.06	.05
534-3517	O	5mm	.02" tinned brass	.15	.09	.08	.07
534-3520	P	5mm	.016" tinned brass	.14	.08	.07	.06
534-3519	Q	5mm	.016" tinned brass	.22	.15	.13	.12
534-3513	R	1/4"	.02" tinned brass	.22	.15	.13	.12
534-3529	S	1/4"	.02" tinned brass	.14	.08	.07	.06
534-3530	T	1/4"	.02" tinned brass	.20	.13	.11	.10

FUSE CLIPS

MOUSER STOCK NO.	Fig.	Fuse Size	Description	Price Each			
				1	100	500	1000
44FH053	U	1/4"	Nickel plated	.19	.16	.15	.14
44FH052	V	5mm	Silver plated brass	.11	.08	.07	.06

COOPER Bussmann

FUSE CLIPS AND BLOCKS

Twin Clips

Makes it unnecessary to replace blown pigtail fuse by cutting or soldering. Twin-clips snap on the blown fuse.

MOUSER STOCK NO.	Fig.	Fuse Size	Price Each			
			1	100	500	1000
504-3434	W	5/8" to 1 1/4" long; insulated	1.29	1.17	1.05	.86

Fuse Blocks

- 1/4" x 1 1/4" fuse size
- Spring-bronze clips
- Anti-pivot barrier
- Totally sealed base

E14853A

MOUSER STOCK NO.	Fig.	Description	Rated To		Price Each			
			Amp	Volt	1	100	500	1000
504-S-8001-1	X	Solder terminal	25	300	1.19	1.00	.95	.80
504-S-8101-1	X	3/16" quick connect	15	300	1.13	.90	.62	.56

- Molded bakelite base
- Silver plated clips
- Beryllium copper solder terminal

504-3828-1	Y	1" fuse size	30	250	1.62	1.46	1.29	1.22
504-4405	Z	1 1/4" fuse size	30	250	1.94	1.80	1.72	1.61
504-4408	AA	1 1/4" fuse size	30	250	4.72	3.94	3.78	3.54

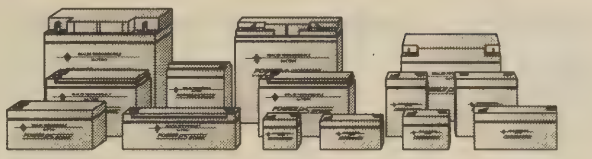
KEYSTONE ELECTRONICS CORP.

MOLDED BASE FUSE BLOCKS

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
534-3527	BB	5mm x 20mm snap-fit PCB fuse holder	.96	.48	.40	.33
534-4243	CC	1/4"x1 1/4" fuse holder w/.250" quick disc.	2.86	1.43	1.24	.77
534-4245	DD	1/4"x1 1/4" PCB fuse holder	.95	.48	.41	.37

Rechargeable Batteries and Chargers

POWER PS SONIC SEALED LEAD-ACID BATTERIES



eatures:

- Sealed/maintenance-free
- Gel-type electrolyte
- Economical
- Long shelf life
- High discharge rate
- Overcharge protection
- Wide operating temperature range
- Deep discharge recovery
- Immobilized electrolyte may be used in any position, however, it is recommended that they not be charged in an inverted position

** negative is .187" Faston, positive is .250 Faston
†† Flag terminals accept nut and bolt connectors

Batteries should be checked and fully charged before installation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nominal Voltage	Nominal Capacity @ 20 Hr. Rate A.H.	Terminal Type	Dimensions (In.)				Wt. (lbs.)	Price Each
				Lgth.	Width	Height	Ht. Ov. Term.		
547-PS445	4	4.5	.250" Faston	1.93	2.09	3.70	3.86	1.5	11.75
547-PS490	4	9.0	.250" Faston	4.02	1.73	3.70	3.86	2.4	15.85
547-PS605	6	0.5	Wire Leads	2.24	0.55	1.97	1.97	0.2	13.00
547-PS610	6	1.0	.187" Faston	2.00	1.65	2.00	2.20	0.6	9.68
547-PS612H	6	1.2	.187" Faston	3.82	0.94	2.00	2.13	0.6	8.85
547-PS630	6	3.0	.187" Faston	5.28	1.34	2.35	2.56	1.5	14.90
547-PS640	6	4.5	.187" Faston	2.76	1.89	4.02	4.25	1.8	12.10
547-PS640WL	6	4.5	Wire Leads	2.76	1.89	4.02	4.25	1.8	10.90
547-PS665	6	6.5	**	3.86	2.20	4.05	4.05	3.0	15.25
547-PS670	6	7.0	.187" Faston	5.95	1.34	3.70	3.86	3.0	12.40
547-PS682	6	8.0	.187" Faston	3.86	2.20	4.65	4.65	3.3	15.65
547-PS682WL	6	8.0	Wire Leads	3.86	2.20	4.65	4.65	3.3	17.10
547-PS695	6	9.5	**	4.26	2.75	5.54	5.54	4.9	16.00
547-PS6100	6	10.0	.187" Faston	5.95	2.00	3.70	3.86	4.6	15.25
547-PS6120	6	12.0	**	4.26	2.75	5.54	5.54	5.5	17.90
547-PS6200	6	20.0	Nut and bolt	6.18	3.27	4.92	4.92	8.2	46.60
547-PS6360	6	36.0	.250" Faston	6.25	3.35	6.50	6.95	13.8	43.00

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nominal Voltage	Nominal Capacity @ 20 Hr. Rate A.H.	Terminal Type	Dimensions (In.)				Wt. (lbs.)	Price Each
				Lgth.	Width	Height	Ht. Ov. Term.		
547-PS1208	12	0.8	Mate-N-Lok	3.78	.98	2.42	2.42	0.8	16.90
547-PS1212	12	1.2	.187" Faston	3.82	1.65	2.00	2.13	1.3	15.65
547-PS1220	12	2.0	.187" Faston	7.01	1.34	2.36	2.56	1.9	17.85
547-PS1229	12	2.9	.187" Faston	7.01	1.34	2.36	2.56	2.2	22.35
547-PS1230	12	3.0	.187" Faston	5.23	2.64	2.36	2.60	2.6	20.00
547-PS1250F1	12	5.0	.187" Faston	3.54	2.76	3.98	4.13	3.8	16.00
547-PS1250F2	12	5.0	.250" Faston	3.54	2.76	4.02	4.25	4.2	21.44
547-PS1270	12	7.0	.187" Faston	5.95	2.56	3.70	3.86	5.7	17.85
547-PS1282	12	8.0	.187" Faston	3.86	4.40	4.65	4.65	6.7	33.15
547-PS12100	12	10.0	.250" Faston	5.95	4.00	3.70	3.86	9.2	34.90
547-PS12120	12	12.0	.250" Faston	5.94	3.86	3.70	3.94	9.0	39.50
547-PS12120L	12	12.0	**	8.38	2.75	5.50	5.50	11.0	37.65
547-PS12180F	12	18.0	.250" Faston	7.13	2.99	6.57	6.57	12.8	55.50
547-PS12180	12	17.5	Nut and bolt	7.13	2.99	6.57	6.57	13.0	47.50
547-PS12260	12	26.0	.250" Faston	6.89	6.54	4.92	4.92	18.7	65.40
547-PS12280	12	28.0	Nut and bolt	6.54	4.92	6.89	6.89	19.4	74.15
†† 547-PS12330	12	33.0	Nut and bolt	7.75	5.19	6.38	7.15	26.5	69.95
†† 547-PS12600	12	60.0	Nut and bolt	10.25	6.60	8.20	9.45	46.0	112.90
†† 547-PS121000	12	100.0	Nut and bolt	12.00	6.60	8.15	8.98	65.7	143.35

POWER PS SONIC BATTERY CHARGERS

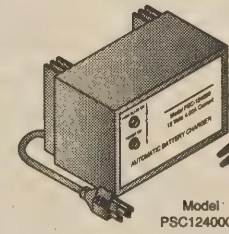
Electronically Regulated Battery Chargers for Sealed Lead-Acid Batteries

*UL †SA

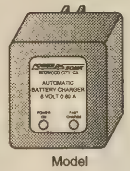
- No danger of overcharge
- LED's for power on, fast charge, and float charge mode
- Automatic switching, during charging, from high to float rate with precise voltage regulation
- Wall mount plug-in design (except Model 124000A)
- Models 6300A, 12800A, and 124000A have output cord with alligator clips
- Models 6500A and 12500A have screw type terminals without leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nominal Output		Housing	Use with Battery	Weight (Lbs.)	Price Each	
	Voltage	Current				1	5
547-PSC6300A	6.0	.25A	Metal	6V 1-5 AH	1.65	36.05	32.83
547-PSC6500A	6.0	.60A	Thermoplastic	6V 4-10 AH	0.8	37.40	33.95
547-PSC12500A	12.0	.50A	Thermoplastic	12V 2-10 AH	0.8	37.30	33.95
547-PSC12800A	12.0	.80A	Thermoplastic	12V 4-12AH	1.36	39.40	35.84
547-PSC124000A	12.0	4.00A	Metal	12V 10-40 AH	6.0	121.15	110.25



Model PSC124000A

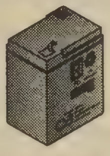


Model PSC6500A

BATTERY CSB SEALED LEAD-ACID BATTERIES

- 100% 2-Cycle tested

* negative is .187" Faston, positive is .250 Faston



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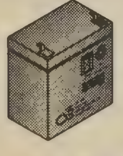

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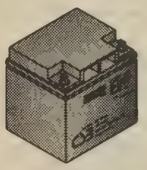


GP12400 Shown

For quantities greater than listed, call for quote.

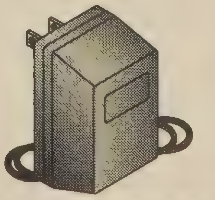
MOUSER STOCK NO.	Nom. Volt.	Nominal Capacity @ 20 Hr. Rate A.H.	Terminal Type	Dimensions (In.)				Wt. (lbs.)	Price Each
				Lgth.	Width	Height	Ht. Ov. Term.		
CSB Batteries									
632-GP640WL	6	4.0	Mate-N-Lok	2.76	1.89	4.02	4.25	1.80	9.59
632-GP645	6	4.5	.187" Faston	2.76	1.89	4.02	4.25	1.80	9.59
632-GP670	6	7.0	.187" Faston	5.94	1.34	3.70	3.94	2.60	13.23
632-GP690	6	9.0	.187" Faston	5.94	1.97	3.70	3.94	3.80	16.07
632-GP6120	6	12.0	.187" Faston	5.94	1.97	3.70	3.94	4.40	15.27
632-GP6120F2	6	12.0	.250" Faston	5.94	1.97	3.70	3.94	4.40	16.97
632-GP1222	12	2.2	.187" Faston	7.01	1.34	2.36	2.60	2.10	14.60
632-GP1233A	12	3.3	.187" Faston	5.28	2.72	2.36	2.60	2.81	23.95
632-GP1245	12	4.5	.187" Faston	3.65	2.75	4.02	4.25	3.96	14.22
632-GP1270	12	7.0	.187" Faston	5.95	2.56	3.70	3.94	5.50	16.54
632-GP1272F2	12	7.2	.250" Faston	5.95	2.56	3.70	3.94	5.50	16.54
632-GP12120F2	12	12.0	.250" Faston	5.95	3.86	3.74	3.98	9.04	31.65
632-GP12170	12	17.0	Nut & Bolt	7.13	2.99	6.57	6.57	13.50	43.93
632-GP12260	12	26.0	Nut & Bolt	6.54	6.89	4.92	4.92	19.90	65.95
632-GP12400	12	40.0	Nut & Bolt	7.76	6.50	6.69	6.77	30.80	99.50
PRISM Batteries									
632-GH612	6	1.2	.187" Faston	3.82	.98	2.01	2.24	.62	5.67
632-GH630	6	3.0	.187" Faston	5.28	1.34	2.36	2.60	1.40	7.77
632-GH640	6	4.0	.187" Faston	2.76	1.89	4.02	4.25	1.80	5.56
632-GH695	6	9.5	*	4.26	2.75	5.54	5.54	4.90	34.58
632-GH6130WLF	6	13.0	Toy	4.25	2.75	5.54	5.54	5.90	15.76
632-GH1212	12	1.2	.187" Faston	3.82	1.69	1.99	2.22	1.20	13.73
632-GH1220	12	2.0	.187" Faston	7.17	.94	2.42	2.42	1.75	12.03
632-GH1270	12	7.0	.187" Faston	5.95	2.56	3.70	3.94	5.50	13.98
632-GH12840	12	84.0	Stud	12.91	6.75	9.81	9.81	61.00	165.65

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nom. Volt.	Watts/ Cell for 15 min. @ 25°C	Terminal Type	Dimensions (In.)				Wt. (lbs.)	Price Each
				Lgth.	Width	Height	Ht. Ov. Term.		
HC/HR Series									
632-HC1217W	12	17	Recessed Faston	5.50	1.89	4.02	4.07	3.81	20.39
632-HR1221W	12	21	Recessed Faston	3.54	2.75	3.98	4.21	4.40	22.47

MOUSER STOCK NO.	Nom. Voltage	Nominal Capacity @ 20 Hr. Rate A.H.	Terminal Type	Dimensions (In.)				Wt. (lbs.)	Price Each
				Lgth.	Width	Height	Ht. Ov. Term.		
EVX Series									
632-EVX1272	12	7.2	.187 Faston	5.95	2.56	3.70	3.94	5.50	18.61
632-EVX12170	12	17	Nut & Bolt	7.13	3.00	6.57	6.57	13.50	48.83
632-EVX12260	12	26	Nut & Bolt	6.54	6.89	4.92	4.92	19.91	62.25
632-EVX12340	12	34	Nut & Bolt	7.74	5.19	6.55	7.32	25.50	58.16
632-EVX12400	12	40	Nut & Bolt	7.76	6.50	6.77	4.21	30.80	103.61

BATTERY CSB BATTERY CHARGERS



Features:

- Voltage regulated
- Lead wire: 2 conductor AWG#22
- Cord length: 1800mm (min.)
- No automatic shut-off

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Input Voltage	Nominal Output		Termination	Price Each
		Voltage	Current		
632-GHC610001A	110VAC	6VDC	1A	Alligator Clips	10.10
632-GHC125001A	110VAC	12VDC	500mA	Alligator Clips	10.47
632-GHC125002A	220VAC	12VDC	500mA	Alligator Clips	10.95
632-GHC125001P	110VAC	12VDC	500mA	Barrel Connector	10.47

Batteries

DURACELL® LONG-LIFE ALKALINE BATTERIES

MOUSER STOCK NO.	Size	Volts	Capacity (mAh)	Price Each		
				1	100	500
613-MN2400	AAA	1.5	1150	1.09	.99	.89
613-MN1500	AA	1.5	2850	1.09	.99	.89
613-MN1400	C	1.5	7800	1.79	1.75	1.65
613-MN1300	D	1.5	15000	1.79	1.75	1.65
613-MN1604	9V	9.0	580	3.39	3.15	2.75

ENERGIZER
DURACELL
GP
ENERGIZER INDUSTRIAL ALKALINE
INDUSTRIAL GENERAL PURPOSE

EVEREADY. BATTERIES

Energizer Long Life Alkaline

- Recommended for heavy drain/frequent use
- Eveready's longest lasting power source

MOUSER STOCK NO.	Size	Volts	NEDA	Replaces	Price Per Battery		
					1	100	500
525-E91	AA	1.5	15A	MN1500	.99	.91	.80
525-E92	AAA	1.5	24A	MN2400	.99	.91	.80
525-E93	C	1.5	14A	MN1400	1.65	1.59	1.51
525-E95	D	1.5	13A	MN1300	1.65	1.59	1.51
525-522	9V	9.0	1604A	MN1604	3.10	2.85	2.49

General Purpose

∗ Package of four
† Package of two

- Recommended for low to moderate drain applications
- Economy
- Dependability
- Good shelf life

MOUSER STOCK NO.	Size	Volts	Std. Pkg.	Case Quantity	Price Per Battery		
					1	Std. Pkg.	Case
∗ 525-1015BP4	AA	1.5	12	48	1.88	1.76	1.64
∗ 525-935-4	C	1.5	12	48	2.04	1.96	1.84
∗ 525-950-4	D	1.5	12	48	1.76	1.68	1.60
† 525-216BP	9V	9.0	12	48	1.62	1.54	1.42

Energizer Industrial Alkaline

- Recommended for heavy drain/extra temperature applications
- Open dated and "best if used by" dating system

525-EN91	AA	1.5	24	144	.67	.65	.63
525-EN92	AAA	1.5	12	48	.67	.65	.63
525-EN93	C	1.5	12	72	1.33	1.25	1.18
525-EN95	D	1.5	12	72	1.19	1.14	1.10
525-EN22	9V	9	12	72	2.00	1.88	1.81

Industrial Heavy Duty

- Recommended for moderate drain application
- Long lasting performance

525-EV115	AA	1.5	24	192	.46	.44	.41
525-EV135	C	1.5	24	192	.61	.57	.53
525-EV150	D	1.5	24	192	.64	.60	.56
525-EV122	9V	9	12	72	1.46	1.37	1.27

Industrial General Purpose

- Recommended for light to medium drain applications

525-EV15	AA	1.5	24	192	.38	.36	.34
525-EV35	C	1.5	24	192	.53	.50	.46
525-EV50	D	1.5	24	192	.56	.53	.49
525-EV22	9V	9	12	72	.99	.93	.87
525-EV90	Lantern	6	12	- - -	3.38	3.17	- - -

GP® ALKACELL (Top Performance Alkaline)

- Reduced mercury content (less than .025% of total weight)
- Lasts up to seven times as long as ordinary carbon-zinc batteries
- Long storage life

MOUSER STOCK NO.	Size	Volts	Cross Reference		Price Each			
			Eveready	IEC	1	100	500	1000
573-910A	N	1.5	E90	LR1	.65	.59	.56	.53
573-24A	AAA	1.5	E92	LR03	.40	.35	.30	.29
573-15A	AA	1.5	E91	LR6	.40	.35	.30	.29
573-14A	C	1.5	E93	LR14	.86	.81	.78	.76
573-13A	D	1.5	E95	LR20	1.17	1.10	1.06	1.02
573-1604A	9V	9.0	522	6LF22	1.50	1.14	1.09	1.05

HEAVY DUTY (Zinc Chloride, 0% Mercury)

- Contains 0% mercury
- More powerful than ordinary carbon zinc batteries
- Long lasting, can be recycled

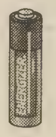
MOUSER STOCK NO.	Size	Volts	Cross Reference		Price Each			
			Eveready	IEC	1	100	500	1000
639-HD-AAA	AAA	1.5	R03	SUM-4	.22	.21	.20	.19
639-HD-AA	AA	1.5	R6	SUM-3	.25	.22	.20	.18
639-HD-C	C	1.5	R14	SUM-2	.58	.45	.36	.30
639-HD-D	D	1.5	R20	SUM-1	.72	.60	.53	.50
639-HD-9V	9V	9.0	6F22	S-006P	.99	.79	.69	.59

LONG LIFE (Zinc Chloride, 0% Mercury)

- For all electronic applications
- High performance you can afford
- Good storage life
- Extended service life

MOUSER STOCK NO.	Size	Volts	Cross Reference		Price Each			
			Eveready	IEC	1	100	500	1000
639-GP-9V	9V	9.0	1222	6F22	.74	.58	.48	.43

A



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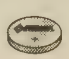

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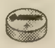

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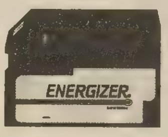

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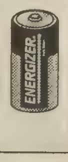

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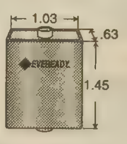

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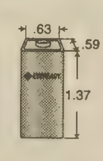

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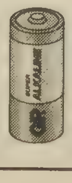


EVEREADY. PHOTO, COIN, ELECTRONIC BATTERIES

Energizer Lithium Photo Cell

- High energy density, long life power source
- Shelf life: up to 10 yrs.
- Good low/high temperature operations

MOUSER STOCK NO.	Fig	Size	Volts	Batteries Per Pkg.	Batteries Per Case	Price Per Package	
						1	Case
525-L91BP-2	A	AA	1.5	2	12	5.81	5.45

Lithium Coin Cells

- 10 year estimated shelf life
- High energy density

MOUSER STOCK NO.	Fig	Volts	Dimensions (In.)	Std. Pkg. Quantity	Case Qty.	Price Per Battery		
						1	Std. Pkg.	Case
525-E-CR2016BP	B	3	ø.787 x .063	6	480	1.36	1.28	1.19
525-E-CR2025BP	B	3	ø.787 x .098	6	480	1.36	1.28	1.19
525-E-CR2032BP	B	3	ø.787 x .126	6	480	1.36	1.28	1.19

Electronic

- High energy density, long life power source
- Long storage life

MOUSER STOCK NO.	Fig	Volts	Type	Std. Pkg. Quantity	Price Per Battery	
					1	Std. Pkg.
525-A76BP	C	1.5	Alkaline	6	.91	.85
525-EPX76BP	C	1.5	Silver Oxide	6	2.72	2.55
525-2L76BP	C	3	Lithium	6	3.76	3.52
525-539BP	D	6	Alkaline	6	3.38	3.17
525-A544BP	E	6	Alkaline	6	3.48	3.27
525-L544BP	E	6	Lithium	6	6.84	6.41
525-411	F	15	Carbon-Zinc	6	7.74	7.26
525-504	G	15	Carbon-Zinc	12	5.01	4.70

GP® HIGH VOLTAGE (Alkaline)

- Hard-to-find battery
- Photo, remote controllers, and lighter applications

MOUSER STOCK NO.	Fig	Dimensions (In.)		Volts	Capacity (mAh)	Price Each			
		Dia.	Ht.			1	10	100	500
573-23A	H	.39	1.12	12	33	.88	.83	.71	.62
573-25A	H	.303	.843	9	18	.88	.83	.71	.62
573-27A	H	.303	1.10	12	18	.88	.83	.71	.62

STANDARD/GENERAL USE NI-CAD BATTERIES

Nickel-cadmium batteries may be used in cyclic, trickle or float charge use.

- Operating temperature range: charge: 0 - 45°C (standard) 10° - 45°C (quick); discharge: -20° - 60°C; storage: -30° - 50°C

MOUSER STOCK NO.	Size	Capacity mAh	Dimensions (In.) Diameter x Height	Price Each		
				1	10	50
639-N110AA	1/3AA	110	0.57 x 0.67	1.95	1.75	1.70
639-N150N	N	150	0.47 x 0.67	2.35	2.10	2.00
639-N250AAA	AAA	250	0.41 x 1.75	2.24	2.11	2.05
639-N270AA	2/3AA	270	0.57 x 1.18	2.10	1.85	1.70
639-N700AAC	AA	700	0.56 x 1.99	1.82	1.71	1.66
639-KR1300SC	SC	1300	0.91 x 1.69	2.23	2.10	2.03
639-KR1500SC	SC	1500	0.91 x 1.69	2.50	2.25	2.10
639-KR2000C	C	2000	1.02 x 1.97	5.00	4.50	4.06
639-KR4400D	D	4400	1.34 x 2.42	10.75	7.50	7.00
639-KR7000F	F	7000	1.69 x 3.58	23.86	21.47	19.09
639-N6PT	9V	110	.67(W) x 1.02(L) x 1.91(H)	14.20	13.36	12.94

NICKEL METAL HYDRIDE BATTERIES

✻Consumer top

MOUSER STOCK NO.	Size	Capacity mAh	Dimensions (In.) Diameter x Height	Price Each		
				1	10	50
639-HR-AAC	AA	1100	0.56 x 1.99	2.99	2.75	2.50
✻ 639-HR-3U	AA	1650	0.56 x 1.99	3.15	2.88	2.60
639-HR-AAAUT	AAA	720	0.41 x 1.75	2.70	2.40	2.30
✻ 639-HR-4U	AAA	650	0.41 x 1.75	2.70	2.40	2.30
639-HR-AUX	A	2700	0.67 x 1.97	5.30	4.75	4.60

HIGH CAPACITY/EXTRA SERIES NI-CADS

- Operating temperature range: charge: 0 - 45°C (standard) 10° - 45°C (quick); discharge: -20° - 60°C; storage: -30° - 50°C

MOUSER STOCK NO.	Size	Capacity mAh	Dimensions (In.) Diameter x Height	Price Each		
				1	10	50
639-KR800AAE	AA	800	0.56 x 1.99	2.15	1.90	1.80
639-KR1000AAU	AA	1000	0.56 x 1.99	3.10	2.79	2.65
639-KR600AE	2/3A	600	0.67 x 1.10	2.10	1.90	1.80
639-KR1100AEL	4/5A	1100	0.67 x 1.69	3.50	3.25	3.00
639-KR1400AE	A	1400	0.67 x 1.97	3.60	3.25	3.10
639-KR1800SCE	SC	1800	0.91 x 1.97	4.50	4.05	3.70
639-KR5000DEL	D	5000	1.34 x 2.36	9.18	8.64	8.37

SOLDER TABBED NI-CADS/NICKEL METAL HYRIDES

Solder tabs are ideal for soldering wire to batteries.

MOUSER STOCK NO.	Size	Capacity mAh	Dimensions (In.) Diameter x Height	Price Each		
				1	10	50
639-N250AAA-ST	AAA	250	0.41 x 1.75	2.75	2.45	2.30
639-N270AA-ST	2/3AA	270	0.57 x 1.18	2.31	2.21	1.98
639-N700AAC-ST	AA	700	0.56 x 1.99	2.14	1.90	1.80
639-KR1300SC-ST	SC	1300	0.91 x 1.69	2.80	2.50	2.35
639-KR1500SC-ST	SC	1500	0.91 x 1.69	4.25	4.00	3.50
639-KR4400D-ST	D	4400	1.34 x 2.42	10.71	8.90	8.50
639-HRAAC-ST	AA	1100	0.56 x 1.99	3.50	3.10	2.78
639-HRAAAUT-ST	AAA	720	0.41 x 1.75	3.00	2.70	2.60

LITHIUM CYLINDRICAL CELLS (LASER SEALED)

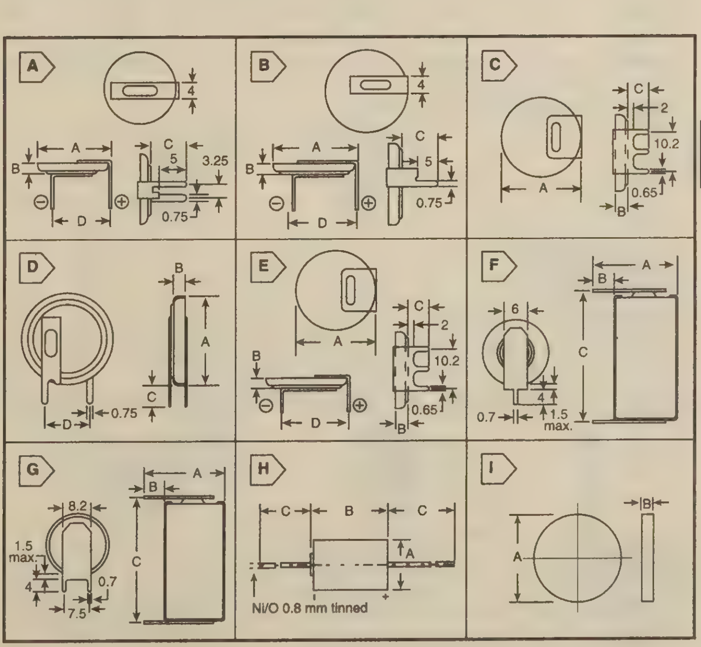
MOUSER STOCK NO.	Capacity mAh	Dimensions (In.) Dia. x Height	Description	Price Each		
				1	10	50
639-CR14250SET	850	0.57 x 0.98	Pressure contacts	5.88	5.35	4.86
639-CR17335SET	1800	0.67 x 1.32	Pressure contacts	9.32	8.47	7.70
639-CR12600SET	1500	0.47 x 2.36	Pressure contacts	9.98	9.08	8.25
639-CR17450SET	2500	0.67 x 1.76	Pressure contacts	11.44	10.40	9.45
639-CR23500SET	5000	0.90 x 1.97	Pressure contacts	27.55	25.05	22.77

HIGH POWER PHOTO LITHIUM BATTERIES

MOUSER STOCK NO.	Voltage	Capacity mAh	Dimensions (In.) Diameter x Height	Price Each		
				1	10	50
639-CR1/3N	3	160	0.45 x 0.43	3.45	3.30	3.14
639-2CR1/3N	6	160	0.51 x 0.98	9.15	8.74	8.32
639-CR123	3	1300	0.67 x 1.36	4.86	4.58	4.43
639-CR2	3	750	0.61 x 1.06	5.36	5.04	4.88
639-CRP2	6	1300	1.37 L x 0.77 W x 1.41 H	8.45	7.98	7.70
639-2CR5M	6	1300	1.24 L x 0.67 W x 1.77 H	8.45	7.98	7.70

3V LITHIUM COIN/CYLINDRICAL CELLS WITH PC PINS

MOUSER STOCK NO.	Fig.	Capacity mAh	Dimensions (mm)				Price Each		
			A	B	C	D	1	10	50
639-CR1220-P1	A	35	14.0	2.0	6.5	10.0	1.78	1.55	1.41
639-CR2032-T141	B	190	21.5	3.2	6.5	20.5	1.94	1.69	1.54
639-CR2032-P51	B	190	21.0	3.2	9.0	15.2	2.02	1.76	1.60
639-CR2032-FT1	C	190	21.0	3.2	6.0	15.2	1.94	1.69	1.54
639-CR2032-T92	D	190	20.5	3.2	4.5	10.5	1.94	1.69	1.54
639-CR2032-FT42	E	190	20.5	3.2	5.0	3.4	2.02	1.76	1.60
639-CR2430-P12	B	270	25.5	3.0	6.5	20.3	2.30	2.00	1.82
639-CR2430-FT1	C	270	25.0	3.0	6.0	17.8	2.30	2.00	1.82
639-CR2430-P22	D	270	25.0	3.0	4.5	10.5	2.30	2.00	1.82
639-CR2430-FT42	E	270	25.0	3.0	5.0	3.2	2.30	2.00	1.82
639-CR2450-P2	B	500	25.5	5.0	6.5	20.3	3.59	3.12	2.84
639-CR2450-FT1	C	500	25.5	5.0	5.0	17.8	3.59	3.12	2.84
639-CR2450-FT54	E	500	24.5	5.0	5.0	5.1	3.59	3.12	2.84
639-CR14250SET-P1	F	850	14.5	5.5	25.5	-	6.84	5.95	5.41
639-CR14250SET-FT	G	850	14.5	5.5	25.5	-	6.84	5.95	5.41
639-CR14250SET-SP1	H	850	14.5	25.0	35.0	-	6.84	5.95	5.41
639-CR17335SET-FT	G	1800	17.0	5.5	34.0	-	9.74	8.47	7.70
639-CR1220	I	35	12.5	2.0	-	-	1.38	1.20	1.09
639-CR2016	I	80	20.0	1.6	-	-	1.05	0.91	0.83
639-CR2025	I	160	20.0	2.5	-	-	1.05	0.91	0.83
639-CR2032	I	220	20.0	3.2	-	-	1.05	0.91	0.83
639-CR2430	I	560	24.0	3.0	-	-	1.99	1.73	1.57



Batteries and Chargers

RENATA ZINC-AIR HEARING INSTRUMENT BATTERIES

The performance of RENATA hearing aid batteries are that of extremely high capacity, being equal to or greater than other batteries currently in the marketplace.

Features:

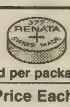
- The latest in zinc-air battery technology with top-of-the-line capacities
- User friendly packaging
- Comes in convenient wheel card (4 batteries per card)
- Device protection guarantee
- Expiration date printed on package

zinc•air
ZA675
RENATA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Replaces	Price Per Card			
			1	10	25	50
614-ZA10	1.4V 40 mAh	DA/AC230, 10AE, B20PA, S10A	3.38	3.15	3.00	2.85
614-ZA13	1.4V 255 mAh	DA/AC13, 13AE, B26PA, S13A	2.95	2.75	2.62	2.49
614-ZA312	1.4V 140 mAh	DA/AC312, 312AE, B347PA	2.95	2.75	2.62	2.49
614-ZA675	1.4V 600 mAh	DA/AC675, 675AE, B900PA	2.95	2.75	2.62	2.49

RENATA BUTTON CELL BATTERIES



1.5V Alkaline

* Priced per package of 2

	MOUSER STOCK NO.	Nominal Capacity (mAh)	Dimensions (mm)	Replaces	Price Each		
					1	10	50
*	614-LR44	105	11.6 x 5.4	LL44, LR1154, V13GA	1.24	1.18	1.12

1.55V Silver-Oxide

- Low drain
- For watches

MOUSER STOCK NO.	Nominal Capacity (mAh)	Dimensions (mm)	Replaces	1	10	50
614-301	120	11.6 x 4.2	SR43, SR1142, SR43SW	.90	.86	.82
614-303	175	11.6 x 5.4	SR44, SR1154, SR44SW	1.13	1.07	1.02
614-315	19	7.9 x 1.6	SR67, SR716SW	.94	.89	.85
614-317	10	5.8 x 1.6	SR62, SR516SW	.72	.68	.65
614-319	18	5.8 x 2.6	SR64, SR527SW	.72	.68	.65
614-321	13	6.8 x 1.6	SR65, SR616SW	.65	.61	.58
614-329	37	7.9 x 3.1	SR731SW	.73	.70	.67
614-335	5	5.8 x 1.2	SR512SW	1.08	1.03	.98
614-341	15	7.9 x 1.4	SR714SW	1.66	1.58	1.50
614-344	105	11.6 x 3.6	SR42, SR1136SW	.94	.89	.85
614-362	24	7.9 x 2.1	SR58, SR721, SR721SW	.59	.56	.53
614-364	22	6.8 x 2.1	SR60, SR621, SR621SW	.50	.48	.46
614-371	38	9.5 x 2.1	SR69, SR921, SR920SW	.59	.56	.53
614-373	29	9.5 x 1.6	SR68, SR916SW	.88	.84	.79
614-377	30	6.8 x 2.6	SR66, SR626, SR626SW	.59	.56	.53
614-379	16	5.8 x 2.1	SR63, SR521, SR521SW	.64	.61	.58
614-384	45	7.9 x 3.6	SR41, SR41SW	.50	.48	.46
614-390	80	11.6 x 3.1	SR54, SR1130SW	.74	.70	.67
614-394	84	9.5 x 3.6	SR936SW	.72	.68	.65
614-395	57	9.5 x 2.6	SR57, SR927SW	.62	.59	.56
614-397	35	7.9 x 2.6	SR59, SR726SW	.59	.56	.53

1.55V Silver-Oxide

- High drain
- For watches, calculators, and cameras

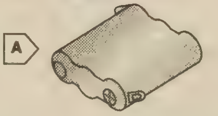
* Priced per package of 2

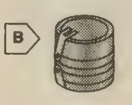
	MOUSER STOCK NO.	Nominal Capacity (mAh)	Dimensions (mm)	Replaces	1	10	50
*	614-357	190	11.6 x 5.4	SR44, SR1154, SR44W	2.05	1.96	1.86
	614-370	38	9.5 x 2.1	SR69, SR920W	.59	.56	.53
	614-376	30	6.8 x 2.6	SR66, SR626W	.65	.61	.58
	614-386	130	11.6 x 4.2	SR43, SR1142, SR43W	.76	.72	.69
	614-389	80	11.6 x 3.1	SR54, SR1130, SR1130W	.64	.61	.58
	614-391	50	11.6 x 2.1	SR55, SR1121, SR1120W	.60	.57	.54
	614-392	45	7.9 x 3.6	SR41, SR736, SR41W, D392	.47	.45	.42
	614-393	80	7.9 x 5.4	SR48, SR754, SR754W	.68	.65	.62
	614-396	32	7.9 x 2.6	SR59, SR726W	.63	.60	.57
	614-399	57	9.5 x 2.6	SR57, SR927W	.64	.61	.58

GP 3.6V BATTERY PACKS

Features:

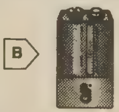
- Termination: solder tab
- For cordless devices

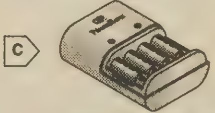




MOUSER STOCK NO.	Fig.	Size	Type	Capacity (mAh)	Price Each			
					1	10	25	100
573-30AAK3B1P	A	3 x 2/3 AA	Ni-Cad	300	4.99	4.50	3.99	3.81
573-60AAK3BP	A	3 x AA	Ni-Cad	600	4.99	4.50	3.99	3.81
573-320BVH3A1H	B	3 x button cells	NiMH	320	4.88	4.40	3.84	3.52

GP NICKEL METAL HYDRIDE BATTERIES AND CHARGER





MOUSER STOCK NO.	Fig.	Description	Cap. (mAh)	Price Each			
				1	10	25	100
573-GP130AA	A	AA	1300	2.42	2.22	1.92	1.72
573-GP15F7H0	B	9V	150	6.29	5.76	4.98	4.45
573-GPKB	C	Power Bank charger w/ 4 AA	- - -	19.95	16.80	- - -	- - -

GP NICKEL-CADMIUM RECHARGEABLE

- Long life
- Sealed, strong, leakproof construction
- Excellent discharge characteristics

MOUSER STOCK NO.	Size	Volts	Capacity (mAh)	Price Each			
				1	10	25	100
573-60AAK	AA	1.2	600	1.60	1.49	1.36	1.20
573-70AAK	AA	1.2	700	1.85	1.69	1.55	1.39
573-80AAK	AA	1.2	800	2.39	2.09	1.85	1.60
573-95AAK	AA	1.2	950	3.09	2.77	2.57	1.98
573-15F8K	9V	8.4	150	7.99	6.99	6.29	6.00

POWER PS SONIC NICKEL-CADMIUM RECHARGEABLE

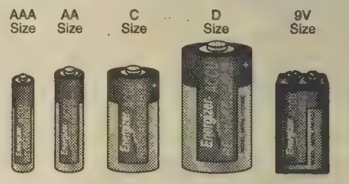
- Nominal voltage: 1.2V

MOUSER STOCK NO.	Size	Description	Capacity 5 Hr. Rate (mAh)	Std. Charge		Price Each			
				(mA)	(Hrs)	1	10	20	50
547-PS-AAA	AAA	Std. button top	180	18	15	1.65	1.50	1.38	1.33
547-PS-AAA-T	AAA	With solder tabs	180	18	15	1.80	1.65	1.53	1.48
547-PS-AA	AA	Std. button top	600	50	15	1.50	1.35	1.23	1.19
547-PS-AA/FT	AA	Flat top	600	50	15	1.50	1.35	1.23	1.19
547-PS-AA-T	AA	With solder tabs	600	50	15	1.65	1.50	1.38	1.33
547-PS-SC	SC	Std. button top	1300	120	15	2.60	2.30	2.10	2.03
547-PS-SC-T	SC	With solder tabs	1300	120	15	2.75	2.45	2.25	2.18
547-PS-C	C	Std. button top	2000	180	15	5.00	4.50	4.06	3.92
547-PS-C-T	C	With solder tabs	2000	180	15	5.15	4.65	4.21	4.08
547-PS-D	D	Std. button top	4000	400	15	7.60	6.80	6.16	5.95

ENERGIZER ACCU RECHARGEABLE NICKEL METAL-HYDRIDE BATTERIES

brand Battery

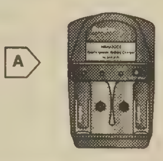
- Designed for high-drain devices
- Batteries charge up to 1,000 times
- Provides up to 70% more power than standard NiCd

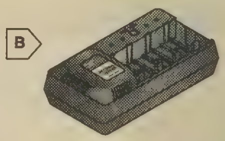


MOUSER STOCK NO.	Size	Nominal Voltage	Capacity (mAh)	Batteries Per Pkg.	Price Per Pkg.		
					1	12	48
525-NH12BP-2	AAA	1.2	650	2	8.41	7.47	7.01
525-NH15BP-4	AA	1.2	1200	4	14.53	12.90	12.11
525-NH35BP-2	C	1.2	2200	2	10.60	9.42	8.84
525-NH50BP-2	D	1.2	2200	2	10.60	9.42	8.84
525-NH22NBP	9V	7.2	150	1	10.60	9.42	8.84

ENERGIZER ACCU RECHARGEABLE NiMH / NiCd BATTERY CHARGERS

brand Battery





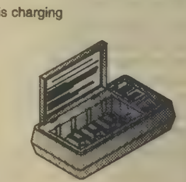
- Quickly charges NiMH or NiCd rechargeable batteries
- LED Indicators make it easy to see when the batteries are fully charged

* 525-CHM4AAWB comes with two AA batteries

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	6
525-CHM4AAWB	A	Charges 2-4 AAA or AA, or 1-2 9V batteries	23.99	19.99
525-CHM4FC	B	Charges 2-4 AAA, AA, C, D, or 1-2 9V batteries	24.99	21.99

NICKEL-CADMIUM BATTERY CHARGER

- Uses 110-120V household current with LED lamps to indicate when charger is charging
- **Recharges 2 or 4 of any size AAA, AA, C, D, or one 9V cell at a time**
- Charging time: AAA, AA (4-6 hours); 9V (12-14 hours); C, D (14-18 hours)



MOUSER STOCK NO.	Price Each		
	1	10	100
41AC301	14.55	13.67	12.21

Lithium Batteries and Battery Holders

RENATA 3V LITHIUM COIN CELLS

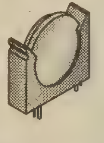
- For electronic devices and memory back-up

Blister Card / **Bulk Package**

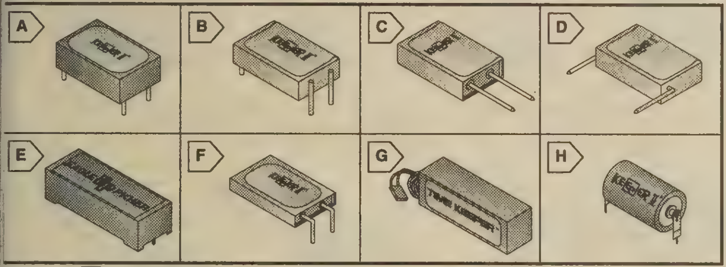
MOUSER STOCK NO.	Nominal Capacity (mAh)	Dimensions (mm)	Price Each 1	10	50	MOUSER STOCK NO.	Qty. Per Case	Price Ea. Case 1	5
614-CR1025	30	10.0 x 2.5	1.03	.98	.93	614-CR1025BU	500	320.00	300.00
614-CR1216	25	12.5 x 1.6	1.03	.98	.93	614-CR1216BU	500	320.00	300.00
614-CR1220	38	12.5 x 2.0	.82	.78	.75	614-CR1220BU	500	287.00	266.50
614-CR1225	48	12.5 x 2.5	.97	.92	.87	614-CR1225BU	500	308.00	286.00
614-CR1616	50	16.0 x 1.6	.82	.78	.75	614-CR1616BU	250	108.50	100.75
614-CR1620	68	16.0 x 2.0	.82	.78	.75	614-CR1620BU	250	133.00	123.50
614-CR1632	125	16.0 x 3.2	1.85	1.76	1.67	614-CR1632BU	250	154.00	143.00
614-CR2016	75	20.0 x 1.6	.82	.78	.75	614-CR2016BU	250	94.50	87.75
614-CR2025	148	20.0 x 2.5	.82	.78	.75	614-CR2025BU	250	94.50	87.75
614-CR2032	200	20.0 x 3.2	.82	.78	.75	614-CR2032BU	250	87.50	81.25
614-CR2320	150	23.0 x 2.0	1.13	1.07	1.02	614-CR2320BU	200	123.20	114.40
614-CR2325	190	23.0 x 2.5	1.23	1.17	1.11	614-CR2325BU	200	123.20	114.40
614-CR2430	285	24.5 x 3.0	1.23	1.17	1.11	614-CR2430BU	200	123.20	114.40
614-CR2450N	540	24.5 x 5.0	2.20	2.09	1.99	614-CR2450NBU	150	134.40	124.80
614-CR2477N	950	24.5 x 7.7	2.90	2.77	2.64	614-CR2477NBU	100	176.40	163.80

RENATA VERTICAL PC MOUNT BATTERY HOLDER

- Snap-on fixing for button cells
- Clear separation of contacts
- Safety against short circuits, inverse polarity and leak currents
- Easy and safe PCB mounting due to additional supports
- For wave-soldering
- Silver/palladium contacts
- Tin plated solder pins



MOUSER STOCK NO.	For Use With	Price Each 1	10	50	100
614-NH5077	CR2450N or CR2477N	3.52	3.17	2.99	2.64



EAGLE PICHER BATTERIES

- Stainless steel construction for corrosion resistance
- Hermitically sealed to ensure long life and non leakage at high temperatures
- Flat discharge characteristics
- Stand-by power for 10 years and more
- Wave solderability up to 5 seconds
- Years of low-rate, continuous use
- Unrestricted shipping

KEEPER II® Lithium

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Dimensions (In.) L	W	T	Wt. (Gms.)	Price Each 1	10	50
521-7P	A	3.5V 750mAH	1.20	.70	.35	9.0	6.10	5.90	5.29
521-7PN	B	3.5V 750mAH	1.00	.65	.25	6.8	5.94	5.74	5.15
521-3PN	B	3.5V 350mAH	.60	.65	.25	4.0	5.60	5.40	4.85
521-3PNS2	C	3.5V 350mAH	.65	.25	.60	4.0	5.09	4.92	4.41
521-7PNS4	C	3.5V 750mAH	.65	.25	1.00	6.8	5.65	5.46	4.90
521-7PNS6	D	3.5V 750mAH	1.00	.25	.65	6.8	5.80	5.60	5.02
521-3PNS4	D	3.5V 350mAH	.60	.25	.65	4.0	5.35	5.17	4.63
521-16PCOFS11	E	3.5V 1.6AH	1.86	.66	.66	25.0	7.92	7.56	6.86

KEEPER II® MAGNUM™

For quantities greater than listed, call for quote.

521-16M	A	3.5V 1.6AH	1.71	.99	.37	20	8.69	8.30	7.53
521-16MS2	F	3.5V 1.6AH	1.50	.90	.28	16	8.53	8.14	7.40

TIME KEEPER™ Computer

For quantities greater than listed, call for quote.

521-16PCOFS7	G	3.65V 1.6AH	1.90	.70	.72	30.0	9.58	9.26	8.30

KEEPER II® Cylindrical

For quantities greater than listed, call for quote.

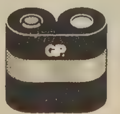
MOUSER STOCK NO.	Fig.	Description	Size	Dimen. (In.) L	D	Wt. (Gms.)	Price Each 1	10	50
521-9CPT	H	3.6V x .95AH	1/2 AA	.985	.540	6.6	6.75	6.53	5.87

GP LITHIUM PHOTO /COMPUTER BATTERIES

- Environmentally responsible - contains no mercury, cadmium, or lead
- Delivers exceptionally high energy over a wide temperature range
- Fits cameras and flashes that use 3V or 6V lithium batteries
- Provides back-up for many personal computers

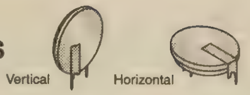
MOUSER STOCK NO.	Price Each 1	10	50
573-CR123A	3.50	3.30	3.20
573-CRP2	7.00	6.60	6.40
573-2CR5	7.20	6.75	6.50

CR123A (3V)


CRP2 (6V)

2CR5 (6V)

RENATA 3V PC MOUNT COIN CELLS



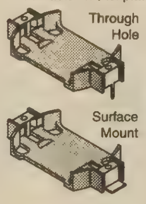
For quantities greater than listed, call for quote.

	Vertical MOUSER STOCK NO.	Horizontal MOUSER STOCK NO.	Nominal Capacity (mAh)	Dimensions (mm)	Price Each 1	10	50	100
*	614-CR1220FV	*614-CR1220FH	38	12.5 x 2	1.43	1.30	1.30	1.20
*	614-CR1225FV	*614-CR1225FH	48	12.5 x 2.5	1.38	1.24	1.10	.95
	------------	*614-CR2025FH	148	20 x2.5	1.43	1.36	1.31	1.26
†	614-CR2025RV	†614-CR2025RH	148	20 x2.5	1.43	1.36	1.31	1.26
†	614-CR2032RV	†614-CR2032RH	200	20 x 3.2	1.43	1.36	1.31	1.26
*	614-CR2032FV	*614-CR2032FH	200	20 x 3.2	1.43	1.36	1.31	1.26
*	614-CR2320FV	------------	150	23 x 2.0	1.50	1.43	1.36	1.29
*	614-CR2325FV	*614-CR2325FH	190	23 x 2.5	1.94	1.64	1.41	1.31
†	614-CR2450NRV	†614-CR2450NRH	540	24.5 x 5	2.20	2.00	1.85	1.67
*	614-CR2450NFV	*614-CR2450NFH	540	24.5 x 5	2.20	2.00	1.85	1.67
*	614-CR2477NFV	*614-CR2477NFH	950	24.5 x 7.7	3.64	3.17	3.02	2.97

* Two pin configuration † Three pin configuration

RENATA BUTTON CELL BATTERY HOLDERS

- Positive retention of battery • Safety against inverse polarity and leak currents
- Holder material: heat resistant, glass-fiber filled LCP
- Contacts: nickel plated stainless steel



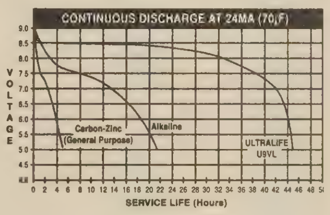
For quantities greater than listed, call for quote.

Through Hole MOUSER STOCK NO.	Surface Mount MOUSER STOCK NO.	For Use With	Price Each 1	10	50	100
614-HU1225-1	614-SMTU1225-1	CR1225	.80	.72	.68	.64
614-HU2032-1	614-SMTU2032-1	CR2032	.82	.74	.70	.66
614-HU2430-1	-------------	CR2430	.84	.76	.71	.67
614-HU2450N-1	614-SMTU2450N-1	CR2450N	.86	.77	.73	.69
614-HU2477N-1	614-SMTU2477N-1	CR2477N	.88	.79	.75	.70

ULTRALIFE® LITHIUM 9-VOLT BATTERY

- Long shelf life - up to 10 years • Environmentally responsible - contains no mercury, cadmium, or lead
- Ideal for medical equipment, instrumentation, security/alarm systems • Packaged in lithium foil package

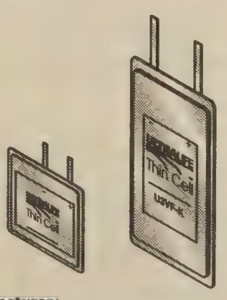
- Length: 1.039"
- Width: .674"
- Height: 1.933"
- Weight: 1.35 oz.
- Rating: 1,200 mAh
- Temperature range: -40°C to +70°C

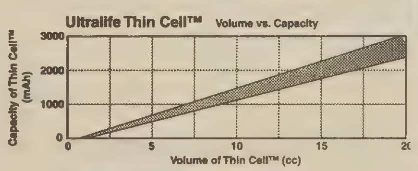


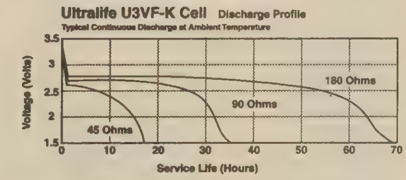
MOUSER STOCK NO.	Price Each 1	12	24
5169-U9VL-FP	6.16	5.78	5.58

ULTRALIFE® THIN CELL™ LITHIUM 3-VOLT BATTERIES

Wafer thin - as thin as .044 inch (1.1mm) - Ideal for multiple applications: "smart cards", toll collection transponders, electronic inventory identification tags - any device that demands compact, efficient, high-energy batteries. With their prismatic form factor and high ratio of active materials to packaging, Thin Cells™ can fill virtually any battery cavity super-efficiently. Thin Cells™ operate from -20°C to +50°C and can deliver over 150mAh of capacity per cubic centimeter of active material.




Ultralife Thin Cell™ Volume vs. Capacity
Capacity of Thin Cell™ (mAh)
3000
2000
1000
0
0
5
10
15
20
Volume of Thin Cell™ (cc)



Features:

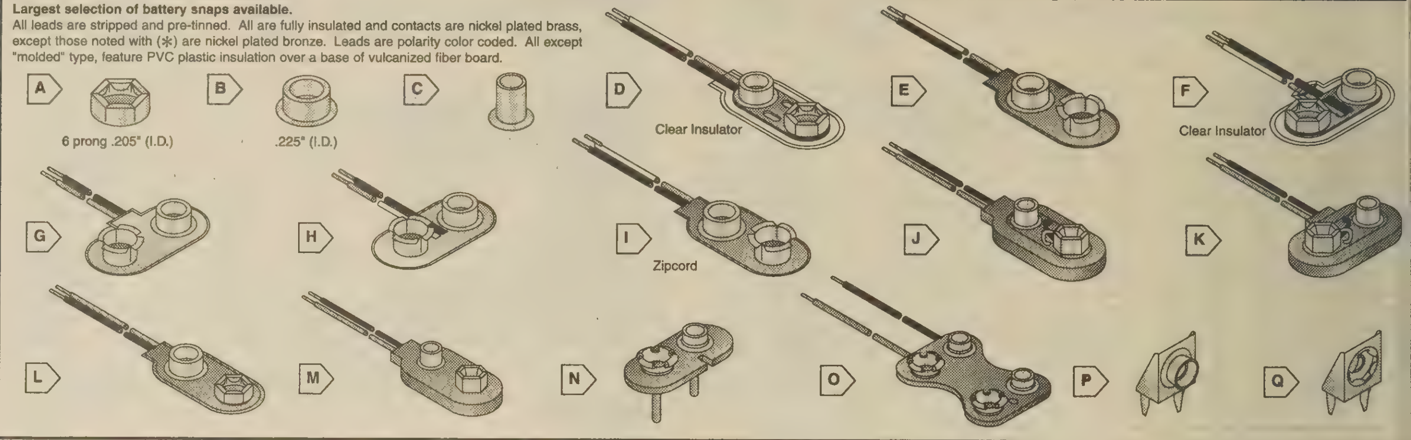
- Operate from -20°C to +85°C
- Lithium-manganese dioxide chemistry
- Light weight
- Contains no mercury, cadmium, lead, or other toxic metals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Dimensions (In.)	Price Each	12	24
5169-U3VF-L-T	1.52 x 1.18 x .08	9.32	8.47	7.70
5169-U3VF-K-T	2.90 x 1.81 x .09	12.11	11.01	10.01

9V Battery Snaps

Largest selection of battery snaps available.
All leads are stripped and pre-tinned. All are fully insulated and contacts are nickel plated brass, except those noted with (*) are nickel plated bronze. Leads are polarity color coded. All except "molded" type, feature PVC plastic insulation over a base of vulcanized fiber board.



- Standard 9 volt size (.5" snap spacing)
- Available with 4, 5, or 6 prong contacts
- Black (except where noted)
- Available in 22AWG, 24AWG, and 26AWG stranded lead wires
- Male snap: .225" (O.D.)
- Female snap: .205" (I.D.)

EAGLE MINI BATTERY SNAPS AND RIVETS

- Rivets can be applied to PC boards, battery holders, battery packs, etc.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	1,000	10,000
12BC269	A	Mini battery female snap	.03	.024	.022	.020
12BC261	B	Mini battery male snap	.03	.024	.022	.020
48BC001	C	Mini rivet for snap	.03	.024	.022	.020

STANDARD BATTERY SNAPS

MOUSER STOCK NO.	Fig.	Wire Size	Lead Length (In.)	Contacts	Price Each			
					1	100	1,000	10,000
12BC310	D	26AWG	4	6 Prong	.33	.24	.19	.170
12BC309	D	26AWG	6	6 Prong	.37	.26	.20	.178
12BC005	E	26AWG	4	4 Prong	.28	.20	.15	.132
12BC025	E	26AWG	5	4 Prong	.28	.20	.15	.132
* 12BC009	E	26AWG	6	4 Prong	.28	.20	.15	.132
12BC008	E	26AWG	8	4 Prong	.29	.21	.16	.143
* 12BC013	E	26AWG	10	4 Prong	.31	.22	.17	.150
12BC012	E	26AWG	12	4 Prong	.39	.28	.21	.188
12BC311	F	26AWG	4	6 Prong	.39	.28	.21	.188
12BC006	G	26AWG	4	4 Prong	.31	.22	.17	.156
12BC095	G	26AWG	5	4 Prong	.31	.22	.17	.156
12BC092	G	26AWG	6	4 Prong	.31	.22	.17	.156
12BC002	G	26AWG	8	4 Prong	.32	.23	.18	.163

- UL listed wire

12BC104	E	26AWG	4	4 Prong	.37	.26	.20	.18
12BC106	E	26AWG	6	4 Prong	.39	.28	.21	.19
12BC110	E	26AWG	10	4 Prong	.44	.32	.23	.21
12BC134	E	24AWG	4	4 Prong	.42	.30	.22	.20
12BC136	E	24AWG	6	4 Prong	.44	.31	.23	.21
12BC154	E	22AWG	4	4 Prong	.44	.32	.23	.21
12BC156	E	22AWG	6	4 Prong	.49	.35	.26	.24
12BC160	E	22AWG	10	4 Prong	.54	.40	.29	.26
12BC124	G	26AWG	4	4 Prong	.37	.26	.20	.18
12BC126	G	26AWG	6	4 Prong	.39	.28	.21	.19
12BC130	G	26AWG	10	4 Prong	.44	.32	.23	.21
121-2204	H	26AWG	4	4 Prong	.37	.26	.20	.18
121-2206	H	26AWG	6	4 Prong	.39	.28	.21	.19
12BC144	H	24AWG	4	4 Prong	.42	.30	.22	.20
12BC146	H	24AWG	6	4 Prong	.44	.32	.23	.21
12BC164	H	22AWG	4	4 Prong	.44	.32	.23	.21
12BC166	H	22AWG	6	4 Prong	.49	.35	.26	.23

- Zipcord leads (black and white)

12BC015	I	24AWG	4	4 Prong	.37	.26	.20	.185
12BC010	I	24AWG	6	4 Prong	.42	.30	.22	.20
* 12BC016	I	24AWG	10	4 Prong	.44	.33	.24	.222

EAGLE BATTERY SNAPS

Molded 5000 Series

A unique 2 piece molded design. Leads are attached to the snaps with copper solderless ring terminals for extra strength and reliability. 7-strand copper conductor (tin overcoated).

- UL listed wir

MOUSER STOCK NO.	Fig.	Wire Size	Lead Length (In.)	Contacts	Price Each			
					1	100	1,000	10,000
123-5004	J	26AWG	4	6 Prong	.36	.22	.20	.18
123-5006	J	26AWG	6	6 Prong	.36	.22	.20	.18
123-5008	J	26AWG	8	6 Prong	.41	.24	.22	.20
123-5114	K	26AWG	4	6 Prong	.41	.24	.22	.20
123-5116	K	26AWG	6	6 Prong	.39	.23	.21	.20
123-5118	K	26AWG	8	6 Prong	.43	.26	.23	.21

6000 Series

- Precision riveting-no cracks or bursts
- Conforms to IEC standards
- Pull tested to withstand 18lbs. of force from any direction
- Crimp leads eliminate cold solder joints
- Leads made of UL listed wire with overcoated conductor to minimize corrosion
- Jacket color: silver

MOUSER STOCK NO.	Fig.	Wire Size	Lead Length (In.)	Contacts	Price Each			
					1	100	1,000	10,000
123-6004	L	26AWG	4	6 Prong	.31	.15	.14	.13
123-6005	L	26AWG	5	6 Prong	.32	.16	.15	.14
123-6006	L	26AWG	6	6 Prong	.33	.17	.16	.14
123-6008	L	26AWG	8	6 Prong	.36	.18	.17	.15

Molded *PREMIUM* 7000 Series

A unique 2 piece molded design. Leads are attached to the snaps with copper solderless ring terminals for extra strength and reliability.

Features:

- High reliability 6 prong nickel plated brass snaps
- Attractive white housing with light blue cover
- UL/CSA 1007 24AWG stripped and tinned wire
- Solderless ring terminals eliminate cold solder joints

123-7014	M	24AWG	4	6 Prong	.83	.42	.38	.35
123-7016	M	24AWG	6	6 Prong	.83	.42	.38	.35
123-7020	M	24AWG	10	6 Prong	.89	.45	.42	.38

KEYSTONE ELECTRONICS CORP. "9 VOLT" PC CONNECTOR

- One piece construction
- Wave solderable
- Anti-wicking design

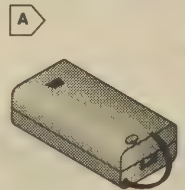
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
534-968	N	9 volt PC connector	1.01	.50	.43	.41
534-227	O	Parallel 9V dual battery snap	1.55	1.29	1.20	1.02
534-635	P	PCB snap-ons, male connector	.23	.22	.182	1.55
534-636	Q	PCB snap-ons, female connector	.28	.26	.186	.147

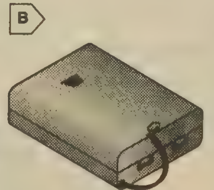
EAGLE BATTERY HOLDERS WITH COVERS AND ON-OFF SWITCH

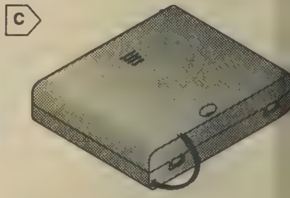
- Color: black
- Nickel plated hardware

NEW THIS ISSUE

MOUSER STOCK NO.	Fig.	No. of Cells	Size	Description	Price Each		
					1	10	100
12BH325/C	A	2	AA	6" leads tinned 3/16" w/cover	.74	.58	.53
12BH325/CS	A	2	AA	6" leads tinned 3/16" w/cover & switch	.92	.70	.64
12BH331/C	B	3	AA	6" leads tinned 3/16" w/cover	.96	.74	.67
12BH331/CS	B	3	AA	6" leads tinned 3/16" w/cover & switch	1.11	.85	.78
12BH348/C	C	4	AA	6" leads tinned 3/16" w/cover	1.02	.81	.73
12BH348/CS	C	4	AA	6" leads tinned 3/16" w/cover & switch	1.27	.98	.89
12BH421/C	A	2	AAA	6" leads tinned 3/16" w/cover	.85	.65	.59
12BH421/CS	A	2	AAA	6" leads tinned 3/16" w/cover & switch	1.06	.82	.74
12BH431/C	B	3	AAA	6" leads tinned 3/16" w/cover	1.13	.87	.79
12BH431/CS	B	3	AAA	6" leads tinned 3/16" w/cover & switch	1.24	1.03	.94
12BH441/C	C	4	AAA	6" leads tinned 3/16" w/cover	1.28	1.07	.97
12BH441/CS	C	4	AAA	6" leads tinned 3/16" w/cover & switch	1.54	1.28	1.16







EAGLE Battery Holders

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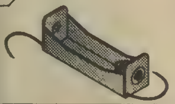

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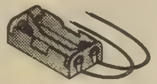

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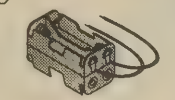

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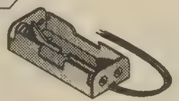

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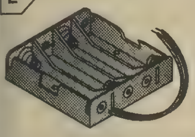

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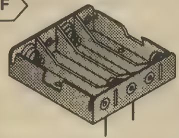

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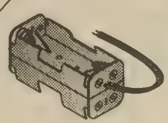

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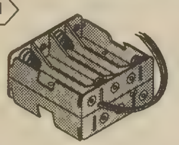

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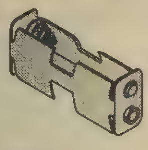

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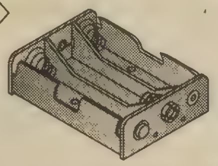

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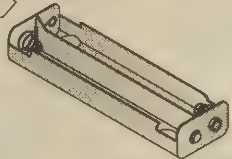

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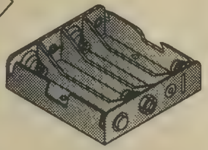

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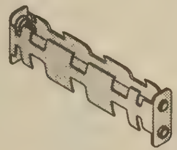

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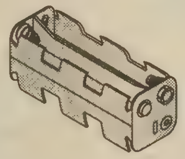

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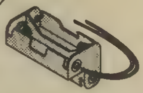

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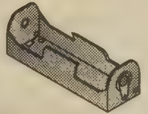

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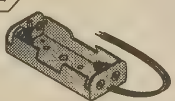

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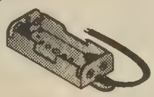

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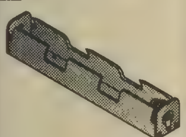

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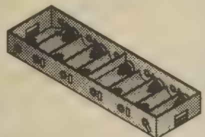

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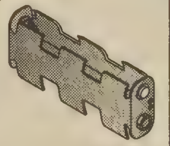

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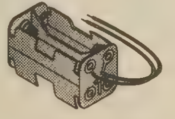

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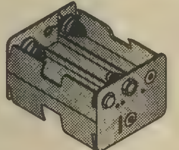

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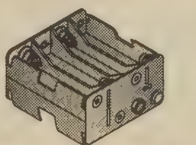

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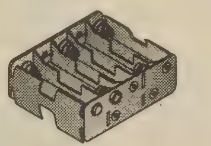

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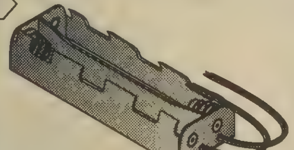

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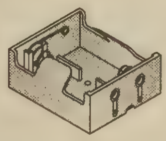

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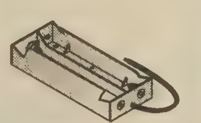

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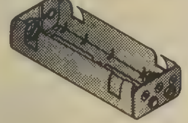

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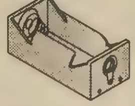

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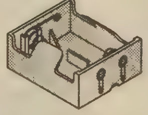

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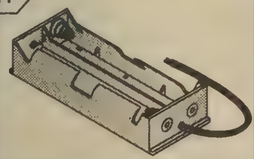

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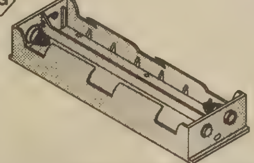

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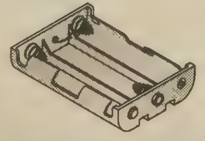

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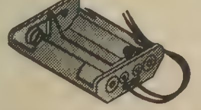

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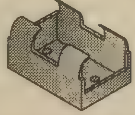

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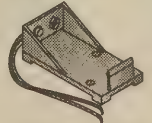


Battery holders are constructed using an "unbreakable" type plastic. Nickel-plated hardware provides excellent corrosion resistance from battery acid.

Snap Size: Large = Male .275" (O.D.) Female .250" (I.D.) Mini = Male .225" (O.D.) Female .205" x (I.D.)

"N" SIZE BATTERY HOLDERS

Standard For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH510	A	1	Black	6" leads-tinned 3/16"	.58	.39	.35
12BH511	A	1	Black	Solder tabs	.58	.39	.35
12BH512	A	1	Black	PC mount-solder legs	.58	.39	.35
12BH521	B	2	Black	6" leads-tinned 3/16"	.58	.40	.37
12BH541	C	4	Black	6" leads-tinned 3/16"	.95	.80	.73

"AAA" SIZE BATTERY HOLDERS

Standard For quantities greater than listed, call for quote.

12BH410	A	1	Black	6" leads-tinned 3/16"	.45	.37	.31
12BH411	A	1	Black	Solder tabs	.58	.39	.35
12BH412	A	1	Black	PC mount-solder legs	.59	.39	.36
122-0421	D	2	Black	6" leads-tinned 3/16"	.69	.65	.57
12BH423	D	2	Black	PC mount-solder legs	.69	.65	.57
12BH424	D	2	Black	Mini snaps spaced .50"	.69	.65	.57
12BH441	E	4	Black	6" leads-tinned 3/16"	1.04	.80	.73
12BH442	F	4	Black	PC mount-solder legs	1.20	.92	.84
12BH443	G	4	Black	6" leads-tinned 3/16"	.94	.73	.66
12BH481	H	8	Black	6" leads-tinned 3/16"	1.22	1.02	.92

"AA" SIZE BATTERY HOLDERS

High Reliability For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH321	I	2	White	Mini snaps spaced .50"	1.21	1.00	.91
12BH333	J	3	Black	Mini snaps spaced .50"	2.00	1.67	1.51
12BH334	J	3	Black	6" leads-tinned 3/16"	2.41	1.99	1.83
12BH344	K	4	White	Mini snaps spaced .50"	2.15	1.79	1.63
12BH352	K	4	White	Solder tabs	1.87	1.56	1.41
12BH447	L	4	Black	Mini snaps spaced .50"	2.18	1.81	1.65
12BH362	M	6	White	Mini snaps spaced .50"	1.78	1.48	1.34
12BH363	M	6	White	6" leads-tinned 3/16"	2.21	1.84	1.68
12BH382	N	8	Black	Mini snaps spaced .50"	2.08	1.73	1.57
12BH332	O	3	White	4.5" leads-tinned 3/16"	2.06	1.72	1.56

Standard For quantities greater than listed, call for quote.

12BH331	J	3	Black	6" leads-tinned 3/16"	.85	.65	.59
12BH348	L	4	Black	6" leads-tinned 3/16"	.85	.65	.59
12BH349	L	4	Black	PC mount-solder legs	.85	.65	.59
12BH351	L	4	Black	Solder tabs	.85	.65	.59
12BH347	L	4	Black	Mini snaps spaced .50"	.85	.65	.59
12BH335	O	3	Black	6" leads-tinned 3/16"	.84	.64	.58
12BH311	P	1	Black	Solder tabs	.61	.46	.39
12BH325	Q	2	Black	6" leads-tinned 3/16"	.54	.36	.33
12BH323	R	2	Black	6" leads-tinned 3/16"	.60	.40	.37
12BH324	S	2	Black	Solder tabs	.60	.40	.37
12BH309	T	10	Black	Solder tabs	2.00	1.67	1.52
12BH341	U	4	Black	Mini snaps spaced .50"	.74	.56	.50
12BH350	V	4	Black	6" leads-tinned 3/16"	.79	.61	.55
12BH361	W	6	Black	Mini snaps spaced .50"	1.07	.82	.75
12BH381	X	8	Black	Mini snaps spaced .50"	1.30	1.08	.98
12BH310	Y	10	Black	Mini snaps spaced .50"	1.60	1.32	1.19
12BH326	Z	6	Black	6" leads-tinned 3/16"	1.02	.85	.77

"C" SIZE BATTERY HOLDERS

High Reliability For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Color	Description	Price Each		
					1	10	100
12BH221	AA	2	White	Solder tabs	1.87	1.56	1.41
12BH249	BB	4	White	8" leads-tinned 3/16"	2.48	2.07	1.88
12BH265	CC	6	White	8" leads-tinned 3/16"	2.91	2.42	2.20

Standard For quantities greater than listed, call for quote.

12BH261	CC	6	Black	Mini snaps spaced .50"	1.59	1.32	1.20
12BH263	CC	6	Black	6" leads-tinned 3/16"	1.59	1.32	1.20

"D" SIZE BATTERY HOLDERS

High Reliability For quantities greater than listed, call for quote.

12BH111	DD	1	White	Solder tabs	1.36	1.13	1.03
12BH122	EE	2	White	Solder tabs	2.28	1.90	1.73
12BH145	FF	4	White	8" leads-tinned 3/16"	3.72	3.10	2.82
12BH161	GG	6	White	Lg. snaps spaced 1.32"	3.84	3.20	2.92
12BH162	HH	6	White	Lg. snaps spaced 1.32"	4.45	3.71	3.37

Standard For quantities greater than listed, call for quote.

12BH146	FF	4	Black	6" leads-tinned 3/16"	1.29	.99	.90
12BH121	EE	2	Black	Solder tabs	1.09	.90	.79
12BH123	II	2	Black	8" leads-tinned 3/16"	1.04	.80	.73

"9V" SIZE BATTERY HOLDERS

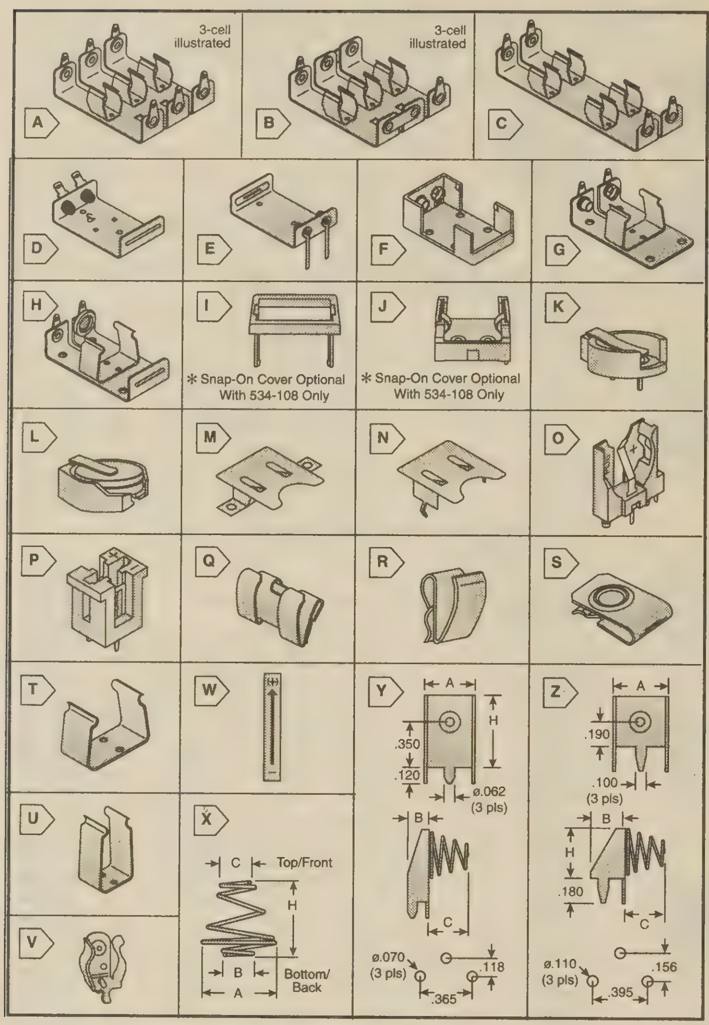
High Reliability For quantities greater than listed, call for quote.

12BH614	JJ	1	Black	Cradle (no leads)	1.67	1.39	1.27

Standard For quantities greater than listed, call for quote.

12BH610	KK	1	Black	6" leads-tinned 3/16"	.99	.89	.79
12BH611	KK	1	Black	PC mount-solder legs	.99	.89	.79

KEYSTONE ELECTRONICS CORP. Battery Holders, Clips, and Spring Contacts



ALUMINUM BATTERY HOLDERS

In series type holders feature pre-connected jumper strap insulated from the aluminum base. Batteries held in series circuit without additional wiring.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Cells	Type	Price Each 1	10	100
"AA" Size						
534-139	A	1	One cell individually connected	.74	.62	.57
534-140	A	2	Two cells individually connected	1.41	1.31	1.14
534-146	B	2	Two cells connected in series	1.82	1.52	1.42
534-171	A	3	Three cells individually connected	2.33	2.03	1.77
534-147	B	3	Three cells connected in series	3.16	2.63	2.33
534-192	C	4	Four cells individually connected	2.26	1.95	1.70
534-148	C	4	Four cells connected in series	2.80	2.33	2.07
"C" Size						
534-173	A	1	One cell individually connected	.88	.78	.69
534-174	A	2	Two cells individually connected	1.56	1.35	1.20
534-149	B	2	Two cells connected in series	1.94	1.62	1.53
534-151	C	4	Four cells connected in series	3.02	2.52	2.24
"D" Size						
534-175	A	1	One cell individually connected	1.02	.89	.78
534-176	A	2	Two cells individually connected	1.83	1.58	1.40

"6V" LITHIUM BATTERY HOLDERS

- For Eveready EL223A or equivalent

MOUSER STOCK NO.	Fig.	No. of Cells	Terminal Type	Price Each 1	10	100
534-223	D	1	Quick disconnect/solder lug	2.00	1.67	1.57
534-224	E	1	PC	2.12	1.77	1.62

"9V" BATTERY HOLDERS

Glass Filled Nylon

- Terminals: tin plated brass
- Contacts: nickel plated steel

For quantities greater than listed, call for quote.

534-1294	F	1	PC	.80	.73	.64
534-1295	F	1	Solder	.77	.69	.62

Aluminum

- Solder & PC lugs: tin plated brass
- Contacts & clips: nickel plated steel
- Insulation: resin impregnated fibre

534-1290	G	1	Solder	1.22	1.02	.94
534-1291	G	1	PC	1.48	1.23	1.15
534-203	H	1	Solder	1.16	.97	.85

PC BATTERY HOLDERS

- Snap-in design

*UL 94V-0 mater

MOUSER STOCK NO.	Fig.	Description	Price Each 1	10	10
* 534-108A	I	1 cell; Cover only	.40	.39	.3
* 534-108	J	1 cell; 1/2 AA size	1.53	1.26	1.1
534-1028	J	1 cell; AA size	1.52	1.27	1.0

PC MOUNT COIN CELL BATTERY HOLDERS

- Contact material: nickel over copper plated spring steel
- Housing material: glass-filled nylon, UL 94V-0

534-501	K	2-ø12mm cells; BR1216, CR1216, BR1220, CL1220, CR1220, BR1225	1.02	.94	.82
534-502	K	1-ø16mm cell; BR1616, CR1616, CR1620, CR1632	.84	.70	.64
534-103	K	1-ø20mm cell; BR2016, BR2020, BR2025, BR2032	.89	.68	.64
534-104	K	1-ø23mm cell; BR2320, BR2325, BR2330, BR2335	.89	.68	.64
534-301	K	1-ø30mm cell; BR3032	.89	.68	.64

PC MOUNT COIN CELL BATTERY HOLDERS

- Made of UL approved glass-filled nylon 94V-0

For quantities greater than listed, call for quo

534-500	K	Holds 3-volt cell, .47" dia. x .1"	1.17	.96	.87

MOUSER STOCK NO.	Fig.	No. of Cells	Duracell	Ray-O-Vac Panasonic	Eveready GP	Price Each 1	10	100
534-105	K	1	- - - - -	- - - - -	- - - - -	.74	.71	.61
534-1025	K	2	DL2430 DL2450	- - - - - - - - - -	- - - - - - - - - -	.99	.86	.69
534-106	K	1	DL2016	BR2016	CR2016	.74	.71	.61
534-1026	K	2	DL2025 DL2032 - - - - -	CR2016 CR2025 BR2032	CR2025 CR2023 CR2032	.99	.86	.69
534-107	K	1	CR2316 - - - - -	BR2320 CR2325	- - - - - - - - - -	.74	.71	.61
534-1027	K	2	- - - - -	BR2330	- - - - -	.99	.86	.69

SURFACE MOUNT COIN CELL BATTERY HOLDERS

- Contact: tin over nickel plated steel
- Housing: Nylon, Stanyl-46
- Temp. rating: -15°C to 282°C

MOUSER STOCK NO.	Fig.	No. of Cells	Cell Dia.	Fits Battery Types	Price Each 1	10	100
534-1061	L	1	20mm	2016, 2025, 2032	1.12	1.02	.92
534-1062	L	2	20mm	2016, 2025, 2032	1.12	1.02	.92

SURFACE AND THRU HOLE MOUNT COIN CELL HOLDERS

- Spring: nickel plated steel

For quantities greater than listed, call for quot

MOUSER STOCK NO.	Fig.	Cell Dia.	Description	Price Each 1	10	100
Horizontal						
534-3000	M	12mm	BR1216, BR1220, BR1225	.21	.19	.18
534-3002	M	20mm	BR2016, BR2020, BR2025, BR2032	.21	.19	.18
534-3004	M	23mm	BR2320, BR2325, BR2330	.21	.19	.18
534-3006	M	24mm	CR2430, DL2430	.21	.19	.18
534-3001	N	12mm	BR1216, BR1220, BR1225	.22	.20	.18
534-3003	N	20mm	BR2016, BR2020, BR2025, BR2032	.22	.20	.18
534-3005	N	23mm	BR2320, BR2325, BR2330	.22	.20	.18
Vertical						
534-1065	O	20mm	Fits all major mfg. 20mm batteries	.90	.83	.72
534-1067	P	20mm	Fits all major mfg. 20mm batteries	.90	.83	.72

SNAP-ON BATTERY CLIPS

- Self-anchoring
- Clips over panels from .060" to .070" thic

MOUSER STOCK NO.	Fig.	No. of Cells	Description	Price Each 1	100	500
534-202	Q	2	AAA, AAAA and N snap-on double clip	.26	.20	.17
534-204	R	1	AAA, AAAA and N snap-on clip	.15	.12	.10
534-209	R	1	AA snap-on clip	.15	.12	.10
534-228	S	1	AA positive snap-on clip	.19	.09	.08

BATTERY CLIPS

- Aluminum clips: plain finish
- Steel clips: nickel plated

MOUSER STOCK NO.	Fig.	Fits 9V Size	Dimensions H x W (In.)	Cell Mounts	Material	Price Each 1	10	100
534-071	T	.593 x 1.031	.687 x 1.031	flat / horiz.	.015 steel	.26	.22	.18
534-079	T	.650 x 1.031	.765 x 1.050	flat / horiz.	.015 steel	.30	.26	.21
534-080	U	.650 x 1.031	1.187 x .625	side / vert.	.015 steel	.32	.29	.23
534-095	U	.625 x 1.000	1.125 x .656	side / vert.	.025 alum.	.38	.27	.22

PC BATTERY CLIP

- For A and AA type batteries with diameters from .531" to .665"
- Spring: .015", nickel plated steel

MOUSER STOCK NO.	Fig.	Description	Price Each 1	100	500
534-082	V	1 cell; AAA and N snap-on clip	.17	.11	.09
534-092	V	1 cell; A, AA type battery clip, snap-in design	.17	.11	.09

POLARITY INDICATOR LABELS

- Pressure sensitive adhesive back
- Adheres to all surfaces

534-058	W	Labels measure .25" x 1.375"	.05	.027	.023

BATTERY SPRING CONTACTS

- Easy to assemble with eyelets or rivets
- Spring: nickel plated steel

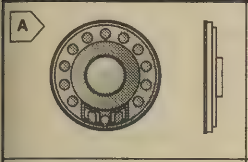
MOUSER STOCK NO.	Fig.	Battery Type	Dimension (In.) H	A	B	C	Price Each 1	100	500	1000
534-211	X	AA, A	.290	.335	.100	.140	.08	.05	.04	.03
534-211-D	X	C, D	.850	.650	.162	.300	.19	.12	.099	.059

PC SPRING CONTACTS

- Space saving design installs directly onto the PC board
- Spring: .015", tin plated steel

534-628	Y	A	.55	.38	.156	.29	.34	.32	.27	.24
534-629	Z	AA, AAA	.38	.41	.265	.29	.34	.32	.27	.24

KOBITONE™ AUDIO COMPANY Speakers and Speaker Accessories

A


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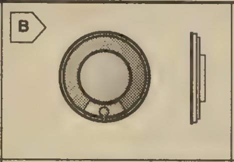

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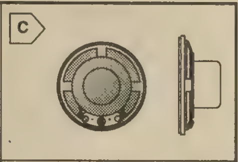

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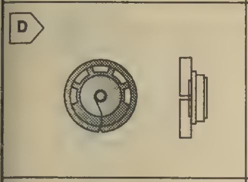

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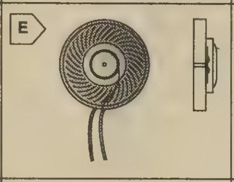

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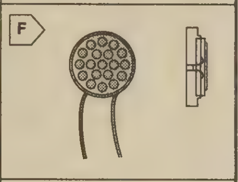

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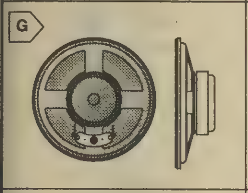

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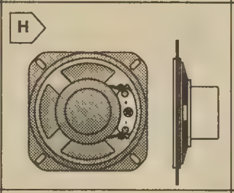

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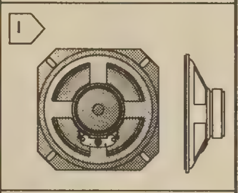

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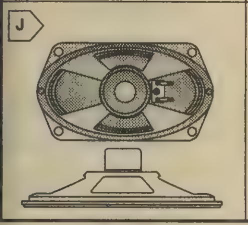

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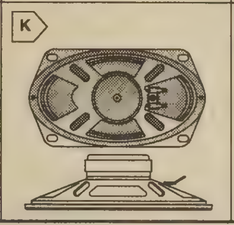

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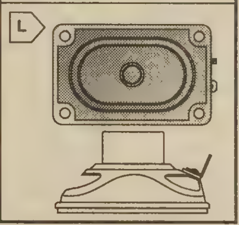

MYLAR SPEAKERS

- High quality speakers
- Pre-tinned speaker lugs

MOUSER STOCK NO.	Fig.	Size (In.)	Depth (In.)	Imp. (Ω)	Peak Power (W)	Frequency Response (Hz)	Magnet Type	Price Each 1	10	100
253-5008	B	.8	.13	8	0.1	550-7K	ND	2.75	2.28	2.07
253-5011	B	1.1	.21	8	0.1	550-10K	ND	2.85	2.37	2.15
253-5014	A	1.42	.18	8	0.2	450-6K	ND	3.15	2.62	2.38
253-5015	A	1.57	.26	8	0.1	400-12K	ND	3.19	2.66	2.42
253-3015	C	1.57	.64	8	0.1	800-4.5K	Alnico	2.68	2.37	2.20
253-3020	C	2.0	.73	8	0.2	500-4.5K	Alnico	3.44	2.87	2.61
253-3025	C	2.5	.85	8	0.2	500-4.5K	Alnico	3.49	2.92	2.66

PLASTIC FRAME MYLAR SPEAKERS

25RF006	D	1.06	.35	8	0.2	500-5K	Ferrite	2.85	2.38	2.16
25SP222	E	1.57	.32	32	.04	150-18K	Alnico	5.14	4.28	3.89
25SP224	E	1.57	.39	32	.04	180-18K	Ferrite	3.25	2.71	2.46
25SP223	F	1.06	.27	32	.04	40-18K	Alnico	5.23	4.36	3.96
25SP500	E	1.57	.32	600	.04	20-20K	Alnico	5.14	4.28	3.89

ROUND SPEAKERS

MOUSER STOCK NO.	Fig.	Size (In.)	Depth (In.)	Imp. (Ω)	Peak Power (W)	Frequency Response (Hz)	Magnet Type	Price Each 1	10	100
Standard Performance Speakers										
253-2015	C	1.57	.64	8	0.2	700-5K	Alnico	2.35	1.95	1.78
253-2115	C	1.57	.64	100	0.2	700-5K	Alnico	2.62	2.18	1.98
253-2020	C	2.0	.73	8	0.2	500-5K	Alnico	2.26	1.89	1.72
253-2121	C	2.0	.74	100	0.2	500-5K	Alnico	2.45	2.05	1.86
253-4020	G	2.0	.67	8	0.2	500-5K	Ferrite	1.87	1.57	1.42
253-2022	C	2.24	.79	8	0.3	400-4.5K	Alnico	2.34	1.95	1.85
253-2025	C	2.6	.85	8	0.5	330-5K	Alnico	2.44	2.04	1.85
253-2030	C	3.0	.94	8	0.5	280-5K	Alnico	2.39	1.99	1.72
Top Quality Communication Speakers										
25SP015	C	1.5	.65	8	0.1	800-5K	Alnico	3.17	2.64	2.08
25SP007	C	1.5	.65	100	0.15	800-5K	Alnico	3.54	2.95	2.68
25SP009	C	1.75	.64	8	0.1	800-5K	Alnico	3.15	2.63	2.25
25SP002	C	2.0	.77	8	0.2	500-5K	Alnico	2.49	2.04	1.62
25SP008	C	2.0	.73	100	0.2	800-5K	Alnico	2.70	2.25	2.03
25SP024	C	2.24	.82	8	0.2	500-5K	Alnico	2.29	1.89	1.37
25SP029	C	2.24	.87	100	0.5	450-4K	Alnico	2.50	2.08	1.98
25SP025	C	2.6	.82	8	0.3	400-10K	Alnico	3.05	2.51	2.08
25RF123	G	2.75	.83	8	0.5	450-4K	Ferrite	2.90	2.42	2.20
25SP027	C	2.75	.88	8	0.5	450-4K	Alnico	3.10	2.57	2.27
25SP005	C	2.75	.88	40	0.5	450-4K	Alnico	3.67	3.06	2.78
25SP013	C	3.0	.97	8	0.5	250-10K	Alnico	3.47	2.98	2.45
25SP017	C	3.0	.88	40	0.5	450-4K	Alnico	3.75	3.12	2.84

SQUARE SPEAKERS

Standard Performance Speakers										
253-2120	H	2.0	.77	8	0.2	450-4.5K	Alnico	2.23	1.86	1.71
253-2032	H	3.0	1.06	40	0.8	220-15K	Alnico	2.34	2.12	1.83
253-2130	H	3.0	1.08	8	0.8	220-15K	Alnico	2.58	2.26	2.01
253-4130	I	3.0	1.02	8	0.8	200-15K	Ferrite	1.91	1.65	1.51
253-2040	H	4.0	1.36	8	1.5	150-12K	Alnico	3.30	2.81	2.56
253-2041	H	4.0	1.50	8	4.0	160-12K	Alnico	4.73	3.95	3.59
Top Quality Communications Speakers										
25SP016	H	1.57	.62	8	0.1	450-5K	Alnico	3.12	2.60	2.37
25SP003	H	2.0	.75	8	0.2	450-5K	Alnico	2.70	2.25	1.90
25SP023	H	2.0	.75	100	0.2	450-5K	Alnico	2.70	2.25	1.90
25SP104	H	2.24	.75	8	0.2	400-4.5K	Alnico	3.33	2.77	2.52
25SP105	H	2.6	.87	8	0.2	350-4.5K	Alnico	3.16	2.63	2.39
25SP030	H	3.0	1.16	8	0.5	250-5K	Alnico	3.26	2.71	1.94
25SF236	I	3.62	1.06	8	1.0	250-5K	Ferrite	3.26	2.71	1.94
25SP035	H	3.5	1.19	8	0.8	250-5K	Alnico	4.11	3.42	3.11
25SP041	H	4.0	1.55	8	1.0	200-10K	Alnico	5.61	4.96	4.16
25SF237	I	4.0	1.30	8	1.0	180-10K	Ferrite	3.77	3.44	3.12

OVAL SPEAKERS

25SP101	J	3x5	1.42	8	1.0	230-10K	Alnico	6.90	5.75	5.23
253-4350	K	3x5	1.42	8	2.0	450-5K	Ferrite	4.82	4.02	3.66
253-4350-15	K	3x5	1.42	15	2.0	450-5K	Ferrite	4.82	4.02	3.66
253-5070	L	2x2.75	1.48	8	5.0	200-20K	Ferrite	3.58	3.10	2.68

EXTERNAL PAGING SPEAKER

- Weatherized for outdoor use
- Great for automobile sound or public address
- Impedance: 8Ω

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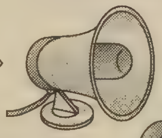
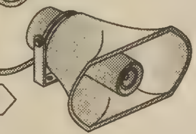


MOUSER STOCK NO.	Fig.	Size (In)	Frequency Response (Hz)	Watts (RMS)	Price Each 1	10
25AE211	A	5 x 5	400-7000	10	14.30	12.36
556-WP12	B	5 x 8	350-13000	15	27.95	25.16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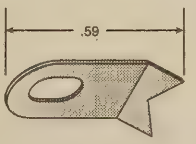
SPEAKER MOUNTING CLIP

For panel mounting of speakers. Slotted mounting hole accepts a #4 screw (not included).

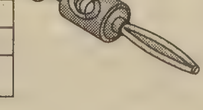
DIMENSIONS (IN.)



MOUSER STOCK NO.	Price Each 1	100	1000	10000
48SC004	.12	.038	.033	.031

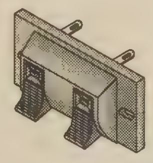
DELTRON REAR SPEAKER COUPLING

This 4mm gold plated plug accepts cable up to 7.5mm in diameter and is ideally suited for rear termination of speakers with cabinets up to 20mm thick. The speaker connection can be terminated in two ways, through a 4mm hole in the knurled screw or, through the main hole, in each case, clamping it with the knurled screw.



MOUSER STOCK NO.	Color	Price Each 1	10	100	500
174-5761	Black band	4.95	4.49	4.08	3.71
174-5765	Red band	4.95	4.49	4.08	3.71

COMPRESSION TERMINAL BLOCKS



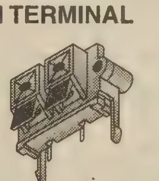
Quick connect terminals. Ideal for speaker systems and other audio or low voltage applications. These terminal blocks firmly grasp stripped wire. Color coded (black and red)

MOUSER STOCK NO.	Position	Price Each 1	10	100	500
15CT200	2	.95	.73	.66	.60
151-0400	4	1.46	1.22	1.12	1.01

COMPRESSION TERMINAL

Features:

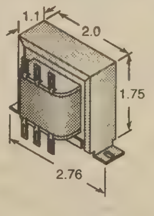
- PCB mount
- Contacts: tin plated
- ABS plastic



Printed circuit terminals. Ideal for speaker systems and other audio or low voltage applications. These terminal blocks firmly grasp stripped wire. Buttons are color coded black and red.

MOUSER STOCK NO.	Price Each 1	10	100	500
151-0300	.64	.49	.45	.41

AUDIO LINE MATCHING TRANSFORMERS



DIMENSIONS (IN.)

- Matches 4 or 8Ω to 70 volt line
- 100Hz to 10kHz response
- Solder lug terminals
- Constant voltage line-to-voice coil

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1	10	100
42KB001	.625, 1.25, 2.5, 5, and 10W taps	8.38	7.20	6.55

KOBITONE™ AUDIO COMPANY Microphone Elements, Tranducers, and Earphones

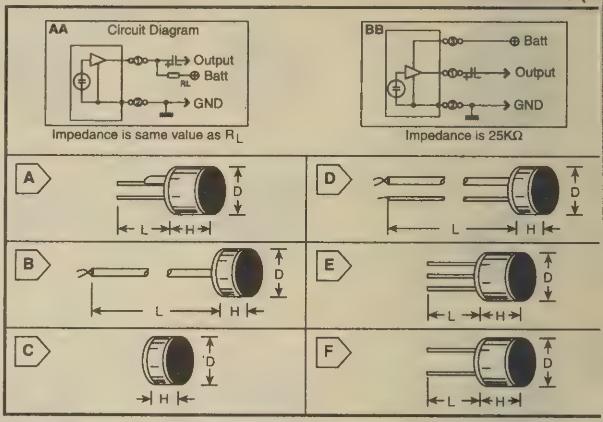
OMNI-DIRECTIONAL ELECTRET CONDENSER MICROPHONE ELEMENTS

- Omni- directional
- Less than 1mA current drain
- More than 40dB signal-to-noise ratio
- Operates from 2 to 10VDC
- Solid aluminum housings

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Circuit Diagram	Frequency Response (Hz)	Sensi-tivity (dB)	Lead Length (L)	Dimensions (In)		Price Each			
						Dia.	Ht.	1	10	100	500
25LM040	A	AA	50 - 13K	-64	.24	.39	.35	1.67	1.27	1.17	1.09
25LM041	B	AA	50 - 10K	-64	5.9	.39	.22	2.88	2.40	2.18	1.98
25LM042	B	AA	50 - 10K	-64	5.9	.26	.22	3.54	2.98	2.69	2.45
25LM043	C	AA	20 - 12K	-64	- - -	.39	.27	1.32	1.07	.97	.88
25LM045	B	AA	20 - 12K	-64	5.9	.39	.27	2.29	1.78	1.61	1.46
25LM046	C	AA	50 - 15K	-65	- - -	.197	.098	6.23	5.19	4.73	4.29
25LM044	D	BB	50 - 10K	-64	11.75	.39	.29	3.22	2.69	2.44	2.22
25LM047	C	BB	50 - 10K	-64	- - -	.39	.29	3.17	2.64	2.40	2.18
25LM048	E	BB	50 - 10K	-64	.98	.39	.29	3.40	2.74	2.49	2.26
25LM051	D	BB	50 - 10K	-64	5.9	.39	.29	3.22	2.69	2.44	2.22
252LM041	C	AA	50 - 8K	-64	- - -	.39	.22	2.35	1.96	1.78	1.62
252LM042	C	AA	50 - 10K	-64	- - -	.255	.22	2.80	2.33	2.12	1.92
252LM049	F	AA	20 - 12K	-64	.40	.39	.27	1.89	1.55	1.40	1.26

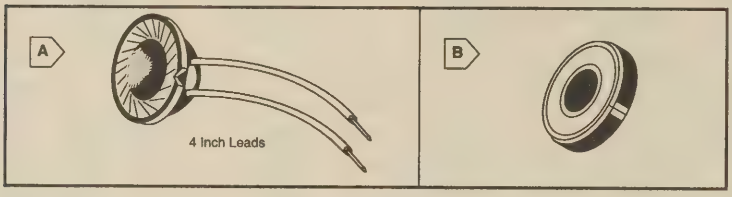
DIMENSIONS (IN



MICROPHONE LEAD WIRE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	For Use With	Spool Length (Ft.)	Price Per Spool	
			1	5
25LM0421	All electret microphones	985	144.00	129.60



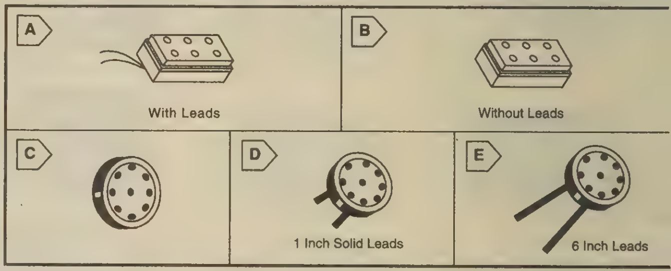
DYNAMIC MICROPHONE ELEMENTS

Features:

- Can be used for a variety of OEM applications
- Can be used as replacement cartridges
- Low impedance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Magnet Type	Frequency Response (Hz)	Imped-ance (Ω)	Sensi-tivity (dB)	Dimensions (In)		Price Each			
						Dia.	Ht.	1	10	100	500
25LM026	A	Alnico	60-12K	500	-68	1.1	.51	5.10	4.31	3.92	3.56
25LM032	B	Ferrite	100-20K	500	-97	1.2	.41	3.59	2.99	2.72	2.47
25LM035	B	Ferrite	150-12K	32	-80	1.1	.35	3.72	3.10	2.82	2.57



CRYSTAL AND CERAMIC MICROPHONE ELEMENTS

A wide variety of precision made aluminum high impedance cartridges can be used in a variety of OEM applications.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type Element	Freq. Resp. (Hz)	Imped-ance (Ω)	Sensi-tivity (dB)	Dimen. (In)		Price Each			
						Dia.	Ht.	1	10	100	500
25LM021	A	Ceramic	100-7K	230K	-70	.85x.59	.34	3.83	3.20	2.90	2.64
25LM030	B	Ceramic	100-7K	230K	-70	.85x.59	.34	3.52	2.93	2.66	2.42
25LM022	C	Crystal	50-8K	25K	-55	1.38	.46	3.52	2.93	2.66	2.42
25LM023	C	Ceramic	30-15K	8K	-60	1.0	.39	3.66	3.05	2.77	2.52
25LM024	C	Crystal	50-8K	9K	-55	2.0	.65	4.17	3.47	3.15	2.87
25LM025	C	Crystal	30-15K	12K	-55	1.0	.42	3.83	3.20	2.91	2.64
25LM036	D	Ceramic	30-15K	8K	-60	1.0	.39	3.91	3.26	2.96	2.69
25LM037	E	Ceramic	30-15K	8K	-60	1.0	.39	3.91	3.26	2.96	2.69

ULTRASONIC TRANSDUCERS

- Center frequency: 40kHz ± 1.0kHz

For quantities greater than listed, call for quote.

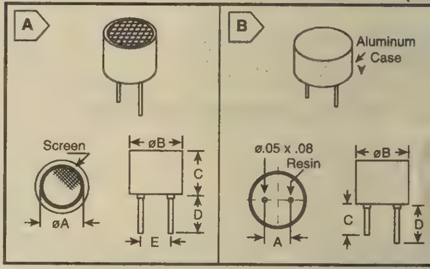
MOUSER STOCK NO.	Fig.	Description	SPL Min. (dB)	Sensitivity Min. (dB)	Bandwidth (kHz)	Max. Input Voltage	Dimensions (In.)					Price Each			
							A	B	C	D	E	1	10	50	100
255-400PT16	A	Pulse Transit	105	-53	2	20	.51	.64	.48	.39	.39	5.89	4.95	4.39	3.99

- Center frequency: 40KHz ± 1.0KHz

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	SPL Min. (dB)	Sensitivity Min. (dB)	Bandwidth (kHz)	Max. Input Voltage	A	B	C	D	E	1	10	50	100
255-400SR12	A	Receiver	- - -	-67	2	0.2W	.39	.50	.39	.39	.33	5.80	4.87	4.32	3.93
255-400ST12	A	Transmitter	115	- - -	2	0.2W	.39	.50	.39	.39	.33	5.80	4.87	4.32	3.93
255-400SR16	A	Receiver	- - -	-65	2.5	0.2W	.47	.64	.47	.39	.39	4.90	4.08	3.55	2.96
255-400ST16	A	Transmitter	119	- - -	2	0.2W	.47	.64	.47	.39	.39	4.90	4.08	3.55	2.96
255-400ER18	B	Receiver	- - -	-70	1.5	0.2W	.45	.71	.53	.69	- - -	9.66	8.11	7.19	6.54
255-400ET18	B	Transmitter	115	- - -	1.5	0.2W	.45	.71	.53	.69	- - -	9.66	8.11	7.19	6.54

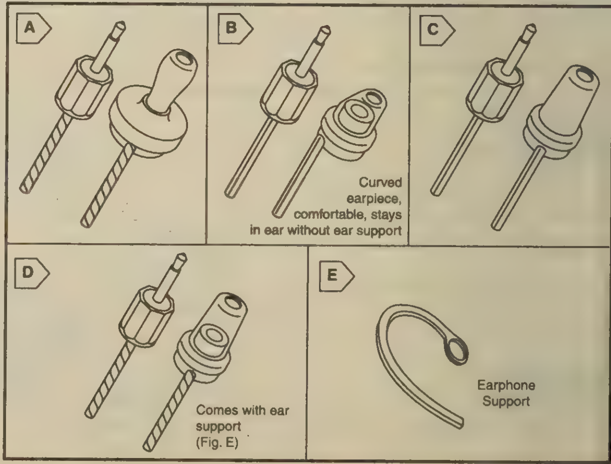
DIMENSIONS (IN.



EARPHONES

* Not designed for use with Earphone Support
** Includes Earphone Support

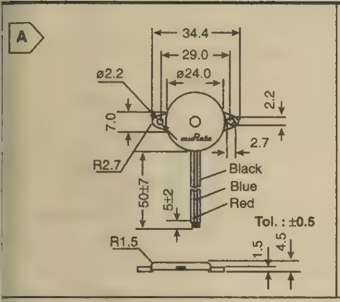
	MOUSER STOCK NO.	Fig.	Type	Impedance (Ω)	Plug	Cord Length (Ft)	Color	Price Each			
								1	10	100	500
*	25CR025	A	Ceramic	20M min.	2.5mm	3	Tan	2.03	1.69	1.54	1.40
*	25CR035	A	Ceramic	20M min.	3.5mm	3	Tan	2.03	1.69	1.54	1.40
*	25CR060	A	Ceramic	20M min.	Tinned	3	Tan	1.85	1.54	1.39	1.27
	25DE024	B	Dynamic	8±20%	2.5mm	6	Gray	1.40	1.09	.99	.90
*	25DE025	C	Dynamic	8±20%	2.5mm	3	White	.80	.67	.61	.55
*	25DE026	C	Dynamic	8±20%	2.5mm	6	White	1.03	.83	.76	.69
*	25DE027	C	Dynamic	8±20%	2.5mm	3	Black	.80	.67	.61	.55
**	25DE128	D	Dynamic	15±20%	2.5mm	6	Flesh	1.48	1.23	1.11	1.01
	25DE034	B	Dynamic	8±20%	3.5mm	6	Gray	1.30	1.08	.99	.90
	25DE035	B	Dynamic	8±20%	3.5mm	3	Gray	1.21	1.01	.92	.84
**	25DE136	D	Dynamic	8±20%	3.5mm	3	Flesh	1.27	1.06	.96	.88
**	25DE138	D	Dynamic	15±20%	3.5mm	6	Flesh	1.63	1.36	1.24	1.13
**	25DE139	D	Dynamic	1K±20%	3.5mm	3	Flesh	1.63	1.36	1.24	1.13

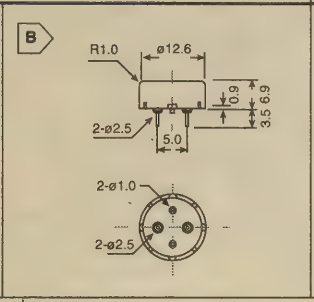

A
B
Curved earpiece, comfortable, stays in ear without ear support
C
D
Comes with ear support (Fig. E)
E
Earphone Support

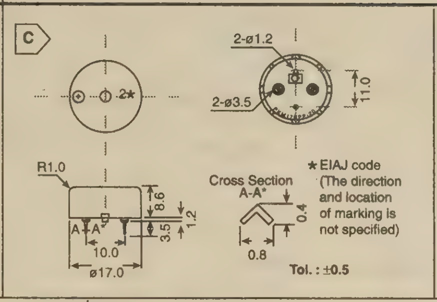
Earphone Support

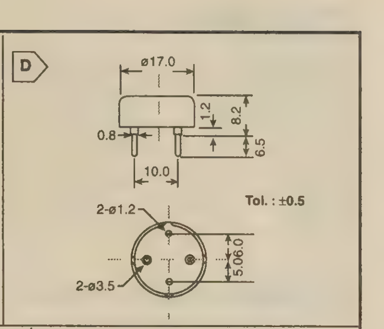
MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	10	100	500
25DE001	E	White ear support	.11	.09	.06	.05

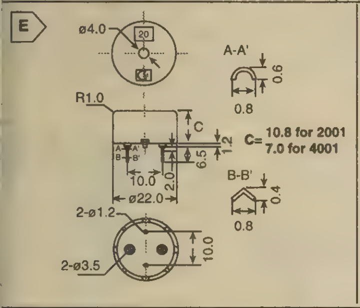
Piezo Alarms

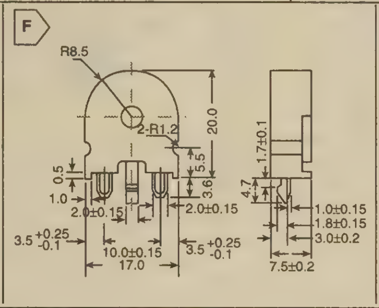

A
34.4
29.0
ø24.0
ø2.2
7.0
2.2
2.7
R2.7
Black
Blue
Red
50±7
5±2
Tol. : ±0.5
R1.5
1.5
4.5

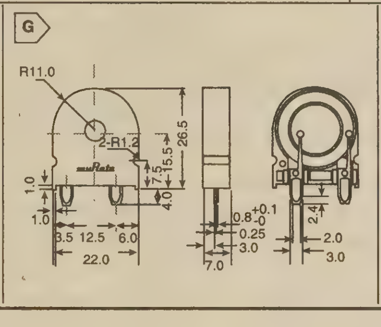

B
R1.0
ø12.6
0.9
3.5
6.9
2-ø2.5
5.0
2-ø1.0
2-ø2.5

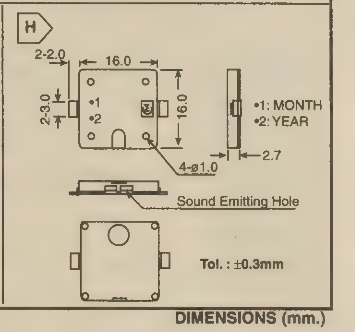

C
2-ø1.2
2-ø3.5
11.0
R1.0
8.6
3.5
1.2
A
A'
10.0
ø17.0
Cross Section A-A'
0.4
0.8
★EIAJ code (The direction and location of marking is not specified)
Tol. : ±0.5


D
ø17.0
1.2
8.2
0.8
6.5
10.0
Tol. : ±0.5
2-ø1.2
5.0
6.0
2-ø3.5


E
ø4.0
A-A'
0.6
0.8
R1.0
C
6.5
1.2
C= 10.8 for 2001
7.0 for 4001
10.0
2.0
ø22.0
B-B'
0.4
0.8
2-ø1.2
2-ø3.5
10.0


F
R8.5
2-R1.2
20.0
5.5
3.6
0.5
1.0
2.0±0.15
2.0±0.15
1.7±0.1
4.7
1.0±0.15
1.8±0.15
3.0±0.2
3.5 +0.25 -0.1
10.0±0.15
17.0
3.5 +0.25 -0.1
7.5±0.2


G
R11.0
2-R1.2
26.5
15.5
7.5
4.0
1.0
1.0
3.5
12.5
6.0
22.0
0.8 +0.1 -0
0.25
3.0
7.0
2.4
2.0
3.0


H
2-2.0
16.0
2-3.0
•1
•2
16.0
•1: MONTH
•2: YEAR
4-ø1.0
2.7
Sound Emitting Hole
Tol. : ±0.3mm

DIMENSIONS (mm.)

PIEZO ALARMS

PKM Series

The piezo alarms described in this section have no "feedback" tab and are particularly suited for the generation of both single tones and the unusual sound effects that are possible with specifically designed driving circuits. These sounds may include musical melodies, insect sounds, etc. All mechanical and electrical components are designed to be compatible wtih most standard PC board assembly and wave soldering techniques.

Features:

- Low cost
- No EMI
- High reliability
- Rugged construction
- Variable tone outputs
- Compatible with wave soldering techniques

Applications:

- Telephone ringers
- Various office equipment such as PPC's, printers and keyboards
- Various home appliances such as microwave ovens
- Confirmation sound of various audio equipment

External Drive

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Pins / Leads	Oscillating Frequency	Case Diameter	Case Thickness	Capacitance + or - 30%	Volt	Price Each			
								1	50	100	500
81-PKM11-6A0	A	3 Leads	6.5 kHz	11 mm	4.5 mm	3 to 20	24Vp-p	2.60	2.44	2.12	1.95
81-PKM13EPY-4002	B	Pins	4 kHz	13 mm	6.9 mm	5.5nF	25Vp-p	0.86	0.80	0.70	0.64
81-PKM17EPP-2002	C	Pins	2 kHz	17 mm	8.6 mm	34nF	25Vp-p	0.98	0.92	0.80	0.74
81-PKM17EPP-4001	D	Pins	4 kHz	17 mm	7 mm	7nF	25Vp-p	0.86	0.81	0.70	0.65
81-PKM22EPP-2001	E	Pins	2 kHz	22 mm	10.8 mm	19nF	25Vp-p	0.96	0.90	0.78	0.72
81-PKM22EPP-4001	E	Pins	4 kHz	22 mm	7.0 mm	12nF	25Vp-p	0.84	0.79	0.68	0.63

PIEZO ALARMS FOR SPECIAL APPLICATIONS

PKM Series

As the result of rapid development of Ics in telephones, demand for piezoelectric sounder as telephone ringers has also rapidly increased. To effectively satisfy this rising demand, Murata provides a suitable piezoelectric sounder called Piezo Ringer, with the following features.

Features:

- Extremely clear sound
- It can be driven directly from Ics
- Extremely thin and light
- Since it is voltage driven, the power consumption is quite negligible

Applications:

- Telephone ringers
- Various office equipment such as PPC's, printers and keyboards
- Various home appliances such as microwave ovens
- Confirmation sound of various audio equipment

Special Applications

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Pins / Leads	Oscillating Frequency	Case Diameter	Case Thickness	Capacitance + or - 30%	Volt	Price Each			
								1	50	100	500
81-PKM22EPT-2001	F	Pins	2 kHz	22 mm	7 mm	19,000 pF	25 Vp-p	1.05	0.99	0.85	0.79
81-PKM22EPT-4001	F	Pins	4 kHz	22 mm	7 mm	- - -	25 Vp-p	1.42	1.34	1.15	1.07
81-PKM17EPT-4001	G	Pins	4 kHz	17 mm	7.5 mm	9,500 pF	25 Vp-p	1.13	1.06	0.92	0.85

PIEZO ALARMS

PKMC Series

Taking advantage of extensive acoustic and mechanical designing technology and high performance ceramics, Murata has developed an SMD piezoelectric sounder that suits the thin, high-density design of electronic equipment. Microcomputers are widely used for microwave ovens, air conditioners, cars, toys, timers, and other alarm equipment. Externally driven piezoelectric sounders are used in digital watches, electronic calculators, telephones and other equipment. They are driven by a signal (ex, 2048Hz or 4096Hz) from an LSI and provide melodious sound.

Features:

- Low Power consumption
- No contacts, therefore no noise and highly reliable

Applications:

- Telephone ringers
- Various office equipment: PPC's, printers and keyboards
- Various home appliances such as microwave ovens
- Confirmation sound of various audio equipment

Specifications:

- Sound Pressure Level (3Vp-p sqare wave 10cm): 75dB min. (4kHz)
- Capacitance: 14nF ± 30% (1kHz)
- Max. Input Voltage: 25Vp-p
- Operating Temp. Range: -20˚ ~ +70˚C
- Storage Temp. Range: -30˚ ~ +80˚C

External Drive

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Sound Pressure Level	Max Operating Voltage Range	Capacitance	Measurement Condition Of Capacitance	Price Each			
						1	50	100	500
81-PKMC16E-4000-TY	H	75dB min	25Vp-p max	14nF	1kHz	3.34	3.13	2.75	2.50

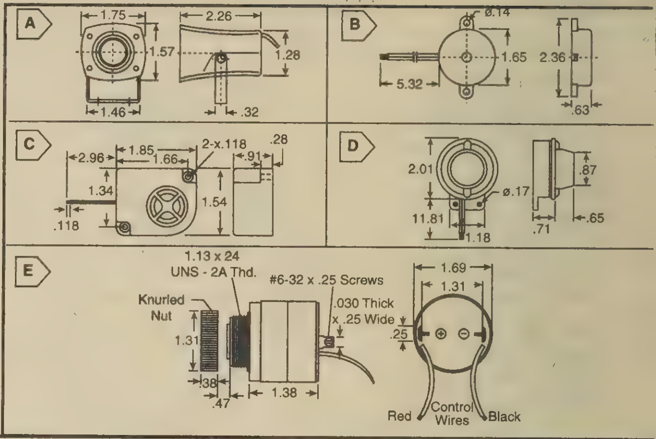
Audible Signal Devices

MALLORY SIRENS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Tone	Operating Frequency (kHz)	Operating Voltage (VDC)	Current (max.) mA	Sound Pressure dB (min.)	Price Each 1	10	25
539-PS520	A	Constant	3.0±.5	7-15	200	105	6.93	6.50	6.28
539-PS522	A	Hi-Low	2.5 / 3.5	7-15	200	105	6.93	6.50	6.28
539-PS562	B	Hi-Low	2.5 / 3.5	7-15	40	100	4.18	3.92	3.78
539-PS723	C	Sweep	2.0-3.5	6-14	150	105	4.45	4.17	4.03
539-PS983	D	Sweep	2-3.5	6-14	150	105	7.36	6.90	6.67

DIMENSIONS (IN


A
1.75
2.26
1.57
1.28
1.46
.32
B
ø.14
1.65
2.36
5.32
.63
C
2.96
1.85
1.66
2-x.118
.28
.91
1.34
1.54
.118
D
2.01
.87
ø.17
11.81
1.18
.71
.65
E
1.13 x 24 UNS - 2A Thd.
#6-32 x .25 Screws
Knurled Nut
.030 Thick x .25 Wide
1.69
1.31
.25
1.31
.38
.47
1.38
Red
Control Wires
Black

MALLORY SONALERT® MULTI-TONES

The SC616WY tone patterns are pulsated high frequency, pulsated low frequency, and warble.

Features:

- Pulse rate per sec.: .5 - 1.2
- Operating temperature: -30°C to +65°C
- Operating Voltage: Min. 6, Max. 16

MOUSER STOCK NO.	Fig.	Frequency ±500 (kHz) Low	High	Sound Pressure dB (A) @ 2 ft. @ V Min.	@ V Max.	Typical Operating Current (mA) @ Min. V	@Max. V	Price Each 1	25	50	100
539-SC616WY	E	1.75	3.0	60	72	2	18	51.60	47.47	43.34	39.22

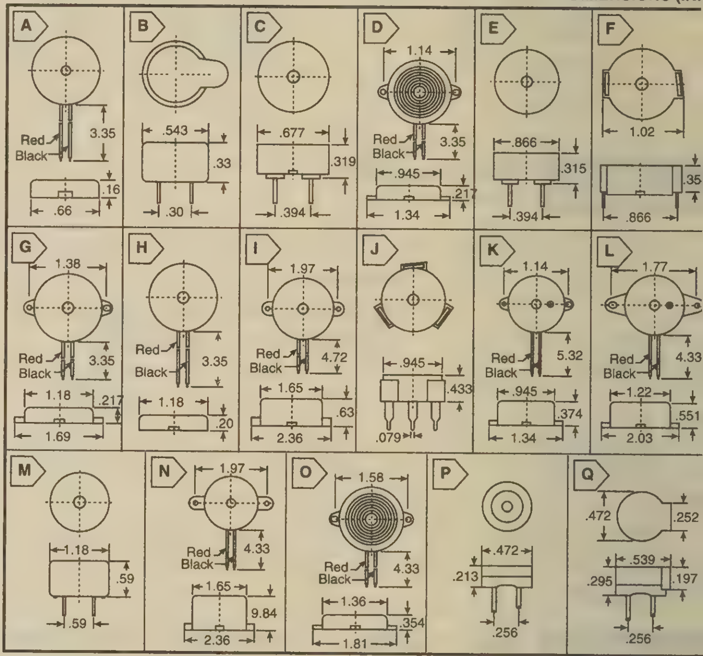
KOBITONE™ AUDIO COMPANY OBQ PIEZOELECTRIC

† Pulse tone

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pins / Wires	Res. Freq. (Hz)	Voltage (max.)	Current (max.) mA	Sound Pressure dB (min.)	Price Each 1	10	100
Buzzer, External Drive									
254-152	A	2 wires	4000	30Vp-p	3@9Vp-p	80	1.42	1.18	1.07
254-15230	B	2 pins	3200	15Vp-p	3@9Vp-p	80	2.84	2.36	2.15
254-15240	C	2 pins	4096	20Vp-p	3@9Vp-p	80	1.42	1.18	1.07
254-202	D	2 wires	5000	30Vp-p	3@9Vp-p	90	1.42	1.18	1.07
254-20205	E	2 pins	4096	30Vp-p	3@9Vp-p	80	1.42	1.18	1.07
254-25220	F	2 pins	2000	15Vp-p	3@9Vp-p	80	1.93	1.61	1.47
254-272	G	2 wires	4400	30Vp-p	3@9Vp-p	90	1.42	1.18	1.07
254-27221	H	2 wires	3500	30Vp-p	3@9Vp-p	90	1.67	1.39	1.27
254-352	I	2 wires	2500	30Vp-p	3@9Vp-p	90	2.57	2.14	1.95
Buzzer, Self Drive									
254-20335	J	3 pins	3400	3-30VDC	6@6VDC	90	2.11	1.76	1.59
254-273	G	3 wires	4400	3-30VDC	6@6VDC	85	1.42	1.18	1.07
254-27346	H	3 wires	4400	3-30VDC	6@6VDC	85	1.54	1.30	1.17
254-353	I	3 wires	2800	3-30VDC	6@6VDC	90	2.57	2.14	1.95
Buzzer, Drive Circuit Built-In Type									
254-15210	B	2 pins	4000	3-15VDC	6@6VDC	90	3.85	3.20	2.91
254-20C6	K	2 wires	3400	3-30VDC	6@6VDC	80	3.85	3.20	2.92
254-27C0	L	2 wires	3500	3-20VDC	6@6VDC	100	4.62	3.84	3.49
254-27P2	M	2 wires	3400	6-24VDC	3@9VDC	90	5.93	4.94	4.49
†254-35C1	I	2 pins	2800	3-30VDC	6@6VDC	90	4.62	3.84	3.49
254-35C5	N	2 wires	2800	3-15VDC	40@6VDC	110	6.16	5.13	4.67
Telephone Ringer									
254-35T2	O	2 wires	1200	40Vp-p	3@9Vp-p	80	1.60	1.34	1.21
Magnetic Transducers									
254-12GP	P	2 pins	2048	2VDC	30	85	1.60	1.34	1.21
254-12AMP-01B	P	2 pins	2048	2VDC	10	70	1.60	1.34	1.21
254-12NEP-01B	Q	2 pins	2731	2VDC	70	85	1.60	1.34	1.21

DIMENSIONS (IN.


A
Red
Black
3.35
.16
.66
B
.543
.33
.30
C
.677
.319
.394
D
1.14
Red
Black
3.35
.945
.217
1.34
E
.866
.315
.394
F
1.02
.35
.866
G
1.38
Red
Black
3.35
1.18
.217
1.69
H
Red
Black
3.35
1.18
.20
I
1.97
Red
Black
4.72
1.65
.63
2.36
J
.945
.433
.079
K
1.14
Red
Black
5.32
.945
.374
1.34
L
1.77
Red
Black
4.33
1.22
.551
2.03
M
1.18
.59
.59
N
1.97
Red
Black
4.33
1.65
9.84
2.36
O
1.58
Red
Black
4.33
1.36
.354
1.81
P
.472
.213
.256
Q
.472
.252
.539
.295
.197
.256

amseco PIEZO-A-LERT

*

MOUSER STOCK NO.	Fig.	Description	Operating Voltage VDC Min.	Max.	Sound Pressure dB (A) @ 2 ft. @ V Min.	@ V Max.	Current Drain (mA)	Price Each 1	10	25	50
*507-PAL328	A	W/out face nut	3.0DC	28.0DC	68	100	20	7.60	7.13	6.89	6.65
*507-PAL328N	B	W/face nut	3.0DC	28.0DC	68	100	20	7.92	7.43	7.18	6.93
507-ESZ25S	C	Single tone	3.0DC	28.0DC	68	100	20	10.56	9.90	9.57	9.24
507-ESZ25B	C	Dual tone	3.0DC	28.0DC	68	100	20	13.36	12.53	12.11	11.69

KOBITONE™ AUDIO COMPANY MINIATURE DC BUZZERS

MOUSER STOCK NO.	Fig.	Operating Voltage (V) Min.	Max.	Current Drain (mA)	Price Each 1	10	100	500
25BL006	D	3.0DC	6.0DC	100	3.28	2.71	2.42	2.25
25BL012	D	7.0DC	12.0DC	60	3.28	2.71	2.42	2.25

KOBITONE™ AUDIO COMPANY SOLID STATE BUZZERS

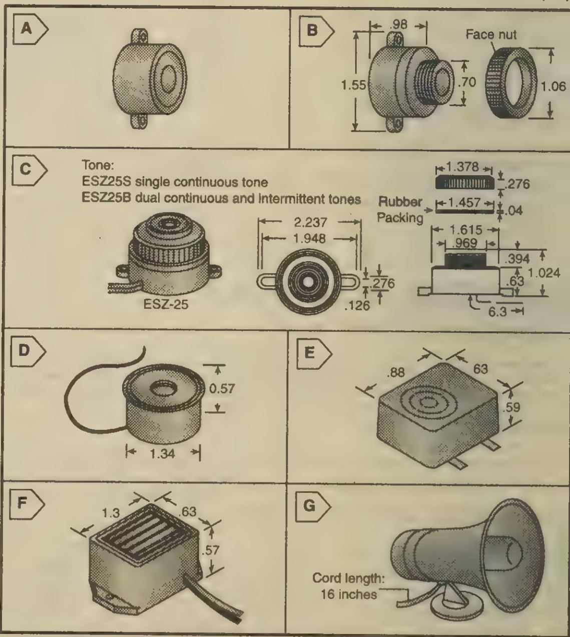
MOUSER STOCK NO.	Fig.	Voltage DC	Operating Voltage (V) DC Min.	Max.	Sound Pressure dB (A) @ 2 ft.	Current Drain (mA)	Price Each 1	10	100	500
251-0012	E	12	8	16	75	25	2.96	2.47	2.24	2.04
251-0103	F	3	2	4	75	15	2.61	2.18	1.98	1.80
251-0106	F	6	3	7	75	20	2.61	2.18	1.98	1.80
251-0112	F	12	7	17	75	15	2.61	2.18	1.98	1.80

KOBITONE™ AUDIO COMPANY ELECTRONIC SIREN

- Standard 6 to 12 volt power requirements allow use with 6, 7 1/2, 8, 9, and 12 volt systems

MOUSER STOCK NO.	Fig.	Size (In.)	Operating Voltage (V) Min.	Max.	Current Drain (mA)	Price Each 1	10
25BR540	G	5.25 x 6	6DC	12DC	600	13.50	12.05

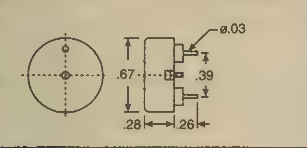
DIMENSIONS (IN.)


A
B
.98
Face nut
1.55
.70
1.06
C
Tone:
ESZ25S single continuous tone
ESZ25B dual continuous and intermittent tones
1.378
.276
Rubber Packing
1.457
.04
2.237
1.948
1.615
.969
.394
.63
1.024
.276
.126
6.3
ESZ-25
D
0.57
1.34
E
.88
.63
.59
F
1.3
.63
.57
G
Cord length: 16 inches

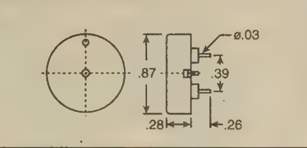
MALLORY Audible Signal Devices

DIMENSIONS (IN.)

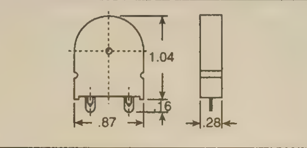
A


ø.03
.67
.39
.28
.26

B


ø.03
.87
.39
.28
.26

C



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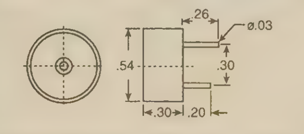
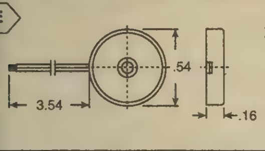
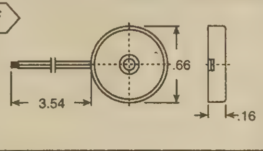

.26
ø.03
.54
.30
.30
.20

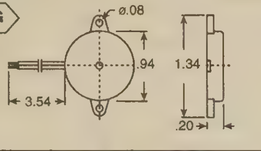
E



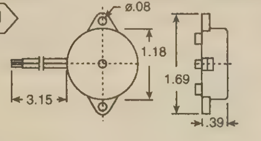
F



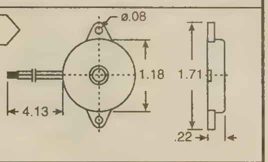
G


ø.08
.94
1.34
3.54
.20

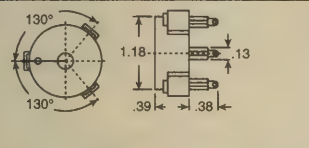
H


ø.08
1.18
1.69
3.15
.39

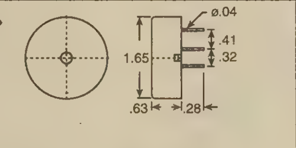
I


ø.08
1.18
1.71
4.13
.22

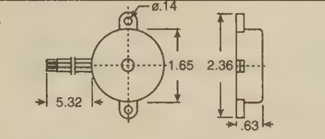
J


130°
1.18
.13
130°
.39
.38

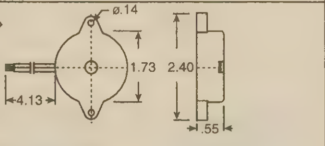
K


ø.04
.41
1.65
.32
.63
.28

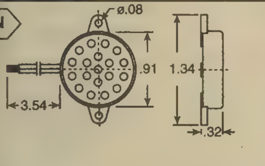
L


ø.14
1.65
2.36
5.32
.63

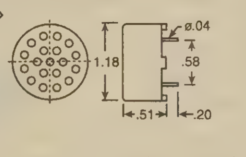
M


ø.14
1.73
2.40
4.13
.55

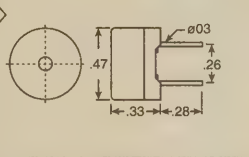
N


ø.08
.91
1.34
3.54
.32

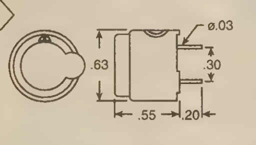
O


ø.04
1.18
.58
.51
.20

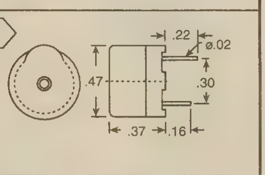
P


ø03
.47
.26
.33
.28

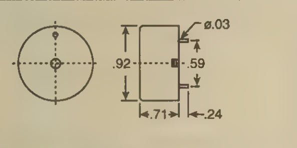
Q


ø.03
.63
.30
.55
.20

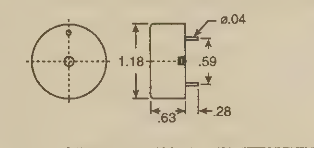
R


.22
ø.02
.47
.30
.37
.16

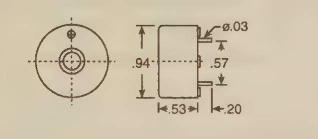
S


ø.03
.92
.59
.71
.24

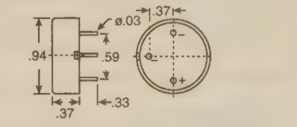
T


ø.04
1.18
.59
.63
.28

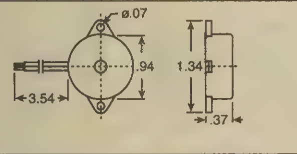
U


ø.03
.94
.57
.53
.20

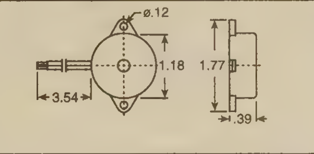
V


.37
ø.03
.94
.59
.37
.33

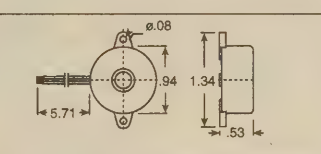
W


ø.07
.94
1.34
3.54
.37

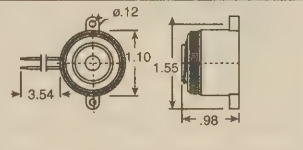
X


ø.12
1.18
1.77
3.54
.39

Y


ø.08
.94
1.34
5.71
.53

Z


ø.12
1.10
1.55
3.54
.98

PIEZO TRANSDUCERS

Mounted Piezo Transducers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pins / Leads	Resonant Frequency ±500 (Hz)	Operating Voltage (max.)	Current (max.) mA	Sound Pressure dB (min.)	Price Each		
							1	25	50
External Drive, No Feedback									
539-PT1540P	A	2 pins	4000	25Vp-p	1.5	80	.70	.66	.64
539-PT2040P	B	2 pins	4000	30Vp-p	1.5	90	.77	.72	.70
539-PT2020P	C	2 pins	2000	25Vp-p	1.5	80	1.06	.99	.96
539-PT1240P	D	2 pins	4096	20Vp-p	2.0	80	1.73	1.62	1.57
539-PT1250W	E	2 wires	4800	25Vp-p	1.5	80	1.14	1.07	1.03
539-PT1550W	F	2 wires	5000	25Vp-p	1.5	80	.82	.77	.74
539-PT2060W	G	2 wires	6000	30Vp-p	1.0	95	.90	.84	.81
539-PT2725W	H	2 wires	2500	30Vp-p	1.0	90	1.06	.99	.96
539-PT2745W	I	2 wires	4500	30Vp-p	1.5	90	.77	.72	.70
Self Drive, With Feedback									
539-PT2735FPL	J	3 pins	3500	3-28VDC	10	88	1.17	1.10	1.06
539-PT3529FP	K	3 pins	2900	3-28VDC	8	90	1.55	1.46	1.41
539-PT2038FW	G	3 wires	3800	3-28VDC	8	85	.88	.83	.80
539-PT2065FW	G	3 wires	6500	3-28VDC	8	85	.99	.93	.90
539-PT2745FW	I	3 wires	4500	3-28VDC	8	85	.77	.72	.70
539-PT3529FW	L	3 wires	2900	3-28VDC	8	90	1.26	1.19	1.15
Telephone Ringer									
539-PT4175W	M	2 wires	750	40Vp-p	1.5	87	3.03	2.19	1.86

Audio Transducers, Miniature Speakers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Type	Resonant Frequency ±200 (Hz)	Frequency Range (Hz)	Imped-ance (Ω)	Sound Pressure dB (min.)	Price Each		
							1	25	50
539-PB2015W	N	Cone	1500	500-4000	8.0	75	2.46	2.31	2.23
539-PB2712P	O	Cone	1250	500-4000	8.0	85	2.69	2.52	2.44

Electro-Magnetic Transducers, Small Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Rated Voltage (V)	Resonant Frequency (Hz)	Operating Voltage (V)	Current (max.) mA	Sound Pressure dB (min.)	Price Each		
							1	25	50
539-PB1220P	P	1.5	2048	1.1 - 1.7	32	85	.91	.86	.83
539-PB1621P	Q	5	2048	3 - 8	25	85	1.70	1.59	1.54
539-PB1622P	Q	12	2048	6 - 18	25	85	1.70	1.59	1.54

ELECTRO-MAGNETIC INDICATORS Small Size

MOUSER STOCK NO.	Fig.	Rated Voltage (V)	Resonant Frequency (Hz)	Operating Voltage (V)	Current (max.) mA	Sound Pressure dB (min.)	Price Each		
							1	25	50
539-PB12N23P01	R	1	2300	1.25-2	20	80	2.40	2.25	2.18
539-PB12N23P05	R	5	2300	4-6.5	30	85	2.40	2.25	2.18
539-PB12N23P12	R	12	2300	10-14	30	85	2.40	2.25	2.18

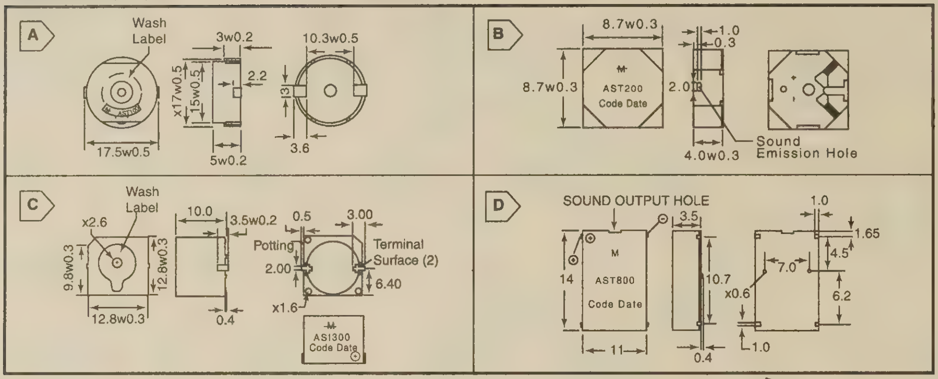
PIEZO INDICATORS

For quantities greater than listed, call for quote.

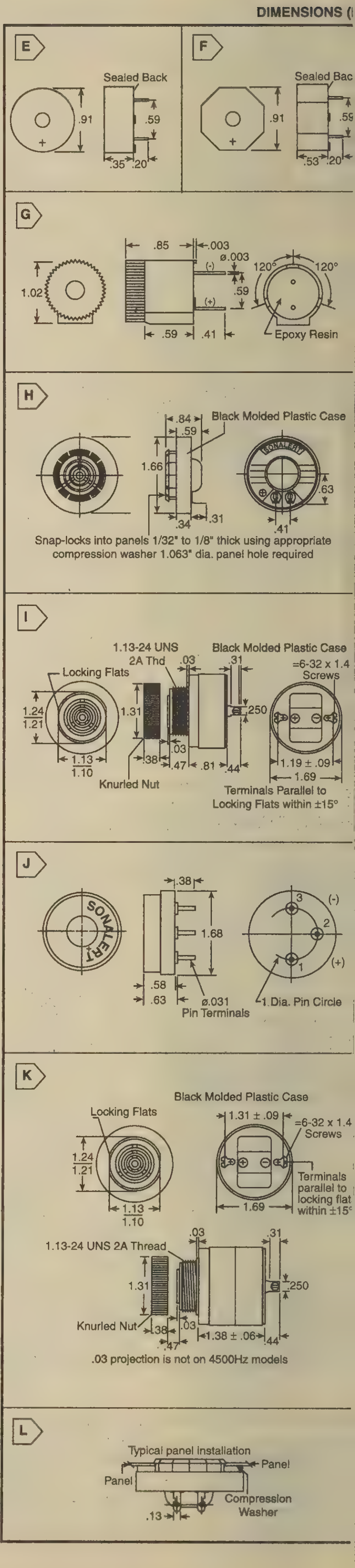
MOUSER STOCK NO.	Fig.	Pulse Rate	Oscillating Freq. ±.5 (kHz)	Oper. Voltage (VDC)	Current (max.) mA	Sound Pressure dB (min.)	Price Each		
							1	25	50
PC Mount, 2 Pins									
539-PK20A38P	S	Constant	3.8	3-20	15	95	2.54	2.39	2.31
539-PK20A25P	S	Constant	2.5	3-20	20	95	2.54	2.39	2.31
539-PK27A25PS	T	Constant	2.5	3-20	10	95	2.86	2.69	2.60
539-PK27A35PS	T	Constant	3.5	3-20	10	95	2.86	2.69	2.60
539-PK12N40P	D	Constant	4.1	3-15	10	83	2.54	2.39	2.31
539-PK21A31P	U	Constant	3.5	3-24	18	90	2.69	2.52	2.44
539-PF21A31P	U	Fast	3.0	3-24	18	90	4.37	4.10	3.96
539-PL21A31P	U	Slow	3.0	3-24	18	90	4.37	4.10	3.96
539-PF27N35PS	V	Fast	3.5	3-28	8	90	3.52	3.30	3.19
PC Mount, 3 Pins									
539-PLD21N30P	V	Con.+Slow	3.0	4-28	12	80	3.60	3.38	3.26
539-PFD27A35P	V	Con.+Fast	3.5	3-20	10	95	4.13	3.87	3.74
Flange Mount, 2 Wires									
539-PK21N30W	W	Constant	3.0	1.5-30	12	80	2.05	1.92	1.86
539-PL21N30W	W	Slow	3.0	4-28	12	80	3.52	3.30	3.19
539-PK27N26W	X	Constant	2.5	3-28	8	90	2.32	2.18	2.10
539-PF27N26W	X	Fast	2.5	3-28	8	90	3.52	3.30	3.19
539-PL27N26W	X	Slow	2.5	3-28	8	90	3.52	3.80	3.19
539-PL35A29W	L	Slow	2.9	3-20	10	95	4.24	3.98	3.84
Flange Mount, 3 Wires									
539-PLD27N36W	X	Con.+Slow	3.5	3-28	8	90	3.60	3.38	3.26
539-PFD21A29W	Y	Con.+Fast	3.0	3-24	18	90	4.13	3.87	3.74
Panel and Flange Mount, 2 Wires									
539-PK20A35EW	Z	Constant	3.5	3-28	10	95	2.64	2.48	2.39
539-PF20A35EW	Z	Fast	3.5	3-28	10	95	3.87	3.63	3.51
Panel and Flange Mount, 3 Wires									
539-PFD20A35EW	Z	Con.+Fast	3.5	3-28	10	95	4.24	3.98	3.84
539-PLD20A35EW	Z	Con.+Slow	3.5	3-28	10	95	4.24	3.98	3.84

MALLORY Sonalert® Audible Signal Devices

DIMENSIONS (mm)


A
Wash Label
3w0.2
10.3w0.5
x17w0.5
15w0.5
2.2
3
17.5w0.5
5w0.2
3.6
B
8.7w0.3
1.0
0.3
8.7w0.3
AST200 Code Date
2.0
4.0w0.3
Sound Emission Hole
C
Wash Label
x2.6
10.0
3.5w0.2
0.5
3.00
Potting
Terminal Surface (2)
9.8w0.3
12.8w0.3
2.00
6.40
x1.6
12.8w0.3
0.4
AS1300 Code Date
D
SOUND OUTPUT HOLE
3.5
1.0
1.65
14
AST800
Code Date
10.7
x0.6
4.5
7.0
6.2
11
0.4
1.0

DIMENSIONS (


E
Sealed Back
.91
.59
.35
.20
F
Sealed Bac
.91
.59
.53
.20
G
.85
.003
ø.003
(-)
(+)
.59
120°
120°
1.02
.59
.41
Epoxy Resin
H
.84
.59
Black Molded Plastic Case
1.66
.63
.34
.31
.41

Snap-locks into panels 1/32" to 1/8" thick using appropriate compression washer 1.063" dia. panel hole required

I
1.13-24 UNS 2A Thd
.03
.31
Black Molded Plastic Case
=6-32 x 1.4 Screws
Locking Flats
1.24
1.21
1.31
.250
1.13
1.10
.38
.03
.47
.81
.44
1.19 ± .09
1.69
Knurled Nut

Terminals Parallel to Locking Flats within ±15°

J
.38
3
(-)
2
1.68
1
(+)
.58
.63
ø.031 Pin Terminals
1 Dia. Pin Circle
K
Black Molded Plastic Case
Locking Flats
1.31 ± .09
=6-32 x 1.4 Screws
1.24
1.21
1.13
1.10
1.69
Terminals parallel to locking flat within ±15°
.03
.31
1.13-24 UNS 2A Thread
1.31
.250
Knurled Nut
.38
.03
.47
1.38 ± .06
.44

.03 projection is not on 4500Hz models

L
Typical panel installation
Panel
Panel
Compression Washer
.13

SONALERT II™ - SURFACE MOUNT

NEW IN 2001

MOUSER STOCK NO.	Fig.	Resonate/ Oscillating Frequency (Hz)	Rated Voltage Vpp	Operating Voltage (max.)	Sound Pressure dB (min.)	Current Consumption (max.)	Price Each		
							1	10	25
539-ASI300	A	4000 +/-500 Hz	5 Vpp	15 Vpp	80 dB	1.5 mA	6.93	6.50	6.28
539-ASI400	B	2700 +/-500 Hz	3 Vpp	2~5 Vpp	82~87dB	80 mA	6.93	6.50	6.28
539-AST100	C	2300 +/-300 Hz	5 Vpp	4~7 Vpp	85 dB	30 mA	4.18	3.92	3.78
539-AST200	C	2300 +/-300 Hz	12 Vpp	8~15 Vpp	85 dB	30 mA	4.45	4.17	4.03
539-AST500	C	2400 +/-500 Hz	1.5 Vpp	1.2~3 Vpp	85 dB	70 mA	7.36	6.90	6.67
539-AST600	C	2400 +/-500 Hz	5 Vpp	4~8 Vpp	87 dB	40 mA	6.93	6.50	6.28
539-AST700	D	3200 +/-500 Hz	1.5 Vpp	1.2~1.7 Vpp	85 db	80 mA	6.93	6.50	6.28
539-AST800	D	3200 +/-500 Hz	3 Vpp	2~4.5 Vpp	87 dB	70 mA	4.18	3.92	3.78

SONALERT II™

- Low power consumption
- Low cost
- Low profile and compact
- Piezo tone quality
- Made in the USA

MOUSER STOCK NO.	Fig.	Frequency	Minimum Sound Pressure (dB/2 ft.)	Rated Voltage	Maximum Current	Price Each			
						1	25	50	100
539-MSR320	H	3.40KHz ± .4KHz	75 @ 12V	3-20VDC	3-16mA @ 3-20VDC	3.30	2.65	2.43	2.17
539-MSR516N	H	3.40KHz ± .4KHz	85 @ 12V	5-16VDC	3-16mA @ 5-16VDC	5.30	4.18	3.81	3.32
539-MSO320	I	3.15KHz ± .4KHz	75 @ 12V	3-20VDC	3-16mA @ 3-20VDC	3.63	2.90	2.66	2.39
539-MAS800	J	2.8KHz ± .5KHz	103 @ 12V	9-12VDC	50mA @ 9-12VDC	4.82	4.44	4.05	3.67

INTERMITTENT TONES

MOUSER STOCK NO.	Fig.	Mounting Method	Freq. ±500 (Hz)	Operating Voltage · AC/DC Non-Polar All others DC only		Sound Pressure dB (A) @ 2 ft.		Typical Operating Current (mA)		Price Each		
				Min.	Max.	@ V Min.	@ V Max.	@ Min. V	@Max. V	1	25	50
Fast Pulse												
539-SC616NP	B	Panel	2900	6	16	80	95	4	16	24.10	22.17	20.24
539-SC628P	D	Panel	2900	6	28	68	80	6	22	25.23	23.21	21.19
539-SC110P	D	Panel	2900	· 30	· 120	68	80	6	21	39.80	36.62	33.43
Slow Pulse												
539-SC616NJ	B	Panel	2900	6	16	80	95	4	16	24.10	22.17	20.24
539-SC628J	D	Panel	2900	· 6	· 28	68	80	6	22	25.33	23.30	21.27
539-SC110NJ	D	Panel	2900	· 30	· 120	80	95	8	28	41.45	38.13	34.82
539-SC110J	D	Panel	2900	· 30	· 120	68	80	6	21	39.90	36.71	33.52
Dual Mode												
539-SBM616PU	C	PC Board	2900	6	16	68	78	3	12	20.38	18.75	17.12
Chime Tone												
539-SC616CP	D	Panel	2900	6	16	68	78	3	8	29.28	26.93	24.59
Chirp												
539-SC110Q	B	Panel	2900	30AC	120AC	68	80	6	22	20.05	18.45	16.84

CONTINUOUS TONES

* UL

539-SBM428	J	PC Board	2900	4	28	64	78	3	16	16.25	14.95	13.65
539-SC105	I	Panel	2900	1	5	60	75	3	16	14.93	13.73	12.54
539-SC307N	I	Panel	2900	3	7	80	90	3	8	20.93	19.25	17.58
* 539-SC628	I	Panel	2900	6	28	68	80	3	18	14.93	13.78	12.54
539-SC628A	K	Panel	2900	6	28	68	80	6	23	26.00	23.92	21.84
539-SC628AN	K	Panel	2900	· 6	· 28	80	95	8	28	33.18	30.52	27.87
539-SC628D	I	Panel	1900	6	28	60	75	6	23	17.15	15.78	14.41
539-SC628N	I	Panel	2900	6	28	80	90	3	14	16.33	15.02	13.71
* 539-SC648	I	Panel	2900	10	48	68	80	5	22	15.55	14.31	13.06
539-SC616N	I	Panel	2900	· 6	· 16	80	95	4	16	18.80	17.30	15.79
* 539-SC110	K	Panel	2900	· 30	· 120	68	80	6	21	30.70	28.24	24.57
539-SC110N	K	Panel	2900	· 30	· 120	80	95	8	28	40.39	37.65	34.38
* 539-SNP428	H	Snap in	2900	4	28	64	78	3	18	13.95	12.83	11.72

COMPRESSION WASHERS

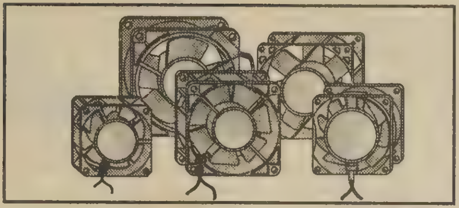
- For mounting 539-SNP Series
- Compression 5:1
- Size 1.06" I.D. x 1.50" O.D.

MOUSER STOCK NO.	Fig.	Material	Washer Thickness	Panel Thickness	Price Each			
					2	25	50	100
539-PW1	G	Black ester foam	.063	11-12 GA (.125-.109)	.18	.16	.14	.13
539-PW2	G	Black ester foam	.125	13-17 GA (.093-.056)	.33	.30	.27	.24
539-PW3	G	Black ester foam	.187	18-22 GA (.050-.031)	.42	.38	.34	.31

AGUSTA COOLING DEVICES

TUBEAXIAL FANS

Design these quietly operating fans into computer systems, power supplies, and other equipment requiring additional air flow for heat removal.



DC Brushless

- 12 inch leads
- UL 94V-0 durable plastic housing and impellers

E94964(S)

MOUSER STOCK NO.	Volts (DC)	Bearing	Current (mA)	Power (W)	Air Flow (CFM)	Noise (dBa)	Price Each		
							1	10	25
1.57" x 1.57" x 0.47" (40 x 40 x 12mm)									
432-32214	12	Sleeve	60	.72	4.0	25	7.99	7.26	6.60
432-31214	12	Ball	60	.72	4.0	25	12.15	11.04	10.04
1.57" x 1.57" x 0.78" (40 x 40 x 20mm)									
432-32224	12	Sleeve	100	1.20	5.4	27	7.99	7.26	6.60
432-31224	12	Ball	100	1.20	5.4	27	12.15	11.04	10.04
432-32226	12	Sleeve	160	1.92	7.56	33	7.99	7.26	6.60
432-31226	12	Ball	160	1.92	7.56	33	12.15	11.04	10.04
2.36" x 2.36" x 1" (60 x 60 x 25mm)									
432-31432	12	Ball	90	1.1	12.7	22	12.15	11.04	10.04
432-31434	12	Ball	110	1.3	15.5	25	12.15	11.04	10.04
432-31436	12	Ball	130	1.6	18.7	30	12.15	11.04	10.04
432-51432	24	Ball	80	1.9	12.7	22	12.15	11.04	10.04
432-51434	24	Ball	100	2.4	15.5	25	12.15	11.04	10.04
432-51436	24	Ball	120	2.9	18.7	30	12.15	11.04	10.04
3.15" x 3.15" x 1" (80 x 80 x 25mm)									
432-31532	12	Ball	120	1.2	19.8	25	11.98	10.89	9.90
432-31534	12	Ball	160	1.9	27.0	32	11.98	10.89	9.90
432-32534	12	Sleeve	160	1.9	27.0	32	8.65	7.87	7.15
432-31536	12	Ball	200	2.4	32.4	35	11.98	10.89	9.90
432-51532	24	Ball	90	2.2	19.8	25	11.98	10.89	9.90
432-51534	24	Ball	110	2.6	27.0	32	11.98	10.89	9.90
432-51536	24	Ball	130	3.1	32.4	35	11.98	10.89	9.90
3.62" x 3.62" x 1" (92 x 92 x 25mm)									
432-31632	12	Ball	160	1.9	25.2	28	12.44	11.31	10.29
432-31634	12	Ball	200	2.4	32.4	35	12.44	11.31	10.29
432-31636	12	Ball	320	3.1	43.2	40	12.44	11.31	10.29
432-51632	24	Ball	100	2.4	25.2	28	12.44	11.31	10.29
432-51636	24	Ball	180	4.3	43.2	40	12.44	11.31	10.29
4.72" x 4.72" x 1" (120 x 120 x 25mm)									
432-31832	12	Ball	140	1.7	54	39	15.97	14.52	13.20
432-31834	12	Ball	250	3.0	64.8	46	15.97	14.52	13.20
432-31836	12	Ball	380	3.96	79.2	50	15.97	14.52	13.20
432-51832	24	Ball	100	2.4	54	39	15.97	14.52	13.20
432-51834	24	Ball	180	4.32	64.8	46	15.97	14.52	13.20
432-51836	24	Ball	240	5.76	79.2	50	15.97	14.52	13.20

AC Tubeaxial

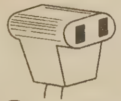
- 115VAC 60Hz operation
- 12" leads
- Rugged, all metal, die-cast, aluminum housings and steel impellers
- Shaded-pole, impedance protected motors

3.15" x 3.15" x 1.5" (80 x 80 x 38mm)									
432-81558	115	Ball	130	10	32	38	23.63	21.48	19.53
432-82558	115	Sleeve	130	10	32	38	19.30	17.55	15.95
432-81556	115	Ball	120	10	29	37	23.63	21.48	19.53
432-81554	115	Ball	120	9	26	31	23.63	21.48	19.53
432-81552	115	Ball	110	9	21	26	23.63	21.48	19.53
432-82552	115	Sleeve	110	9	21	26	19.30	17.55	15.95
4.69" x 4.69" x 1.5" (119 x 119 x 38mm) 12" Leads									
432-81858	115	Ball	240	22	105	50	24.12	21.93	19.94
432-82858	115	Sleeve	240	22	105	50	20.30	18.45	16.78
432-81862	115	Ball	200	19	55	35	24.12	21.93	19.94
432-81864	115	Ball	220	20	65	38	24.12	21.93	19.94
432-81866	115	Ball	230	21	78	42	24.12	21.93	19.94
Faston Terminals									
432-81856	115	Ball	230	21	78	42	24.12	21.93	19.94
432-81854	115	Ball	220	20	65	38	24.12	21.93	19.94
432-81852	115	Ball	200	19	55	35	24.12	21.93	19.94
432-82852	115	Sleeve	200	19	55	35	20.30	18.45	16.78

AGUSTA COOLING DEVICES

AC FAN POWER CORD

Designed for use with the Augusta 4.69" AC tubeaxial fans. Can be used with all AC fans using .110" x .020" Faston terminals with .3125" spacing. In 24" length with convenient T-type mounting receptacle.



Specifications:

- Cord type: SPT 1
- Temperature rating: 105°C max.
- Tab size: fits .110" x .020" fastons with .3125" tab spacing

MOUSER STOCK NO.	Length (In.)	AWG	Termination	Price Each			
				1	10	25	50
432-6101	24	18	T-type	1.78	1.57	1.43	1.30

E56356 LL38816

Qualtek ELECTRONICS CORPORATION

Fan-S' Division
Fan Accessories

PLASTIC FAN FILTER ASSEMBLIES

Retainer:

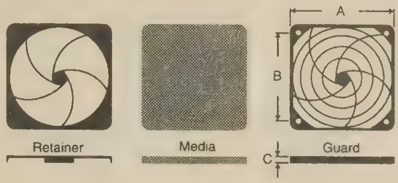
- UL Listed 94V-0 material
- Designed for minimal air restriction

Media:

- Helps reduce external fan noise
- Easily cleaned by vacuuming or washing with most soaps, detergents or cleaning solvents

Guard:

- UL Listed 94V-0 material
- Decreased noise level due to design
- Withstands high impact

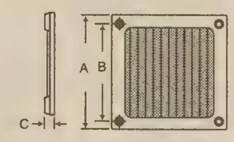


MOUSER STOCK NO.	Description	Dimensions (In.)			Price Each		
		A	B	C	1	25	50
2.36" (60mm)							
562-0925045	Guard, retainer, media	2.36	1.97	.25	1.24	1.04	.94
562-09250M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	2.23	1.87	1.69
562-09250G	Plastic guard only	2.36	1.97	.25	.47	.40	.36
3.15" (80mm)							
562-0932545	Guard, retainer, media	3.29	2.81	.393	1.43	1.20	1.09
562-09325M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	1.61	1.35	1.23
562-09325G	Plastic guard only	3.15	2.81	.257	.72	.60	.55
3.62" (92mm)							
562-0936245	Guard, retainer, media	3.80	3.25	.393	3.19	2.88	2.58
562-09362M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	2.58	2.16	1.95
562-09362G	Plastic guard only	3.62	3.25	.25	.80	.67	.60
4.72" (120mm) 4.69" (119mm)							
562-0945045	Guard, retainer, media	4.87	4.13	.420	2.19	1.84	1.66
562-09450M45	45 PPI filter media, 5 pack	- - -	- - -	- - -	2.08	1.75	1.58
562-09450G	Plastic guard only	4.65	4.13	.279	.98	.82	.74

Qualtek ELECTRONICS CORPORATION

Fan-S' Division
Fan Accessories

ALUMINUM FAN FILTERS



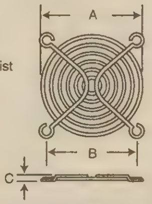
MOUSER STOCK NO.	Description	Dimensions (In.)			Price Each		
		A	B	C	1	25	50
3.15" (80mm)							
562-06325M	Filter, unfinished 3 1/8"	3.30	2.810	.175	3.35	3.03	2.71
562-06325B	Filter, black anodized 3 1/8"	3.30	2.810	.175	4.59	3.67	3.15
562-06325C	Filter, clear coat 3 1/8"	3.30	2.810	.175	4.59	3.67	3.15
3.62" (92mm)							
562-06362M	Filter, unfinished 3 5/8	3.62	3.245	.175	3.74	3.38	3.03
562-06362B	Filter, black anodized 3 5/8"	3.62	3.245	.175	4.60	3.68	3.50
562-06362C	Filter, clear coat 3 5/8"	3.62	3.245	.175	4.60	3.68	3.50
4.72" (120mm) 4.69" (119mm)							
562-06450M	Filter, unfinished 4 1/2"	4.68	4.125	.175	4.15	3.75	3.55
562-06450B	Filter, black anodized 4 1/2"	4.68	4.125	.175	5.67	4.54	3.91
562-06450C	Filter, clear coat 4 1/2"	4.68	4.125	.175	5.67	4.54	3.91

Qualtek ELECTRONICS CORPORATION

Fan-S' Division
Fan Accessories

WIRE FORM FAN GUARDS

For use with our tubeaxial fans. 1/4" maximum ring spacing design was developed to assist our customers in complying with domestic and international safety agency requirements.



Features:

- C1010 basic wire
- Weld joints withstand 220 lb. minimum separation force

Specifications:

- Over wire dia. @ butt joints: .010 max.
- Depth of serrations on wire: .015 max.
- Thickness of nickel chrome: .0005 min.
- Tolerance: -.XX = ±.03" .XXX = ± .015

MOUSER STOCK NO.	For Use with Fan Size		Dimensions (In.)			Price Each			
	(In.)	(mm)	A	B	C	1	25	50	100
562-08149	1.58	40	1.15	1.26	.189	.64	.53	.48	.42
562-08147	2.36	60	2.09	1.97	.20	.71	.59	.53	.47
562-08172	3.15	80	3.00	2.81	.20	.81	.68	.61	.53
562-08174	3.62	92	3.52	3.25	.20	.92	.77	.69	.60
562-08170	4.72 /4.69	120 / 119	4.55	4.125	.22	1.11	.92	.83	.73

Qualtek ELECTRONICS CORPORATION

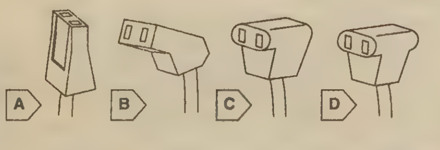
Fan-S' Division
Fan Accessories

FAN POWER CORDS

High quality fan power cords designed to be used with tubeaxial fans.

Features:

- Strain relief is incorporated for added safety
- UL Rated 10A/125VAC
- CSA Rated 7A/125VAC



E118750

LR58844-5M

Specifications:

- Cord type: SPT-1 (2) conductor black
- Cord length: 24"
- Voltage rating: 300V
- Temperature range: 105°C

MOUSER STOCK NO.	Fig.	Style	Price Each		
			1	10	25
562-07100-24	A	Straight	1.36	1.26	1.18
562-07145-24	B	45 degree	1.36	1.26	1.18
562-07190-24	C	90 degree	1.36	1.26	1.18
562-07199-24	D	T-plug	1.36	1.26	1.18

FOR TO-3 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions (In.)			Price Each		
				L	W	H	1	10	100
532-579103B00	A	Space saving, expandable collar	22.0	1.540	1.125	.870	.79	.70	.59
532-575703B00	B	Space saving, slanted fin basket	13.4	1.630	1.290	.750	.81	.72	.61
532-501303B00	C	Space saving, minimal board space	12.0	1.880	1.400	0.500	.72	.64	.54
532-501403B00	C	Space saving, minimal board space	10.0	1.880	1.400	0.750	.77	.69	.58
532-501503B00	C	Space saving, minimal board space	6.3	1.880	1.400	1.000	1.07	.95	.81
532-501603B00	C	Space saving, minimal board space	5.4	1.880	1.400	1.250	1.10	.97	.82
532-576203B00	D	Slanted vanes for maximum cooling	6.2	1.810	1.810	0.750	1.98	1.75	1.48
532-500103B00	E	Slanted fins for efficient cooling	7.2	1.810	1.810	0.500	1.79	1.59	1.34
532-500403B00	E	Slanted fins for efficient cooling	5.0	1.810	1.810	1.250	1.74	1.54	1.30
532-568303B00	F	Natural or forced air cooling	5.4	1.810	1.810	1.250	4.17	3.69	3.13
532-569003B00	G	Fold-back fins for maximum surface	5.4	1.830	1.830	1.310	1.21	1.07	.91
532-506007B00	H	Universal hole pattern, low profile	7.0	2.000	1.750	0.375	.86	.76	.64

FOR TO-66 CASE STYLES

For quantities greater than listed, call for quote.

532-569006B00	G	Fold-back fins for maximum surface	5.4	1.830	1.830	1.310	1.39	1.23	1.04

FOR TO-5 AND TO-39 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions (In.)			Price Each		
				L	W	H	1	10	100
532-322505B00	I	Space saver, easy installation	56.0	0.750	0.750	0.400	2.09	1.85	1.57
532-323005B00	J	Finned for maximum thermal cooling	56.0	0.750	0.750	0.250	.93	.82	.70
532-578205B00	K	Snap-on cooler for easy assembly	38.0	0.500	0.830	0.395	.25	.22	.19
532-578305B00	K	Snap-on cooler for easy assembly	35.0	0.750	0.830	0.395	.27	.24	.21

FOR TO-18 AND TO-92 CASE STYLES

For quantities greater than listed, call for quote.

532-322400B00	L	Space saver, easy installation	100.0	0.500	0.500	0.235	1.10	.98	.83

FOR TO-92 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions (In.)			Price Each		
				L	W	H	1	10	100
532-575200B00	M	Slip-on, low cost, minimum space	60.0	- - - -	0.602	0.720	.27	.23	.20
532-575400B00	M	Slip-on, low cost, minimum space	40.0	- - - -	0.602	1.220	.25	.23	.19

FOR TO-126 AND TO-127 CASE STYLES

For quantities greater than listed, call for quote.

532-577500B00	N	Vertical mount for easy assembly	26.0	0.520	0.775	0.320	.27	.23	.20
532-507302B00	O	Economy, low profile	24.0	0.750	0.750	0.375	.23	.20	.17

FOR TO-202 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions (In.)			Price Each		
				L	W	H	1	10	100
532-576904B00	P	Trim, low profile, minimum space	32.0	0.750	0.520	0.250	.27	.24	.20
532-577304B00	P	Trim, low profile, minimum space	27.2	0.750	0.520	0.375	.25	.22	.19
532-577404B00	P	Trim, low profile, minimum space	24.0	0.750	0.520	0.500	.25	.22	.19
532-574204B00	Q	Clip-on cooler for easy assembly	16.8	0.390	1.020	0.900	.37	.33	.28
532-531002B25	R	Extruded for HD application, solid pins	13.6	0.500	1.380	1.000	1.06	.94	.80
532-531102B00	R	Extruded for HD application, no pins	11.0	0.500	1.380	1.500	1.04	.92	.78
532-531102B25	R	Extruded for HD application, solid pins	11.0	0.500	1.380	1.500	1.12	1.00	.84
532-531202B00	R	Extruded for HD application, no pins	9.0	0.500	1.380	2.000	1.17	1.04	.88
532-531202B25	R	Extruded for HD application, solid pins	9.0	0.500	1.380	2.000	1.22	1.08	.91
532-531302B00	R	Extruded for HD application, no pins	8.0	0.500	1.380	2.500	1.16	1.02	.87
532-531302B25	R	Extruded for HD application, solid pins	8.0	0.500	1.380	2.500	1.26	1.12	.95

FOR TO-218 CASE STYLES

For quantities greater than listed, call for quote.

532-530101B15	S	Versatile high rise, twisted fins	6.3	0.500	1.750	1.750	1.54	1.37	1.16
532-530401B15	T	Versatile high rise, staggered fins	16.8	0.750	1.750	1.750	1.54	1.37	1.16
532-513102B25	U	Solder pins for solder mounting	11.0	0.500	1.380	1.500	.94	.83	.71
532-513201B25	U	Solder pins for solder mounting	9.0	0.500	1.380	2.000	1.10	.98	.83
532-529801B25	V	Solder pins for solder mounting	3.7	1.000	1.650	1.500	1.38	1.22	1.03
532-592201B34	W	Clip-on with fold back fins	6.8	0.470	1.950	1.970	1.05	.93	.78

FOR MULTIWATT CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions (In.)			Price Each		
				L	W	H	1	10	100
532-566010B34	X	Vertical mount, slide-on with tabs	11.5	1.000	0.500	1.220	1.25	1.11	.94

FOR SURFACE MOUNT CASE STYLES

For quantities greater than listed, call for quote.

532-573100D10	Y	D-Pak / TO-252, high cond. copper	26.0	0.315	0.900	0.400	.69	.61	.52
532-573300D10	Y	D2Pak / TO-263, high cond. copper	18.0	0.500	1.030	0.400	.55	.49	.41
532-573400D10	Y	D3Pak / TO-268, high cond. copper	14.0	0.500	1.220	0.400	.59	.53	.45

THERMALLY CONDUCTIVE ADHESIVE AND COMPOUND

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dielectric Strength	Thermal Conductivity	Price Each		
						1	10	100
532-100500F00	Z	Thermally conductive compound	5 oz.	250	5.2	23.60	20.92	17.70
532-161000F00	AA	2-part thermally conductive adhesive	10 g	410	6.1	8.40	7.45	6.30

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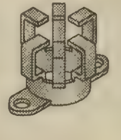
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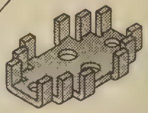
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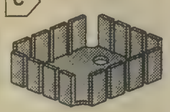
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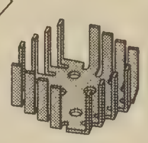
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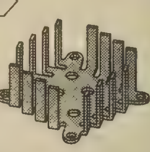
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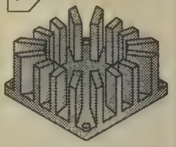
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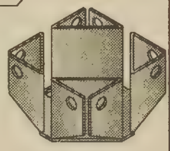
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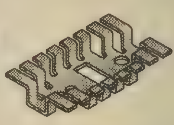
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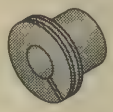
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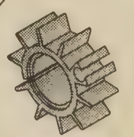
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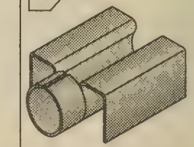
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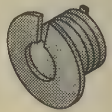
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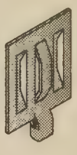
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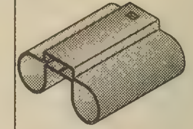
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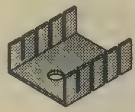
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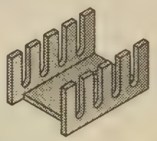
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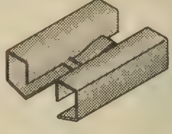
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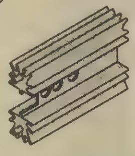
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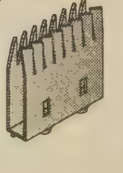
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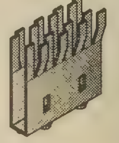
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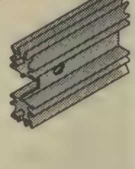
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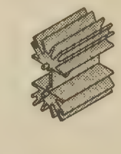
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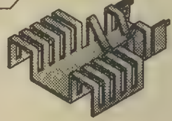
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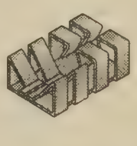
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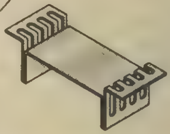
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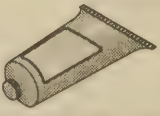
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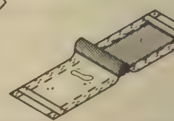

AAVID THERMALLOY

Heat Sinks

FOR TO-220 CASE STYLES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Ther Res (°C/W)	Dimensions (In.)			Price Each		
				L	W	H	1	10	100
532-576802B00	A	Slim, plug-in without tabs	18.8	0.750	0.500	0.500	.33	.30	.25
532-576802B31	A	Slim, plug-in with horiz. tabs, horiz. mount	18.8	0.750	0.500	0.500	.49	.43	.36
532-576802B37	A	Slim, plug-in with vert. tabs, horiz. mount	18.8	0.500	0.500	0.750	.51	.45	.38
532-576802B39	A	Slim, plug-in with vert. tabs, horiz. mount	18.8	0.500	0.500	0.750	.43	.38	.32
532-576802B40	A	Slim, plug-in with vert. tabs, vert. mount	18.8	0.500	0.500	0.750	.47	.41	.35
532-576802B41	A	Slim, plug-in with vert. tabs, vert. mount	18.8	0.500	0.500	0.750	.50	.44	.38
532-591302B28	A	Slim, plug-in with shur-lock tabs, vert mnt.	26.8	0.750	0.500	0.500	.64	.56	.48
532-577002B00	B	Compact, limited space, no tabs	32.0	0.750	0.520	0.250	.23	.21	.17
532-577102B00	B	Compact, limited space, no tabs	25.9	0.750	0.520	0.375	.21	.18	.15
532-577102B40	B	Compact, limited space, with tabs	25.9	0.375	0.520	0.750	.37	.33	.28
532-577202B00	B	Compact, limited space, no tabs	24.4	0.750	0.520	0.500	.21	.19	.16
532-577202B40	B	Compact, limited space, with tabs	24.4	0.500	0.520	0.750	.42	.37	.31
532-507302B00	C	Economy, low profile cooler	24.0	0.750	0.750	0.375	.23	.20	.17
532-530613B00	D	Light weight for PCB applications, 2 holes	16.7	1.180	1.000	0.500	.38	.33	.28
532-530614B00	D	Light weight for PCB applications, 1 hole	16.7	1.180	1.000	0.500	.38	.33	.28
532-530714B00	D	Light weight for PCB applications, 1 hole	20.3	0.710	1.000	0.500	.27	.23	.19
532-576012B00	D	Light weight for PCB applications	23.2	0.900	1.000	0.375	.49	.44	.37
532-592502B34	E	Wave-solderable with twisted fins	22.0	0.250	0.875	1.250	.64	.57	.48
532-579302B00	F	Snap-down, built-in clip	16.8	0.750	0.980	0.440	.29	.26	.22
532-579402B00	F	Snap-down, built-in clip	16.8	0.750	0.980	0.440	.32	.28	.24
532-575102B00	G	Snap-down, with semi held by dins	16.8	0.750	1.120	0.435	.38	.34	.29
532-593202B35	H	Wave-solderable with twisted fins	10.0	0.500	1.380	2.000	.79	.70	.59
532-534302B35	H	Twisted fins with tabs, vert. mt., no holes	10.4	0.490	1.380	2.000	.84	.74	.63
532-574102B00	I	Plug-in, w/spring, w/o tabs, vert. mount	23.2	0.395	0.860	0.750	.24	.21	.18
532-574102B33	I	Plug-in, w/spring, vert. tabs, vert. mount	23.2	0.395	0.860	0.750	.64	.57	.48
532-574502B00	I	Plug-in, w/spring, w/o tabs, vert. mount	21.2	0.395	0.860	0.750	.24	.21	.18
532-574502B32	I	Plug-in, w/spring, horiz. tabs, vert. mount	21.2	0.395	0.860	0.750	.43	.38	.32
532-574502B37	I	Plug-in, w/spring, stepped tabs, vert. mt.	21.2	0.395	0.860	0.750	.41	.36	.31
532-574502B48	I	Plug-in, w/spring, vert. tabs, vert. mount	21.2	0.395	0.860	0.750	.51	.45	.38
532-574902B33	I	Plug-in, w/spring, vert. tabs, vert. mount	16.0	1.375	0.860	0.395	.63	.56	.47
532-574902B37	I	Plug-in, w/spring, stepped tabs, vert. mt.	16.0	1.375	0.860	0.395	.65	.58	.49
532-574402B32	I	Plug-in, w/spring, horiz. tabs, horiz. mt.	23.2	0.750	0.860	0.395	.62	.55	.47
532-523002B00	J	Vertical, low cost, black anodized	13.6	1.180	1.000	0.500	.42	.37	.31
532-523002T00	J	Vertical, low cost, dielectric coat	13.6	1.180	1.000	0.500	2.48	2.19	1.86
532-575002B00	J	Vertical, low cost, black anodized	13.6	1.180	1.000	0.500	.34	.30	.26
532-563002B00	K	Vertical mount, black anodized	13.0	1.180	1.000	0.500	.34	.30	.26
532-576602B00	K	Vertical mount, black anodized	16.6	0.950	1.000	0.500	.43	.38	.32
532-576602T00	K	Vertical mount, tin plated	16.6	0.950	1.000	0.500	2.06	1.83	1.55
532-590302B36	K	Vertical mount, black anodized	8.3	1.670	1.000	1.000	.91	.81	.68
532-534202B28	L	Vertical mount, black anodized	13.0	0.930	1.000	0.500	1.16	1.02	.87
532-534202B34	L	Vertical mount, black anodized	13.0	0.930	1.000	0.500	.77	.68	.58
532-593002B34	L	Wave-solderable with twisted fins	13.4	1.180	1.000	0.500	.69	.61	.52
532-504102B00	M	Narrow, low profile economy cooler	15.6	0.700	0.784	0.850	.28	.25	.21
532-504222B00	N	Low profile for min PCB space	6.4	1.450	0.700	0.850	.44	.39	.33
532-507002B00	O	Low profile, high power cooler	15.6	0.700	1.750	0.375	.24	.21	.18
532-507102B00	P	Low profile, high power, hat cooler	15.6	0.700	1.750	0.500	.27	.23	.20
532-507222B00	Q	Low profile, high power cooler	9.6	1.470	1.750	0.375	.44	.39	.33
532-590102B36	R	High performance, solder mounting tabs	10.0	1.000	1.000	1.675	.71	.63	.53
532-551002B00	S	Maximum cooling surface in min. space	12.4	1.450	1.006	0.787	.58	.51	.43
532-569022B00	T	High power dissipation with fold fins	5.5	1.830	1.830	1.310	1.52	1.35	1.14
532-530102B15	U	Versatile high rise, twisted fins	6.3	0.500	1.750	1.750	1.54	1.37	1.16
532-530402B10	V	Versatile high rise, staggered fins	16.8	0.750	1.750	1.750	1.49	1.32	1.12
532-531002B00	W	Extruded for HD application, no pins	13.4	0.500	1.380	1.000	.98	.87	.73
532-531002B25	W	Extruded for HD application, solid pins	13.4	0.500	1.380	1.000	1.06	.94	.80
532-531102B00	W	Extruded for HD application, no pins	10.4	0.500	1.380	1.500	1.04	.92	.78
532-531102B25	W	Extruded for HD application, solid pins	10.4	0.500	1.380	1.500	1.12	1.00	.84
532-531202B00	W	Extruded for HD application, no pins	8.3	0.500	1.380	2.000	1.17	1.04	.88
532-531202B25	W	Extruded for HD application, solid pins	8.3	0.500	1.380	2.000	1.22	1.08	.91
532-531302B00	W	Extruded for HD application, no pins	8.0	0.500	1.380	2.500	1.16	1.02	.87
532-531302B25	W	Extruded for HD application, solid pins	8.0	0.500	1.380	2.500	1.26	1.12	.95
532-513102B25	X	Solder pins for solder mounting	11.0	0.500	1.380	1.500	.94	.83	.71
532-513201B25	X	Solder pins for solder mounting	9.0	0.500	1.380	2.000	1.10	.98	.83
532-529602B25	Y	Solder pins for solder mounting	3.7	1.000	1.650	1.500	1.35	1.20	1.01
532-529902B25	Y	Solder pins for solder mounting	3.4	1.000	1.650	2.000	1.65	1.46	1.24
532-578622B32	Z	Vertical mount, staked-on tin tabs	13.2	0.500	1.480	1.030	.84	.74	.63
532-581002B25	AA	High performance extrusion	17.4	0.640	1.000	0.640	1.22	1.08	.91

FOR DIP PACKAGES

For quantities greater than listed, call for quote.

532-580200B00	BB	Low cost for 14/16 pin plastic DIP pkgs	38.0	0.837	0.600	0.410	.34	.30	.25
532-580400B00	BB	Low cost for 20 pin DIP packages	39.0	1.055	0.700	0.556	.65	.58	.49
532-580500B00	BB	Low cost for 24 pin DIP packages	20.0	1.460	1.008	0.580	.62	.55	.46
532-580700B00	BB	Low cost for 40 pin DIP packages	22.0	2.256	0.980	0.590	.67	.59	.50
532-501100B00	CC	Glue-on for 14/16 pin DIP packages	67.0	0.750	0.250	0.190	.54	.48	.41
532-501200B00	DD	Glue-on for 14/16 pin DIP packages	62.5	0.730	0.250	0.190	.58	.51	.43

HEAT SINK COMPOUND

Highest quality silicone grease. Excellent thermal conductivity.

MOUSER STOCK NO.	Description	Price Each
524-8109-S	1 oz. Tube	6.50
524-10-8106	1 lb. Can	26.37

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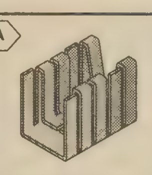

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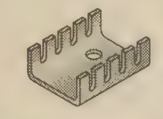

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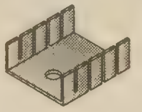

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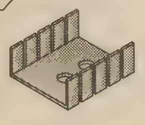

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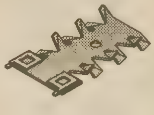

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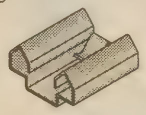

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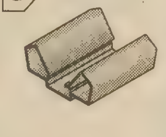

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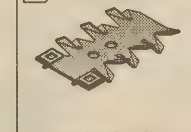

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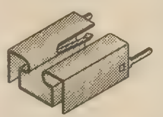

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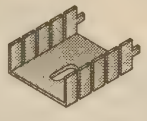

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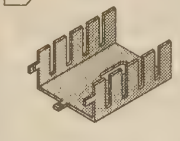

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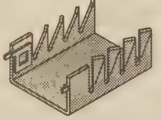

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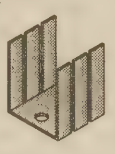

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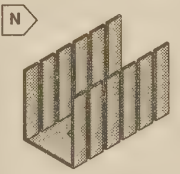

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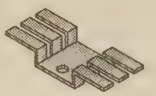

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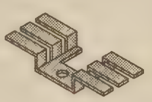

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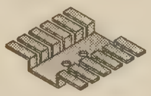

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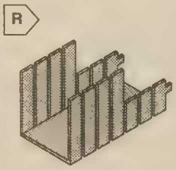

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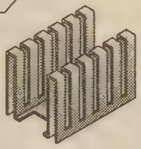

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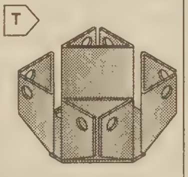

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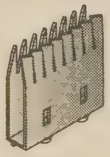

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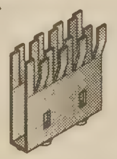

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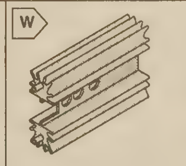

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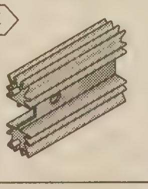

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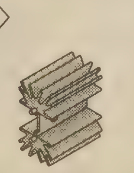

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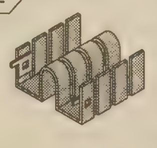

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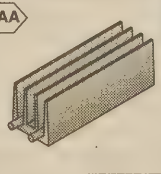

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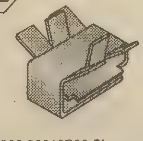

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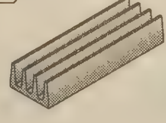

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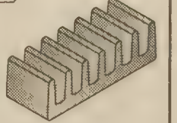

Knobs

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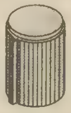

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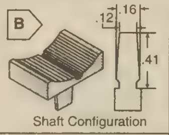

Shaft Configuration

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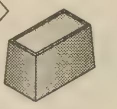

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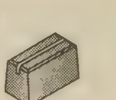

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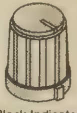
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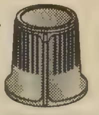
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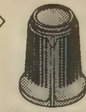
White Indicator

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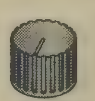

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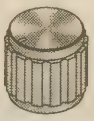

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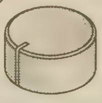

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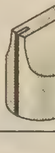

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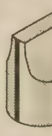

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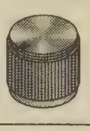

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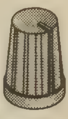

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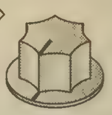

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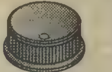

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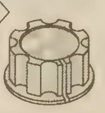

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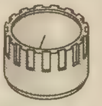

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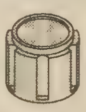

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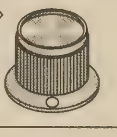

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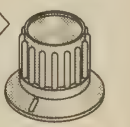

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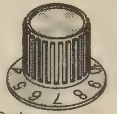
0-10 Scale

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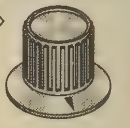

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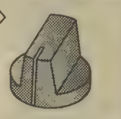

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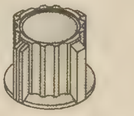

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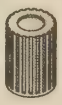

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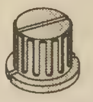

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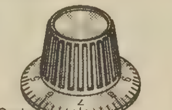
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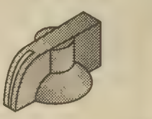

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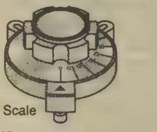

0-100 Scale

EAGLE CONTROL KNOBS

High Visibility Color

Plastic knobs with brass inserts and set screw fittings. Black body with a white indicator. Diameter measured at knob bases or skirt. Fits .25" shafts.

MOUSER STOCK NO.	Fig.	Color Top	Dia. (In.)	Height (In.)	Price Each		
					1	10	100
450-2040	A	Red	.52	.62	.99	.78	.69
450-2050	A	Yellow	.52	.62	.99	.78	.69
450-2060	A	Green	.52	.62	.99	.78	.69
450-2070	A	Blue	.52	.62	.99	.78	.69
450-3180	A	Green	.75	.64	1.08	.83	.75
450-3181	A	Red	.75	.64	1.08	.83	.75
450-3182	A	Yellow	.75	.64	1.08	.83	.75
450-3183	A	Blue	.75	.64	1.08	.83	.75

Slide

- Fits 312-9000, 9100, and 9302 series slide potentiometers

MOUSER STOCK NO.	Fig.	Color	Dimensions (In.)			Price Each		
			W	H	L	1	10	100
450-3050	B	Orange	.68	.63	.79	.49	.33	.30
450-3051	B	Black	.68	.63	.79	.49	.33	.30
450-3052	B	Gray	.68	.63	.79	.49	.33	.30
45KN151	C	Black	.36	.45	.60	.74	.59	.53
450-0154	D	Black	.24	.36	.47	.39	.24	.22

Color Knobs for Knurled Shafts

- Knob color: black
- Diameter measured at knob base
- Knob fits 6mm, 18 tooth knurled shaft

MOUSER STOCK NO.	Fig.	Color Top	Shaft Hole (In.)	Dia. (In.)	H (In.)	Price Each		
						1	10	100
450-3021	E	Red	.238	.52	.65	.54	.36	.33
450-3022	E	Yellow	.238	.52	.65	.54	.36	.33
450-3023	E	Blue	.238	.52	.65	.54	.36	.33
450-3024	E	Green	.238	.52	.65	.54	.36	.33
450-3031	F	Red	.238	.63	.59	.54	.36	.33
450-3032	F	Yellow	.238	.63	.59	.54	.36	.33
450-3033	F	Blue	.238	.63	.59	.54	.36	.33
450-3034	F	Green	.238	.63	.59	.54	.36	.33
450-3012	G	Yellow	.238	.68	.87	.60	.40	.36
450-3013	G	Blue	.238	.68	.87	.60	.40	.36
450-3014	G	Green	.238	.68	.87	.60	.40	.36
450-3015	G	Red	.238	.68	.87	.60	.40	.36

Knob for 4mm Shafts

Fits our 31CX series controls • Hole size: 4.1mm

MOUSER STOCK NO.	Fig.	Dia. (In.)	H (In.)	Price Each		
				1	10	100
45KN050	H	.50	.43	1.09	.92	.84

EAGLE ALUMINUM CONTROL KNOBS

Bright Mirror Finish

- Fluted edge
- Fits .25" shafts

MOUSER STOCK NO.	Fig.	Color	Dia. (In.)	H (In.)	Price Each		
					1	10	100
45KN030	I	Aluminum	.79	.77	1.95	1.69	1.54
45KN031	I	Aluminum	.61	.65	1.70	1.48	1.35
45KN032	I	Aluminum	.87	.75	2.22	1.94	1.76
45KN033	I	Aluminum	1.18	.87	2.71	2.36	2.15
450-7030	I	Black	.79	.77	2.04	1.77	1.61
450-7031	I	Black	.61	.65	1.78	1.55	1.41
450-7032	I	Black	.87	.75	2.29	1.99	1.84

Brushed Aluminum Finish

- Saw cut indicator
- Fits .25" shafts

MOUSER STOCK NO.	Fig.	Color	Dia. (In.)	H (In.)	1	10	100
450-6015	J	Aluminum	.63	.55	1.96	1.73	1.61
450-6016	J	Aluminum	.87	.55	2.18	1.92	1.79
450-6017	J	Aluminum	1.10	.55	2.82	2.49	2.32
450-7015	J	Black	.63	.55	2.07	1.83	1.71
450-7016	J	Black	.87	.55	2.28	2.01	1.88

Solid Machined with Hex Set Screw

- Knob fits .25" shafts

MOUSER STOCK NO.	Fig.	Color	Dia. (In.)	H (In.)	1	10	100
450-3000	K	Aluminum	1.00	1.00	6.05	5.34	4.98
450-3001	L	Aluminum	.87	.98	4.86	4.29	4.00

Knurled Aluminum Knobs

This knob features "positive" grip knurled edge and fits .25" shafts.

- Notched tip indicator
- Glossy finish
- Similar to Alco KN series

MOUSER STOCK NO.	Fig.	Color	Dia. (In.)	H (In.)	1	10	100
450-6003	M	Aluminum	.50	.62	1.58	1.40	1.30
450-6005	M	Aluminum	.75	.62	1.99	1.76	1.64
450-6006	M	Aluminum	.94	.62	2.40	2.12	1.98
450-6007	M	Aluminum	1.25	.62	2.81	2.48	2.31
450-6008	M	Black	1.25	.62	2.81	2.48	2.31
450-7005	M	Black	.75	.62	2.09	1.85	1.72
450-6009	M	Black	.50	.62	1.68	1.49	1.35
450-6010	M	Black	.94	.62	2.52	2.22	2.07

EAGLE SOFT TOUCH KNOBS

Plastic shell covered by a thick rubber finish

- Knob fits 6mm, 18 tooth knurled shaft
- Diameter measured at knob base

MOUSER STOCK NO.	Fig.	Color	Shaft Hole (In.)	Dia. (In.)	H (In.)	Price Each		
						1	10	100
450-4010	N	Gray	.238	.51	.71	.60	.40	.36
450-4011	N	Black	.238	.51	.71	.60	.40	.36

EAGLE CONTROL AND INSTRUMENT KNOBS

Knobs are fitted with brass inserts and set screws.
Diameter measured at knob base or skirt. Knob fits .25" shafts.
† White painted indicator line

MOUSER STOCK NO.	Fig.	Replaces Alco Knob	Dia. (In.)	H (In.)	Price Each		
					1	10	100
45KN013	O	———	.94	.59	.74	.50	.46
45KN014	O	———	1.32	.69	.80	.61	.56
45KN015	P	———	.70	.38	.52	.39	.35
45KN016	Q	———	1.29	.63	.97	.75	.68
45KN017	Q	———	1.04	.56	.81	.63	.57
45KN018	Q	———	.75	.46	.73	.56	.51
45KN019	R	———	1.00	.60	1.00	.83	.76
† 45KN023	S	———	.75	.63	.81	.63	.57
45KN026	S	———	.78	.63	.73	.56	.51
45KN024	T	———	.98	.57	1.05	.81	.73
45KN025	U	———	1.31	.87	1.05	.88	.80
45KN021	V	———	1.45	.90	1.26	1.06	.96
45KN022	W	———	1.45	.90	1.26	1.06	.96
450-1017	X	———	1.04	.62	.56	.46	.42
450-2016	Y	———	.90	.71	.97	.75	.68
450-2017	Y	———	1.18	.79	1.15	.89	.81
450-2023	Z	———	.50	.61	.62	.42	.38
450-2034	AA	PKX-50 1/4	.59	.55	.73	.56	.51
450-2035	AA	PKX-60B 1/4	.77	.59	.89	.66	.60
450-2036	AA	PKX-80B 1/4	.95	.78	1.09	.76	.68
450-2039	AA	PKX-100B 1/4	1.39	.71	1.16	.93	.84
450-2037	BB	———	1.16	.71	1.08	.91	.82

EAGLE POINTER KNOBS

Knobs are fitted with brass inserts and set screws for added strength and durability. Knobs fit .25" shafts.

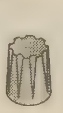
MOUSER STOCK NO.	Fig.	Dia. (In.)	H (In.)	Price Each		
				1	10	100
45KN012	CC	1.25	.65	.69	.46	.42

EAGLE VERNIER DIAL KNOBS

- Knobs fit .25" shafts
- Graduated 0-100
- 8 to 1 turns ratio calibrated over 180°
- ✻ Scale 0-10

MOUSER STOCK NO.	Fig.	Dia. (In.)	H (In.)	Price Each		
				1	10	100
45KN100	DD	1.50	.85	12.73	10.61	9.65
✻ 45KN101	DD	1.50	.85	12.73	10.61	9.65
556-S50	DD	2.00	.85	13.69	12.32	10.95

DAVIES MOLDING KNOBS

A


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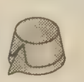

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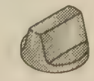

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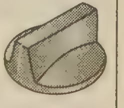

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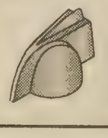

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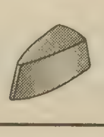
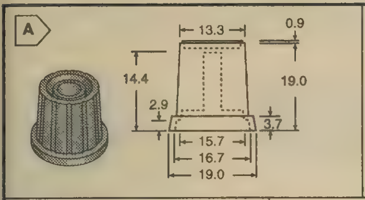


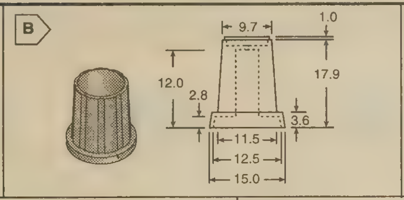
✻ Diameter in table measured at knob base or skirt.

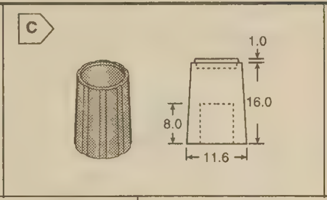
MOUSER STOCK NO.	Fig.	Type of Knob	Hole Size	✻Dia. (In.)	Height (In.)	Price Each			
						1	10	100	500
5164-1900	A	Instrument	.250	.50	.625	.93	.83	.56	.51
5164-1400	B	Control	.250	.69	.41	.51	.43	.29	.28
5164-1510	C	Pointer	.250	.75	.57	1.03	.86	.57	.53
5164-1500	D	Pointer	.250	1.13	.57	.82	.67	.45	.43
5164-2300	E	Pointer	.250	1.25	.625	.58	.50	.34	.32
5164-2310	F	Pointer	.250	1.19	.50	.55	.47	.33	.31

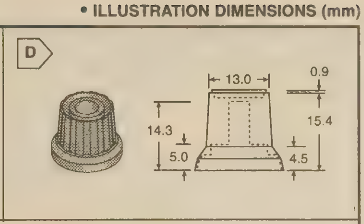
Re'an® Control Knobs

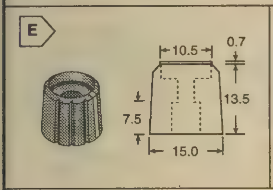
• ILLUSTRATION DIMENSIONS (mm)

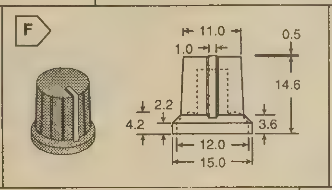


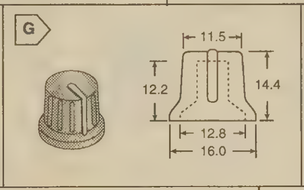


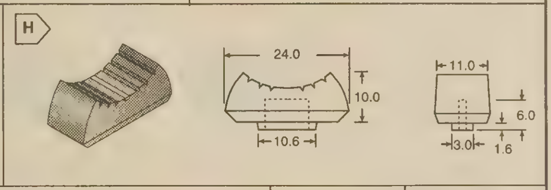


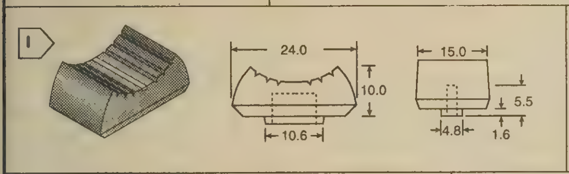


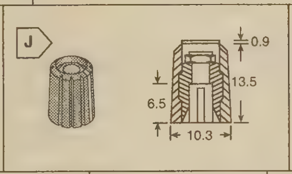


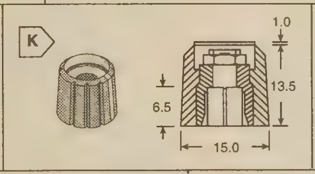


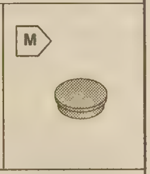


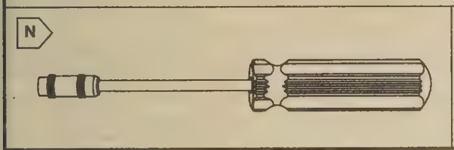


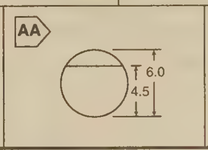


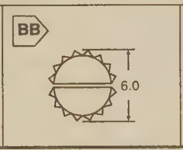


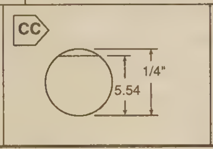


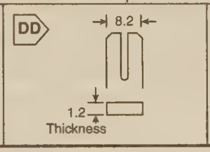


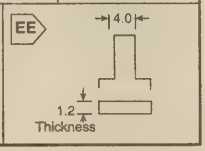












PUSH-ON COLOR CODED CONTROL KNOBS

These control knobs feature a selection of color coded caps to assist engineers when coding different functions. Three colors are available from stock. Other colors are also available. Ask your service representative for details. Order color-coded caps separately.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Size (In.)		Price Each			
				Dia.	Ht.	1	50	100	500
† 550-86101	A	AA	Black	.75	.75	.36	.34	.29	.25
† 550-86102	A	BB	Black	.75	.75	.36	.34	.29	.25
† 550-86103	A	CC	Black	.75	.75	.36	.34	.29	.25
† 550-85901	B	BB	Black	.59	.70	.38	.36	.30	.26
† 550-13801	C	BB	Black	.46	.63	.30	.28	.23	.19
† 550-89001	D	CC	Black	.75	.61	.35	.33	.28	.24
† 550-15031	E	CC	Black	.59	.53	.53	.50	.42	.38

† Knobs require color coded cap

Color-Coded Caps

Other colors are available.
Call your Mouser Service Representative.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Cap Color	Pointer Color	Fits Knob	Price Each			
					1	50	100	500
550-86301	L	Black	White	550-89001	.46	.43	.38	.33
550-86302	L	Blue	White	550-86101	.46	.43	.38	.33
550-86303	L	Gray	White	550-86102 550-86103	.46	.43	.38	.33
550-86401	L	Black	White		.46	.43	.38	.33
550-86402	L	Blue	White	550-85901	.46	.43	.38	.33
550-86403	L	Gray	White	550-13801	.46	.43	.38	.33
550-15021	M	Black	None	550-15031	.15	.14	.10	.08
550-15023	M	Blue	None		.15	.14	.10	.08
550-15022	M	Gray	None		.15	.14	.10	.08

TWO-COLOR HARD BODY CONTROL KNOB

This knob is a product of the latest developments in computer two-color technology. It features a matte black body with a white colored pointer molded in the body. The result is a control knob which keeps its crisp look permanently. **Other pointer colors are available; call your Mouser Service Representative.**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Pointer Color	Size (In.)		Price Each			
					Dia.	Ht.	1	50	100	500
550-57001	F	BB	Black	White	.59	.57	.46	.43	.32	.26

TWO-COLOR "SOFT TOUCH" CONTROL KNOBS

"Soft Touch" technology is now available in a two-color control knob. Styled with today's front panels in mind, these control knobs offer superb looks at competitive costs. **Other pointer colors are available; call your Mouser Service Representative.**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Pointer Color	Size (In.)		Price Each			
					Dia.	Ht.	1	50	100	500
550-67001	G	AA	Black	Gray	.63	.57	.46	.43	.32	.28
550-67002	G	AA	Black	Blue	.63	.57	.46	.43	.32	.28
550-67003	G	BB	Black	Gray	.63	.57	.46	.43	.32	.28
550-67004	G	BB	Black	Blue	.63	.57	.46	.43	.32	.28
550-67005	G	BB	Black	White	.63	.57	.46	.43	.32	.28

SLIDE CONTROL KNOBS

Superb ergonomics and aesthetics at a competitive price. Low profile design and Re án's two-color process. It has been designed to compliment Mouser Stock No. 550-57001. Other colors are available. Call your Mouser Service Representative.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shaft Type	Body Color	Pointer Color	Size (In.)		Price Each			
					W	L	1	50	100	500
550-77301	H	DD	Black	White	.43	.94	.28	.26	.22	.18
550-77304	H	EE	Black	White	.43	.94	.28	.26	.22	.18
550-77801	I	DD	Black	White	.59	.94	.33	.31	.28	.24
550-77804	I	EE	Black	White	.59	.94	.33	.31	.28	.24

10mm COLLET KNOBS

Featuring the latest in computer controlled two-color manufacturing technology. Ask your service representative about other sizes and colors.

- Indicator lines are molded into the knob body
- Available with full length white indicator line
- Caps available with or without indicator line
- Color coded cap, available from stock in 3 colors. Other colors are available. Call your Mouser Service Representative.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shaft Size	Body Color	Pointer Color	Size		Price Each			
					Dia.	Ht.	1	50	100	500
† 550-10501	J	1/8"	Black	White	10mm	.53"	1.25	1.18	1.07	1.00

10mm Color-Coded Caps (Fits knob 550-10501)

† Knobs require color coded cap

MOUSER STOCK NO.	Fig.	Cap Color	Pointer Color	Price Each			
				1	50	100	500
550-10001	L	Black	White	.26	.25	.20	.18
550-10002	L	Gray	White	.26	.25	.20	.18
550-10003	L	Blue	White	.26	.25	.20	.18
550-10011	M	Black	None	.15	.14	.10	.08
550-10012	M	Gray	None	.15	.14	.10	.08
550-10013	M	Blue	None	.15	.14	.10	.08

15mm COLLET KNOBS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Shaft Size	Body Color	Pointer Color	Size		Price Each			
					Dia.	Ht.	1	50	100	500
† 550-15601	K	6mm	Black	White	15mm	.53"	1.34	1.26	1.15	1.07
† 550-15001	K	1/4"	Black	White	15mm	.53"	1.34	1.26	1.15	1.07

15mm Color-Coded Caps (Fits knobs: 550-15601, 550-15001)

† Knobs require color coded cap

MOUSER STOCK NO.	Fig.	Cap Color	Pointer Color	Price Each			
				1	50	100	500
550-15011	L	Black	White	.26	.25	.20	.18
550-15012	L	Gray	White	.26	.25	.20	.18
550-15013	L	Blue	White	.26	.25	.20	.18
550-15021	M	Black	None	.15	.14	.10	.08
550-15022	M	Gray	None	.15	.14	.10	.08
550-15023	M	Blue	None	.15	.14	.10	.08

COLLET ADJUSTMENT TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
550-9002	N	Collet adjustment tool for 10mm knobs	27.20	25.50
550-9003	N	Collet adjustment tool for 15mm knobs	27.20	25.50

Bumpers, Grommets, and Hole Plugs

3M BUMPON PROTECTIVE PRODUCTS

Bumpon Protective Products are self-sticking polyurethane bumpers that serve as high performance cushions, feet, spacers, and protectors. No need for screws, glue, rivets, or holes of any kind!

DIMENSIONS (IN.)

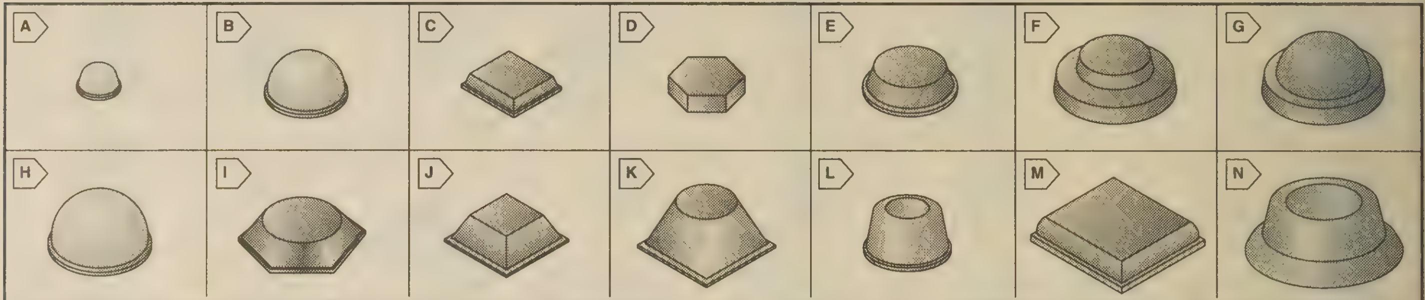
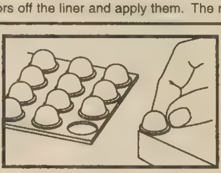


Figure A-J are attached to liner pads. Just peel the "Kiss-Cut" Bumpon protectors off the liner and apply them. The number of Bumpons per liner vary due to size differences of the Bumpons. The prices are for each individiual Bumpon.

- Non-marring
- Crack resistant
- Non-slip

∗ **Available in 4 colors.**
Replace the blank (__) in the part number with:
BK for Black, **GY** for Gray, **BR** for Brown, **WH** for White



Note: all dimensions are height x width (inches)

MOUSER STOCK NO.	Fig.	Description	Size	Color	Std Qty. Per Pad	Price Per Indiv. Bumpon			
						1	144	3000	6000
517-SJ-5402WH	A	Sm. hemisphere	.085x.312	White	144	.16	.075	.041	.04
517-SJ-5302CL	A	Sm. hemisphere	.085x.312	Clear	144	.16	.074	.041	.04
						1	48	3000	6000
517-SJ-5306CL	B	Hemisphere	.15x.375	Clear	48	.16	.076	.042	.041
517-SJ-5406WH	B	Hemisphere	.15x.375	White	48	.16	.076	.042	.041
						1	108	3000	6000
517-SJ-5007BK	C	Tapered square	.10x.40	Black	54	.13	.059	.033	.032
						1	132	300	6000
517-SJ-5201BR	D	Hexagon	.125x.433	Brown	132	.06	.029	.016	.015
517-SJ-5202BR	D	Hexagon	.063x.433	Brown	132	.06	.028	.016	.015
						1	56	3000	6000
517-SJ-5303CL	A	Sm. hemisphere	.20x.44	Clear	56	.17	.078	.043	.042
517-SJ-5003__	A	Sm. hemisphere	.20x.44	*	56	.13	.063	.035	.034
517-SJ-5012__	E	Cylindrical	.14x.50	*	56	.15	.068	.037	.036
517-SJ-5312CL	E	Cylindrical	.14x.50	Clear	56	.17	.08	.044	.043
517-SJ-5412WH	B	Hemisphere	.14x.50	White	56	.17	.078	.043	.042

MOUSER STOCK NO.	Fig.	Description	Size	Color	Std Qty. Per Pad	Price Per Indiv. Bumpon			
						1	80	3000	6000
517-SJ-5008__	C	Tapered square	.12x.50	*	80	.13	.061	.034	.032
517-SJ-5018__	C	Tapered square	.23x.50	*	80	.22	.10	.057	.055
						1	40	3000	6000
517-SJ-6115BK	F	Top hat	.187x.625	Black	40	.36	.17	.094	.091
517-SJ-6125BK	G	Top hat	.25x.625	Black	40	.36	.17	.094	.091
						1	40	1000	5000
517-SJ-5027__	B	Hemisphere	.31x.63	*	40	.36	.17	.094	.091
517-SJ-5017__	H	Lg. hemisphere	.38x.75	*	40	.46	.22	.12	.11
						1	39	2000	4000
517-SJ-5077BK	I	Hexagon	.16x.65	Black	39	.26	.12	.067	.065
						1	40	2600	5200
517-SJ-5744BK	E	Cylindrical	.16x.75	Black	40	.40	.19	.10	.09
517-SJ-5744GY	E	Cylindrical	.16x.75	Gray	40	.40	.19	.10	.09
						1	36	1000	5000
517-SJ-5023__	J	Tapered square	.30x.81	*	36	.35	.16	.09	.087
						1	24	1000	5000
517-SJ-5514__	K	Sq. base cone	.52x.81	*	24	.83	.39	.21	.20
517-SJ-5009__	L	Cir. depressed	.40x.88	*	24	.61	.28	.16	.15
						1	100	500	1000
517-SJ-5705BK	M	Square	.24x1.25	Black	1	1.28	.60	.33	.32
517-SJ-5532__	N	Cir. depressed	.66x1.88	*	1	1.71	1.58	1.45	1.34

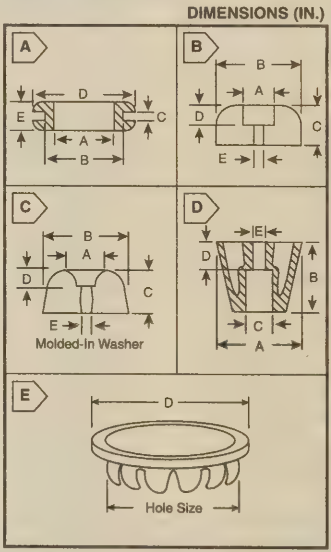
KEYSTONE BUMPERS, GROMMETS, AND HOLE PLUGS

Rubber Grommets

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)					Price Each		
		A	B	C	D	E	1	1000	2500
534-730	A	.125	.187	.062	.312	.187	.09	.07	.06
534-733	A	.125	.250	.062	.343	.187	.08	.06	.05
534-734	A	.125	.437	.062	.625	.187	.87	.61	.52
534-735	A	.125	.375	.093	.500	.312	.32	.22	.19
534-736	A	.187	.187	.062	.437	.218	.10	.07	.06
534-731	A	.187	.312	.062	.437	.218	.10	.07	.06
534-737	A	.187	.281	.093	.437	.218	.25	.17	.15
534-738	A	.250	.437	.062	.625	.187	.25	.17	.15
534-739	A	.250	.375	.062	.562	.250	.13	.09	.08
534-740	A	.250	.375	.093	.500	.250	.22	.15	.13
534-741	A	.312	.562	.062	.812	.312	.46	.32	.27
534-742	A	.312	.437	.062	.625	.281	.18	.12	.11
534-743	A	.312	.437	.093	.625	.312	.27	.19	.16
534-744	A	.375	.625	.062	.875	.312	.49	.34	.29
534-745	A	.375	.500	.062	.625	.250	.14	.10	.08
534-732	A	.437	.562	.062	.750	.250	.18	.12	.11
534-746	A	.437	.687	.062	.937	.312	.55	.38	.33
534-747	A	.500	.812	.062	1.062	.312	.55	.38	.33
534-748	A	.500	1.250	.062	1.500	.250	.69	.48	.41
534-749	A	.500	.750	.093	.968	.281	.37	.24	.20
534-750	A	.562	.812	.062	1.062	.312	.67	.47	.38
534-752	A	.625	.875	.062	1.125	.312	.38	.25	.21
534-753	A	.625	1.250	.062	1.500	.250	1.00	.70	.60
534-755	A	.750	1.062	.062	1.375	.375	1.02	.72	.61
534-756	A	.750	1.437	.062	1.812	.375	2.48	1.57	1.34
534-757	A	.875	1.250	.062	1.625	.437	1.56	1.09	.93

DIMENSIONS (IN.)



Bumpers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)					Price Each		
			A	B	C	D	E	1	100	1000
Rubber Bumpers										
534-720	B	4	.25	.50	.25	.187	.125	.23	.11	.06
534-721	B	4	.25	.625	.312	.187	.125	.36	.18	.09
534-722	B	4	.25	.718	.437	.218	.125	.73	.34	.18
534-723	C	8	.375	.937	.375	.187	.187	.70	.33	.17
Vinyl Bumpers										
534-724	D	6	.687	.250	.343	.125	.155	.34	.23	.17
534-725	D	8	.875	.312	.406	.125	.187	.62	.42	.31
534-726	D	10	1.062	.437	.468	.234	.200	.77	.52	.39
534-727	D	4	.562	.375	.218	.187	.115	.41	.27	.20
534-728	D	6	.750	.437	.265	.250	.148	.46	.31	.23
534-729	D	8	.937	.625	.359	.328	.174	.68	.46	.34

Metal Hole Plugs

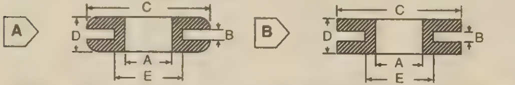
Plug chassis holes, wiring outlets, access holes,or unused openings.
Made of nickel-plated steel.

MOUSER STOCK NO.	Fig.	Hole Size (In.)	D (In.)	No. of Prongs	Price Each			
					1	100	500	1000
534-7600	E	1/4	13/32	6	.27	.24	.21	.14
534-7601	E	5/16	7/16	6	.27	.24	.21	.14
534-7602	E	3/8	1/2	6	.27	.24	.21	.14
534-7603	E	1/2	21/32	8	.30	.27	.23	.15
534-7604	E	5/8	13/16	8	.34	.31	.26	.17
534-7606	E	7/8	1 1/16	12	.38	.34	.29	.19
534-7607	E	1	1 9/64	12	.44	.40	.34	.22

RUBBER GROMMETS

Designed for insulating sharp edged holes to protect electrical cables and tubing.

DIMENSIONS (IN.)

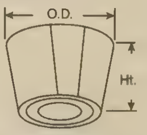


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)					Price Each		
		A	B	C	D	E	1	1000	2500
5167-208	A	9/32	1/16	9/16	1/4	3/8	.06	.04	.032
5167-211	A	3/16	1/16	7/16	1/4	5/16	.06	.03	.028
5167-159	B	1/4	1/16	5/8	3/8	7/16	.10	.06	.05
5167-210	A	3/8	1/16	5/8	1/4	1/2	.07	.04	.028

VINYL CABINET BUMPERS

DIMENSIONS (IN.)

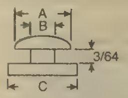


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	O.D.	Height	Screw Size	Price Each	
				1	100
5162-F4B	.562	.375	4	.23	.15
5162-F6B	.75	.437	6	.33	.22
5162-F8B	.937	.625	8	.45	.30

RUBBER BUMPERS

DIMENSIONS (IN.)



MOUSER STOCK NO.	Dimensions (In.)			Price Each			
	A	B	C	1	100	1000	10000
5167-202	5/16	1/4	7/16	.07	.029	.027	.026

NYLON STRAIN RELIEF BUSHINGS

One piece strain relief bushings securely anchor, absorb, and protect cables and wires from push/pull and twist forces and insulate them from irregular or sharp panel edges.

Black Nylon

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cable Cross Section	Cables Accommodated					Dia.	Dimensions (In.)				Price Each	
		Cable Type	Height		Width			Mounting Hole		Max Panel Thickness	Bushing Length		
			Min.	Max.	Min.	Max.		A	B	C	D	1	100
561-MP2M4	Round	AWN	- - -	- - -	- - -	- - -	.156	.375	.033	.062	.41	.08	.065
561-MP3P4	Flat	SP-1, SPT-2	.12	.12	.222	.222	- - -	.437	.39	.062	.41	.08	.048
561-MP4K1	Flat	SPT-2, HPN	.15	.16	.28	.40	- - -	.50	.46	.095	.495	.13	.069
561-MP4K4	Flat	SPT-1, SPT-2, HPN	.12	.12	.30	.30	- - -	.50	.465	.10	.406	.10	.057
561-MP4N4	Flat	SPT-1, SPT-2, HPN	.12	.12	.30	.30	- - -	.50	.465	.062	.406	.13	.069
561-MP5K4	Flat	SPT-2	.15	.15	.16	.16	- - -	.562	.53	.125	.609	.17	.099
561-MP30-1	Flat	SPT-2, SPT-1	.12	.16	.30	.41	- - -	.56	.73	.125	.67	.20	.113
561-MP5N4	Round	SV, SVT, HPD	- - -	- - -	- - -	- - -	.29	.50	.45	.062	.438	.10	.057
561-MP5P4	Round	SV, SVT, HPD	- - -	- - -	- - -	- - -	.29	.50	.45	.10	.438	.10	.051
561-MP6N34	Round	SJ, SJT	- - -	- - -	- - -	- - -	.43	.625	.55	.062	.58	.20	.114
561-MP6N4	Round	SJT, SJO	- - -	- - -	- - -	- - -	.30	.625	.55	.062	.58	.20	.114
561-MP6P34	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.36	.625	.55	.125	.58	.17	.082
561-MP6P4	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.30	.625	.55	.125	.58	.20	.101
561-MP6W1	Round	SJ, SJT, SJO	- - -	- - -	- - -	- - -	.30	.50	.465	.09	.437	.13	.061
561-MP7W20	Round	SJT, S, STO	- - -	- - -	- - -	- - -	.43	.875	.77	.125	.75	.32	.155

90° Angle Style

561-MP13L1	Flat	SP-1	.12	.12	.22	.22	- - -	.437	.39	.062	.05	.16	.091
561-MP14L1	Flat	"SPT-2, HPN"	.15	.16	.28	.30	- - -	.50	.45	.10	.687	.19	.107
561-MP15L1	Round	SV	- - -	- - -	- - -	- - -	.265	.50	.45	.10	.687	.19	.107

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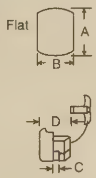
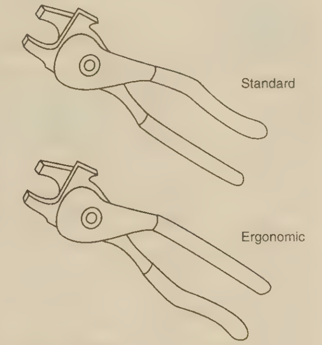


Note: All bushings can be used with a round mounting hole (dimension A). Holes shaped with flats prevent rotation of the bushing if cable is subject to twist.

STRAIN RELIEF INSTALLATION TOOLS

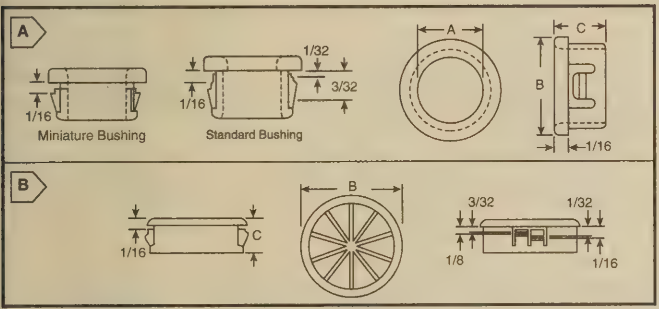


- Makes bushing installation a "breeze"
- Adjustable to all sizes

MOUSER STOCK NO.	Description	Price Each
561-M0022	Standard handles	47.01
561-M0023	Ergonomic handles	47.01

NYLON BUSHINGS

- UL 94V2
- Stock color black, other colors available on request, please ask for details



Miniature Insulating Bushings

Accomodates panels up to 1/6"
and requires only 1/8" clearance.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)					Price Each		
		A	B	C	Panel		1	100	1000
					Hole Dia.	Thick. (max.)			
561-MP1010	A	.125	.250	.234	.187	.062	.11	.050	.03
561-MP1015	A	.250	.375	.234	.312	.062	.11	.050	.03
561-MP1030	A	.375	.562	.250	.500	.062	.11	.050	.03
561-MP1050	A	.500	.703	.250	.625	.062	.13	.06	.04
561-MP1060	A	.625	.828	.250	.750	.062	.15	.07	.05
561-MP1080	A	.750	.937	.250	.875	.062	.16	.08	.05

Standard Insulating Bushings

Designed with multiple locks to positively snap
in panels ranging from 1/32" to 1/8".

For quantities greater than listed, call for quote.

561-MP2502	A	.125	.312	.312	.250	.062	.11	.05	.03
561-MP3753	A	.187	.468	.406	.375	.125	.11	.05	.03
561-MP3754	A	.250	.468	.406	.375	.125	.11	.05	.03
561-MP4374	A	.250	.531	.406	.437	.125	.12	.05	.04
561-MP4375	A	.312	.531	.406	.437	.125	.12	.05	.04
561-MP5004	A	.250	.578	.406	.500	.125	.13	.06	.04
561-MP5005	A	.312	.578	.406	.500	.125	.13	.06	.04
561-MP5006	A	.375	.578	.406	.500	.125	.13	.06	.04
561-MP6254	A	.250	.718	.406	.625	.125	.14	.06	.04
561-MP6257	A	.437	.718	.406	.625	.125	.14	.06	.04
561-MP6258	A	.500	.718	.406	.625	.125	.14	.06	.04
561-MP7506	A	.375	.843	.406	.750	.125	.19	.09	.06
561-MP7508	A	.500	.843	.406	.750	.125	.19	.09	.06
561-MP7510	A	.625	.843	.406	.750	.125	.19	.09	.06
561-MP8706	A	.375	.953	.453	.875	.125	.21	.10	.06
561-MP8707	A	.437	.953	.453	.875	.125	.21	.10	.06
561-MP8708	A	.500	.953	.453	.875	.125	.21	.10	.06
561-MP8710	A	.625	.953	.453	.875	.125	.21	.10	.06
561-MP10012	A	.750	1.125	.453	1.000	.125	.24	.11	.07
561-MP15018	A	1.125	1.609	.453	1.500	.125	.39	.18	.12
561-MP20026	A	1.625	2.125	.453	2.000	.125	.51	.23	.15

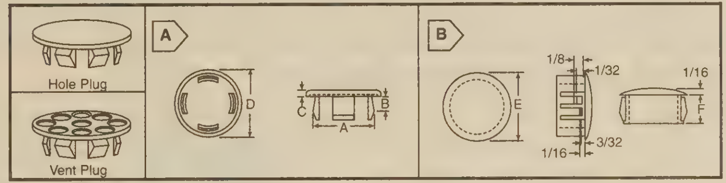
All-Fit Adjustable Bushings

Equipped with multiple locks to positively snap
in panel thicknesses ranging from 1/32" to 1/8".

For quantities greater than listed, call for quote.

561-AF625	B	.437	.718	.406	.625	.125	.14	.06	.04
561-AF750	B	.500	.859	.390	.750	.125	.18	.08	.05
561-AF875	B	.562	.937	.453	.875	.125	.20	.09	.06
561-AF1000	B	.750	1.062	.453	1.000	.125	.23	.11	.07

NYLON HOLE AND PLUG VENTS



Hole Plugs

- Nylon 6/6
- Stock color natural, other colors available with volume requirement

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Price Each	
		Hole Dia. A	Panel Thick. B	Head Height C	Head Size D	1	100
561-12BG09	A	.125	.031 / .094	.04	.203	.09	.06
561-15BG09	A	.150	.031 / .094	.04	.250	.09	.06
561-25BG06	A	.250	.031 / .062	.04	.422	.09	.06
561-31BG14	A	.312	.031 / .140	.05	.453	.09	.06
561-37BG31	A	.375	.031 / .140	.05	.578	.09	.06
561-43BG17	A	.437	.031 / .171	.05	.609	.09	.06
561-50BG14	A	.500	.031 / .140	.062	.672	.11	.08
561-56BG14	A	.562	.031 / .140	.062	.734	.11	.08
561-62BG07	A	.625	.031 / .072	.062	.797	.11	.08
561-75BG11	A	.750	.031 / .109	.062	.984	.17	.12
561-87BG11	A	.875	.031 / .109	.062	1.078	.17	.12
561-100BG11	A	1.000	.031 / .109	.062	1.219	.21	.15

Vent Plugs

For quantities greater than listed, call for quote.

561-87BM11	A	.875	.031 / .109	.062	1.078	.17	.12
561-100BM11	A	1.000	.031 / .109	.062	1.219	.17	.12

Locking Hole Plugs

- Heat Stabilized nylon (UL94V2)
- Stock color black, other colors available, with volume requirement

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Price Each	
		Hole Diameter	Maximum Thickness	E	F	1	100
561-M2603	B	.250	.062	.312	.312	.08	.042
561-M2617	B	.375	.125	.468	.406	.08	.042
561-M2643	B	.500	.125	.578	.406	.09	.053
561-M2663	B	.625	.125	.718	.406	.12	.058
561-M2683	B	.750	.125	.922	.406	.18	.087
561-M2703	B	.875	.125	1.016	.453	.20	.098
561-M2713	B	1.000	.125	1.203	.453	.18	.091

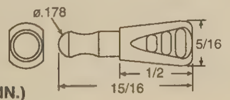
Locking Vent Plugs

For quantities greater than listed, call for quote.

561-M2708	B	.875	.125	1.016	.453	.16	.11
561-M2707	B	1.000	.125	1.203	.453	.16	.11

DUMMY PLUG

Dummy plugs are designed to electrically isolate unused bullet type "female" terminals in wiring harnesses, to prevent short circuits due to harness movement. Molded of tough electrically insulating black nylon, these plugs are easily inserted with normal hand pressure and removable for addition of electrical accessories.



DIMENSIONS (IN.)

For quantities greater than listed, call for quote.

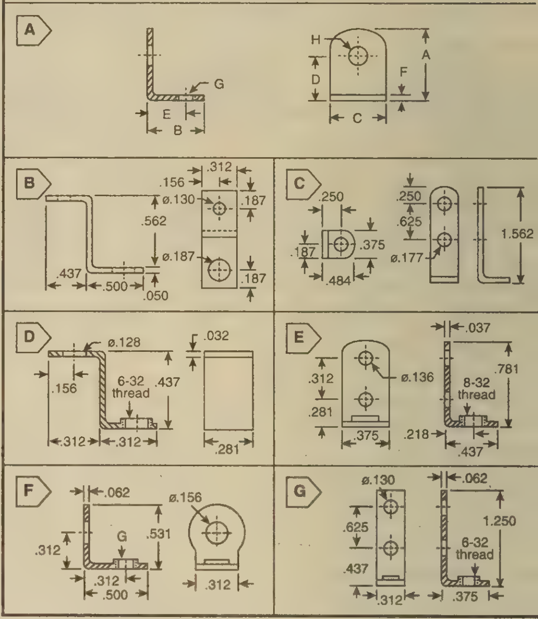
MOUSER STOCK NO.	Description	Price Each	
		1	100
561-DP413	Dummy plug	.17	.12

MOUNTING BRACKETS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)								Material	Plating	Price Each		
		A	B	C	D	E	F	G Dia.	H Dia.			1	100	500
Clear Hole Universal Brackets														
534-633	A	.375	.375	.281	.218	.218	.032	.140	.140	Brass	Nickel	.07	.06	.05
534-613	A	.390	.453	.375	.234	.299	.032	.128	.147	Brass	Nickel	.24	.18	.16
534-615	A	.420	.343	.281	.281	.203	.032	.125	.144	Brass	Tin	.09	.08	.07
534-4335	A	.562	.562	.500	.412	.411	.062	.120	.120	Steel	Nickel	.17	.14	.12
534-4336	A	.562	.562	.500	.412	.412	.062	.144	.144	Steel	Nickel	.17	.14	.12
534-618	A	.628	.628	.375	.378	.378	.050	.169	.169	Brass	Nickel	.32	.25	.23
534-619	A	.687	.687	.375	.500	.500	.032	.144	.144	Steel	Tin	.15	.12	.11
534-4326	A	1.013	.487	.312	.816	.332	.050	.140	.140	Steel	Nickel	.25	.19	.16
534-620	A	1.156	.656	.375	.906	.406	.032	.169	.169	Steel	Tin	.28	.22	.20
Clear Hole Board Brackets														
534-4325	B	—	—	—	—	—	—	—	—	Steel	Nickel	.29	.22	.20
534-1564	C	—	—	—	—	—	—	—	—	Steel	Nickel	.30	.23	.19
Threaded Brackets														
534-612	A	.343	.375	.250	.203	.250	.062	4-40	.130	Steel	Zinc	.14	.11	.10
534-621	A	.343	.375	.250	.203	.250	.062	4-40	4-40	Steel	Zinc	.17	.14	.12
534-616	A	.453	.312	.250	.265	.187	.047	4-40	.136	Brass	Tin	.34	.26	.22
534-630	D	—	—	—	—	—	—	—	—	Brass	Tin	.72	.54	.49
534-631	E	—	—	—	—	—	—	—	—	Steel	Tin	.31	.25	.21
534-634	A	.375	.375	.281	.218	.218	.032	6-32	.140	Brass	Nickel	.22	.17	.15
534-614	A	.420	.343	.312	.250	.197	.032	6-32	.144	Brass	Tin	.18	.15	.12
534-4334	A	.562	.562	.500	.412	.412	.062	6-32	6-32	Steel	Nickel	.45	.36	.32
534-4332	F	—	—	—	—	—	—	6-32	—	Brass	Nickel	.54	.47	.40
534-4333	F	—	—	—	—	—	—	8-32	—	Brass	Nickel	.54	.47	.40
534-617	A	.578	.500	.500	.328	.299	.062	6-32	.165	Steel	Tin	.33	.25	.22
534-611	A	.375	.422	.312	.234	.250	.037	8-32	.135	Brass	Tin	.36	.28	.24
534-708	G	—	—	—	—	—	—	—	—	Steel	Nickel	.51	.45	.38

DIMENSIONS (IN.)

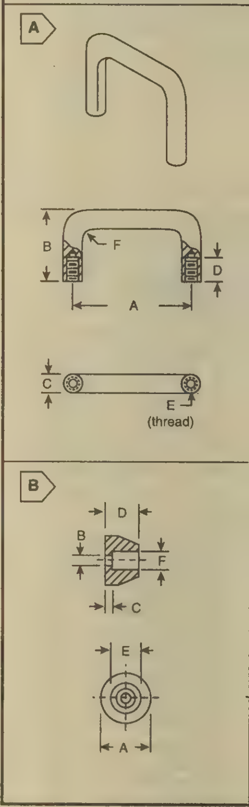


ROUND INSTRUMENTATION HANDLES

For quantities greater than listed, call for quote.

Fig.	Dimensions (In.)						Nickel Plated Brass					Aluminum Black Anodize				
	A	B	C Dia.	D	E	F	MOUSER STOCK NO.	Price Each 1	10	100	500	MOUSER STOCK NO.	Price Each 1	10	100	500
A	1.250	1.000	.156	.375	4-40	.156	534-7140	2.31	2.24	2.17	1.86	534-7170	1.91	1.85	1.78	1.52
A	2.000	1.000	.156	.375	4-40	.156	534-7141	2.45	2.36	2.27	1.94	534-7171	2.11	2.04	1.96	1.68
A	3.000	1.000	.156	.375	4-40	.156	534-7142	2.51	2.41	2.31	1.98	534-7172	2.14	2.06	1.98	1.71
A	1.250	.625	.187	.156	4-40	.187	534-9100	2.31	2.24	2.17	1.86	534-9110	1.91	1.85	1.78	1.52
A	1.500	.625	.187	.156	4-40	.187	534-9101	2.31	2.24	2.17	1.86	534-9111	1.91	1.85	1.78	1.52
A	1.500	.750	.187	.250	4-40	.187	534-9104	2.54	2.47	2.39	2.05	534-9114	2.10	2.03	1.96	1.67
A	1.750	.625	.187	.156	4-40	.187	534-9102	2.33	2.24	2.15	1.85	534-9112	2.01	1.94	1.86	1.60
A	1.750	.750	.187	.250	4-40	.187	534-9105	2.45	2.36	2.27	1.94	534-9115	2.11	2.04	1.96	1.68
A	2.000	.625	.187	.156	4-40	.187	534-9103	2.45	2.36	2.27	1.94	534-9113	2.11	2.04	1.96	1.68
A	1.250	1.000	.187	.250	6-32	.187	534-9106	2.54	2.47	2.39	2.05	534-9116	2.10	2.03	1.96	1.67
A	1.500	1.000	.187	.250	6-32	.187	534-9107	2.77	2.69	2.61	2.24	534-9117	2.30	2.22	2.13	1.82
A	2.000	1.000	.187	.250	6-32	.187	534-9108	2.70	2.60	2.50	2.14	534-9118	2.32	2.24	2.15	1.85
A	3.000	1.000	.187	.250	6-32	.187	534-9109	2.76	2.65	2.54	2.17	534-9119	2.36	2.27	2.17	1.87
A	3.000	1.500	.250	.562	8-32	.250	534-7143	2.86	2.75	2.64	2.25	534-7173	2.45	2.36	2.27	1.94
A	3.000	1.750	.250	.562	8-32	.250	534-485	2.86	2.75	2.64	2.25	534-515	2.45	2.36	2.27	1.94
A	3.500	1.500	.250	.562	8-32	.250	534-480	3.45	3.32	3.19	2.74	534-510	2.53	2.44	2.34	2.01
A	4.000	1.500	.250	.562	8-32	.250	534-7144	2.97	2.86	2.74	2.36	534-7174	2.66	2.56	2.45	2.11
A	4.000	1.750	.250	.562	8-32	.250	534-486	2.97	2.86	2.74	2.36	534-516	2.66	2.56	2.45	2.11
A	4.500	1.500	.250	.562	8-32	.250	534-481	3.05	2.93	2.81	2.43	534-511	2.74	2.63	2.52	2.18
A	4.500	1.750	.250	.562	8-32	.250	534-487	3.05	2.93	2.81	2.43	534-517	2.74	2.63	2.52	2.18
A	5.000	1.500	.250	.562	8-32	.250	534-482	3.13	3.01	2.89	2.51	534-512	2.81	2.72	2.63	2.26
A	5.000	1.750	.250	.562	8-32	.250	534-488	3.13	3.01	2.89	2.51	534-518	2.81	2.72	2.63	2.26
A	5.500	1.500	.250	.562	8-32	.250	534-483	3.19	3.07	2.96	2.58	534-513	2.90	2.80	2.69	2.33
A	6.000	1.500	.250	.562	8-32	.250	534-484	3.27	3.15	3.03	2.64	534-514	2.97	2.88	2.78	2.40
A	6.000	1.750	.250	.562	8-32	.250	534-489	3.27	3.15	3.03	2.64	534-519	2.97	2.88	2.78	2.40
A	3.000	1.500	.312	.562	10-32	.312	534-7145	3.18	3.06	2.94	2.52	534-7175	2.94	2.82	2.69	2.32
A	4.000	1.500	.312	.562	10-32	.312	534-7146	3.36	3.23	3.10	2.66	534-7176	3.08	2.95	2.82	2.42
A	4.000	1.750	.312	.562	10-32	.312	534-493	3.36	3.23	3.10	2.66	534-523	3.08	2.95	2.82	2.42
A	4.500	1.500	.312	.562	10-32	.312	534-490	3.45	3.32	3.19	2.74	534-520	3.16	3.04	2.91	2.51
A	4.500	1.750	.312	.562	10-32	.312	534-494	3.45	3.32	3.19	2.74	534-524	3.16	3.04	2.91	2.51
A	4.562	1.500	.312	.562	10-32	.312	534-7147	3.44	3.30	3.16	2.71	534-7177	3.12	3.01	2.90	2.50
A	5.000	1.500	.312	.562	10-32	.312	534-491	3.53	3.39	3.24	2.81	534-521	3.23	3.11	2.98	2.58
A	5.000	1.750	.312	.562	10-32	.312	534-495	3.53	3.39	3.24	2.81	534-525	3.23	3.11	2.98	2.58
A	5.500	1.500	.312	.562	10-32	.312	534-492	3.60	3.47	3.33	2.88	534-522	3.31	3.18	3.05	2.64
A	6.000	1.500	.312	.562	10-32	.312	534-7148	3.82	3.66	3.50	3.01	534-7178	3.22	3.09	2.96	2.55
A	6.000	1.750	.312	.562	10-32	.312	534-496	3.82	3.66	3.50	3.01	534-526	3.28	3.15	3.02	2.60
A	6.437	1.750	.312	.562	10-32	.312	534-7149	3.94	3.78	3.61	3.12	534-7179	3.30	3.17	3.03	2.61
A	4.000	1.375	.375	.375	10-32	.375	534-7150	3.70	3.56	3.41	2.93	534-7180	2.95	2.83	2.71	2.33
A	6.000	1.375	.375	.375	10-32	.375	534-7151	3.82	3.66	3.50	3.01	534-7181	3.28	3.15	3.02	2.60

DIMENSIONS (IN.)



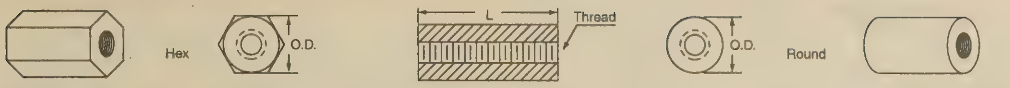
FERRULES FOR ROUND HANDLES

For quantities greater than listed, call for quote.

Fig.	Dimensions (In.)							Nickel Plated Brass					Aluminum Black Anodize				
	For Diameter Thread	A	B	C Dia.	D	E	F	MOUSER STOCK NO.	Price Each 1	10	100	500	MOUSER STOCK NO.	Price Each 1	10	100	500
B	.156 / 4-40	.250	.120	.047	.125	.200	.161	534-7162	.64	.48	.41	.30	534-7192	.97	.68	.58	.35
B	.187 / 4-40	.312	.120	.062	.125	.265	.203	534-9120	.77	.54	.46	.28	534-9122	1.11	.78	.67	.40
B	.187 / 6-32	.312	.144	.062	.125	.265	.203	534-9121	.77	.54	.46	.28	534-9123	1.11	.78	.67	.40
B	.250 / 8-32	.375	.170	.062	.187	.320	.260	534-7163	.77	.54	.46	.28	534-7193	1.11	.78	.67	.40
B	.312 / 10-32	.562	.196	.062	.250	.406	.320	534-7164	1.11	.78	.67	.40	534-7194	1.14	.80	.68	.41

KEYSTONE ELECTRONICS CORP. Hardware

HEX AND ROUND STANDOFFS



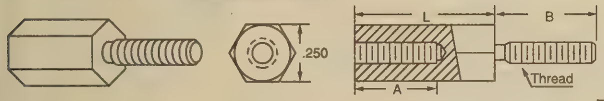
For quantities greater than listed, call for quote.

Length "L" (In.)	Aluminum Clear Iridite				Brass Zinc Plate			
	Hex	Round	Price Each		Hex	Round	Price Each	
	MOUSER STOCK NO.	MOUSER STOCK NO.	1	100	MOUSER STOCK NO.	MOUSER STOCK NO.	1	100
2-56 Thread (.156 O.D.)								
.187	534-1797A	534-1801A	.38	.29	534-1798A	534-1802A	.51	.29
.250	534-1797B	534-1801B	.38	.29	534-1798B	534-1802B	.52	.31
.312	534-1797C	534-1801C	.40	.32	534-1798C	534-1802C	.54	.32
.375	534-1797D	534-1801D	.40	.32	534-1798D	534-1802D	.54	.32
4-40 Thread (.187 O.D.)								
.250	534-1891	534-2025	.21	.13	534-1450	534-1547	.21	.13
.375	534-1892	534-2026	.22	.16	534-1803	534-1864	.25	.17
.500	534-1893	534-2027	.24	.17	534-1656	534-1657	.30	.20
.625	534-1894	534-2028	.29	.19	534-1804	534-1865	.35	.24
.750	534-1895	534-2029	.32	.22	534-1656A	534-1657A	.39	.25
.875	534-1896	534-2030	.35	.24	534-1805	534-1866	.49	.32
1.000	534-1897	534-2031	.38	.34	534-1656B	534-1657B	.48	.32
4-40 Thread (.250 O.D.)								
.250	534-2201	534-3478	.17	.12	534-1450A	534-1547A	.23	.15
.375	534-2202	534-3479	.19	.14	534-1450B	534-1547B	.26	.16
.500	534-2203	534-3480	.22	.15	534-1450C	534-1547C	.32	.20
.625	534-1808	534-1839	.28	.18	534-1829	534-1867	.37	.27
.750	534-2204	534-3481	.32	.20	534-1450D	534-1547D	.44	.32
.875	534-1809	534-1846	.37	.27	534-1830	534-1876	.49	.33
1.000	534-2205	534-3482	.44	.30	534-1450E	534-1547E	.51	.34
1.500	534-2206	534-3483	.59	.51	534-1831	534-1877	.94	.81
2.000	534-2207	534-3484	.68	.59	534-1832	534-1878	.96	.83
6-32 Thread (.250 O.D.)								
.250	534-2208	534-3485	.17	.12	534-1451A	534-1548A	.18	.12
.375	534-2209	534-3486	.19	.14	534-1451B	534-1548B	.23	.15
.500	534-2210	534-3487	.22	.15	534-1451C	534-1548C	.29	.19
6-32 Thread (.250 O.D.) (cont.)								
.625	534-1813	534-1847	.28	.18	534-1451D	534-1548D	.36	.26
.750	534-2211	534-3488	.32	.20	534-1451E	534-1548E	.46	.31
.875	534-1816	534-1848	.37	.27	534-1833	534-1879	.48	.32
1.000	534-2212	534-3489	.44	.30	534-1635	534-1548F	.47	.31
1.250	534-1818	534-1853	.52	.46	534-1636	534-1881	.64	.56
1.500	534-2213	534-3490	.59	.51	534-1637	534-1882	.74	.66
1.750	534-1819	534-1855	.62	.54	534-1638	534-1883	.92	.82
2.000	534-2214	534-3491	.68	.59	534-1639	534-1884	.92	.82
2.250	534-1820	534-1856	.76	.66	534-1642	534-1885	.97	.85
2.500	534-1825	534-1857	.83	.72	534-1643	-------	----	----
8-32 Thread (.250 O.D.)								
.250	534-2215	534-3492	.17	.12	534-1474A	534-1692A	.26	.16
.375	534-2216	534-3493	.19	.14	534-1474B	534-1692B	.27	.16
.500	534-2217	534-3494	.22	.15	534-1474C	534-1692C	.34	.21
.625	534-1827	-------	.28	.18	534-1834	534-1887	.37	.27
.750	534-2218	534-3495	.32	.20	534-1474D	534-1692D	.48	.32
.875	534-1828	534-1859	.37	.27	534-1836	534-1888	.49	.33
1.000	534-2219	534-3496	.44	.30	534-1474E	534-1692E	.48	.32
1.500	534-2220	534-3497	.59	.46	534-1837	534-1889	.94	.81
2.000	534-2221	534-3498	.68	.51	534-1838	534-1899	.98	.86
8-32 Thread (.375 O.D.)								
.375	534-1926A	534-2315A	.37	.27	534-1452A	534-1549A	.50	.35
.500	534-1926B	534-2315B	.51	.28	534-1452B	534-1549B	.51	.45
.625	534-1926C	534-2315C	.55	.37	534-1452C	534-1549C	.64	.56
.750	534-1926D	534-2315D	.59	.43	534-1452D	534-1549D	.69	.62
1.000	534-1926E	534-2315E	.70	.52	534-1452E	534-1549E	.87	.76

For quantities greater than listed, call for quote.

HEX MALE/FEMALE THREADED STANDOFFS

DIMENSIONS (IN.)



Thread Size	A (In.) Internal	B (In.) External
4-40	.250	.187
6-32	.375	.250
8-32	.375	.375

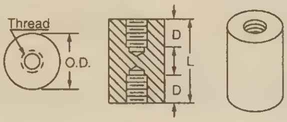
For quantities greater than listed, call for quote.

Length "L" (In.)	Stainless Steel			Brass Nickel Plate			Aluminum Clear Iridite		
	MOUSER STOCK NO.	Price Each		MOUSER STOCK NO.	Price Each		MOUSER STOCK NO.	Price Each	
		1	100		1	100		1	100
4-40 Thread									
.250	534-8712	1.31	1.19	534-8713	.35	.22	534-8714	.31	.19
.375	534-2087	1.36	1.25	534-7200	.37	.24	534-8400	.34	.21
.500	534-2088	1.42	1.30	534-1944	.48	.39	534-8401	.41	.30
.625	534-2089	1.47	1.36	534-1945	.50	.40	534-8402	.46	.32
.750	534-2090	1.53	1.41	534-1946	.53	.47	534-8403	.47	.33
.875	534-2091	1.59	1.47	534-7201	.55	.39	534-8404	.50	.36
1.000	534-2092	1.65	1.52	534-1947	.58	.45	534-8405	.52	.38
1.125	534-2093	1.72	1.49	534-7202	.63	.47	534-8406	.58	.45
1.250	534-2094	1.80	1.54	534-1948	.85	.68	534-8407	.63	.47
1.375	534-2095	1.86	1.60	534-1949	.86	.70	534-8408	.72	.56
1.500	534-2096	1.88	1.63	534-1950	.88	.73	534-8409	.73	.57
1.625	534-2097	1.90	1.65	534-7203	.89	.74	534-8410	.74	.59
1.750	534-2098	1.93	1.68	534-7205	1.00	.82	534-8411	.77	.60
2.000	534-2099	2.00	1.74	534-1951	1.10	.83	534-8412	.82	.62
6-32 Thread									
.250	534-8715	1.14	.95	534-8716	.34	.21	534-8717	.34	.21
.375	534-2119	1.16	.97	534-7210	.38	.25	534-8413	.36	.22
.500	534-2120	1.24	1.04	534-1952	.39	.28	534-8414	.37	.23
.625	534-2121	1.29	1.09	534-1953	.49	.35	534-8415	.40	.29
.750	534-2122	1.38	1.26	534-1954	.51	.37	534-8416	.40	.29
.875	534-2123	1.42	1.30	534-7211	.58	.42	534-8417	.45	.31
1.000	534-2124	1.43	1.31	534-1644	.60	.44	534-8418	.47	.33
1.125	534-2125	1.75	1.61	534-7212	.61	.47	534-8419	.48	.34
1.250	534-2126	1.85	1.73	534-1955	.70	.55	534-8420	.51	.36
1.375	534-2127	1.81	1.62	534-1956	.75	.60	534-8421	.55	.41
1.500	534-2128	1.89	1.64	534-1645	.79	.61	534-8422	.59	.47
1.625	534-2129	1.90	1.64	534-7214	.89	.74	534-8423	.60	.48
1.750	534-2130	1.94	1.69	534-7215	1.00	.82	534-8424	.66	.51
2.000	534-2131	2.01	1.76	534-1646	1.10	.83	534-8425	.71	.52
8-32 Thread									
.375	534-2149	1.60	1.38	534-7220	.36	.29	534-8426	.39	.30
.500	534-2150	1.63	1.40	534-1957	.39	.30	534-8427	.41	.30
.625	534-2151	1.66	1.43	534-1958	.55	.41	534-8428	.46	.32
.750	534-2152	1.76	1.52	534-1959	.57	.44	534-8429	.47	.35
.875	534-2153	1.87	1.63	534-7221	.59	.48	534-8430	.48	.39
1.000	534-2154	1.91	1.66	534-1960	.62	.50	534-8431	.56	.41
1.125	534-2155	2.70	2.34	534-7222	.64	.54	534-8432	.71	.56
1.250	534-2156	2.80	2.42	534-1961	.76	.68	534-8433	.75	.58
1.375	534-2157	2.85	2.48	534-1962	.86	.70	534-8434	.78	.62
1.500	534-2158	2.90	2.52	534-1963	.88	.73	534-8435	.81	.63
1.625	534-2159	2.95	2.55	534-7224	.89	.74	534-8436	.83	.64
1.750	534-2160	2.99	2.59	534-7225	1.00	.82	534-8437	.85	.64
2.000	534-2161	3.15	2.68	534-1964	1.10	.83	534-8438	.87	.65

THREADED CERAMIC STANDOFFS

Features:

- Grade L5 Ceramic
- Ideal for very high temperature conditions
- Exceptional strength in compression and tension
- Withstands very high voltage without flashover



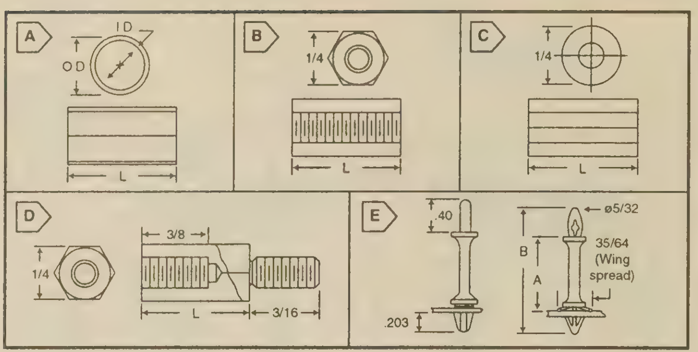
Commercial

MOUSER STOCK NO.	Thread Size	Dimensions (In.)			Price Each		
		L	O.D.	D	1	100	500
534-7710	6-32	.250	.250	Thru	1.18	1.09	.92
534-7711	6-32	.500	.250	.156	1.32	1.22	1.10
534-7712	6-32	.375	.375	.156	1.11	1.03	.87
534-7713	6-32	.500	.375	.187	1.14	1.06	.91
534-7714	6-32	.500	.500	.140	1.25	1.16	1.00
534-7715	6-32	.750	.500	.250	1.32	1.22	1.05
534-7716	6-32	1.000	.500	.375	1.39	1.29	1.08
534-7717	6-32	1.500	.500	.582	1.66	1.54	1.14
534-7718	6-32	2.500	.500	.500	2.11	1.96	1.72
534-7719	1/4-20	2.500	.750	.750	3.01	2.80	2.52
534-7720	1/4-20	4.000	.750	.750	3.64	3.37	3.00

Military

- Military types meet MIL-1-010

MOUSER STOCK NO.	Thread Size	Dimensions (In.)			NL #	Price Each	
		L	O.D.	D		1	100
534-7661	6-32	.500	.375	.156	NL523W01-004	1.32	1.22
534-7662	6-32	.625	.375	.250	NL523W01-005	1.35	1.25
534-7663	8-32	.625	.500	.187	NL523W02-005	1.45	1.35
534-7664	6-32	.750	.375	.250	NL523W01-006	1.45	1.35
534-7665	8-32	.750	.500	.250	NL523W02-006	1.49	1.38
534-7666	6-32	1.000	.375	.375	NL523W01-008	1.49	1.38
534-7667	8-32	1.000	.500	.375	NL523W02-008	1.56	1.45
534-7668	10-32	1.000	.750	.375	NL523W03-008	2.46	2.28
534-7669	6-32	1.250	.375	.375	NL523W01-010	1.56	1.45
534-7670	8-32	1.250	.500	.375	NL523W02-010	1.63	1.51
534-7671	1/4-20	1.250	1.000	.437	NL523W04-010	3.60	3.34
534-7672	6-32	1.500	.375	.375	NL523W01-012	1.70	1.57
534-7673	8-32	1.500	.500	.375	NL523W02-012	1.84	1.70
534-7674	10-32	1.500	.750	.375	NL523W03-012	2.74	2.54
534-7675	1/4-20	1.500	1.000	.500	NL523W04-012	4.02	3.73
534-7676	6-32	2.000	.375	.375	NL523W01-016	1.87	1.74
534-7677	8-32	2.000	.500	.375	NL523W02-016	2.00	1.86
534-7678	10-32	2.000	.750	.375	NL523W03-016	3.01	2.80



ALUMINUM SPACERS

- Precision rolled
- Tight joint on outside diameter
- Square ends
- No burrs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Screw Size	I.D. ±.005	O.D. ±.007	Price Each			
						1	100	500	1000
534-397	A	3/16	4	.125	.167	.11	.054	.045	.027
534-398	A	1/4	4	.125	.167	.11	.054	.045	.027
534-399	A	5/16	4	.125	.167	.11	.055	.046	.028
534-400	A	3/8	4	.125	.167	.11	.055	.046	.028
534-402	A	1/2	4	.125	.167	.11	.057	.049	.029
534-403	A	5/8	4	.125	.167	.13	.065	.055	.033
534-418	A	3/4	4	.125	.167	.13	.066	.057	.034
534-420	A	1	4	.125	.167	.14	.072	.062	.037
534-405	A	1/4	6	.151	.193	.11	.055	.045	.027
534-406	A	5/16	6	.151	.193	.11	.055	.047	.028
534-407	A	3/8	6	.151	.193	.11	.056	.048	.029
534-409	A	1/2	6	.151	.193	.12	.058	.050	.030
534-425	A	3/4	6	.151	.193	.13	.067	.058	.036
534-427	A	1	6	.151	.193	.14	.068	.058	.035
534-412	A	1/4	8	.178	.232	.17	.084	.073	.043
534-414	A	3/8	8	.178	.232	.18	.090	.076	.045
534-416	A	1/2	8	.178	.232	.19	.093	.080	.048
534-417	A	5/8	8	.178	.232	.20	.099	.086	.051
534-432	A	3/4	8	.178	.232	.21	.104	.091	.054
534-434	A	1	8	.178	.232	.25	.12	.10	.062

BRASS SPACERS

Round

- 1/4" O.D. round unthreaded
- Drilled for clearance of screw sizes shown in table
- Nickel plated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Screw Size	I.D.	O.D.	Price Each			
						1	100	500	1000
534-1454A	C	1/4	4	.120	.250	.35	.17	.15	.088
534-1454C	C	1/2	4	.120	.250	.44	.22	.19	.11
534-1457A	C	1/4	6	.140	.250	.35	.17	.15	.088
534-1457B	C	3/8	6	.140	.250	.37	.19	.16	.094
534-1457C	C	1/2	6	.140	.250	.44	.22	.19	.11
534-1480	C	1/4	8	.171	.250	.35	.17	.15	.088
534-1481	C	3/8	8	.171	.250	.37	.19	.16	.094

Hex Threaded

- Zinc plated

For quantities greater than listed, call for quote.

534-1450A	B	1/4	4-40	.125	.250	.23	.15	.14	.10
534-1450B	B	3/8	4-40	.125	.250	.26	.16	.15	.12
534-1450C	B	1/2	4-40	.125	.250	.32	.20	.19	.15
534-1829	B	5/8	4-40	.125	.250	.37	.27	.26	.17
534-1451A	B	1/4	6-32	.151	.250	.18	.12	.11	.09
534-1451B	B	3/8	6-32	.151	.250	.23	.15	.13	.10
534-1451C	B	1/2	6-32	.151	.250	.29	.19	.17	.13
534-1451D	B	5/8	6-32	.151	.250	.36	.26	.23	.18
534-1451E	B	3/4	6-32	.151	.250	.46	.31	.27	.18
534-1635	B	1	6-32	.151	.250	.47	.31	.28	.21
534-1474A	B	1/4	8-32	.178	.250	.26	.16	.15	.12
534-1474B	B	3/8	8-32	.178	.250	.27	.16	.15	.13
534-1474C	B	1/2	8-32	.178	250	.34	.21	.20	.17
534-1834	B	5/8	8-32	.178	.250	.37	.27	.26	.18
534-1474D	B	3/4	8-32	.178	.250	.48	.32	.29	.23
534-1474E	B	1	8-32	.178	.250	.48	.32	.29	.23

Hex Male/Female Threaded

- Can be used as grounded PCB mounts
- Nickel plated

For quantities greater than listed, call for quote.

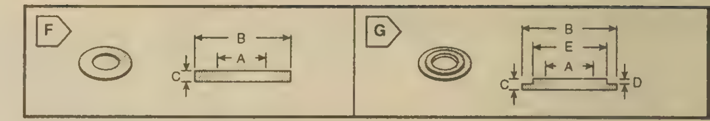
534-1944	D	1/2	4-40	.125	.250	.48	.39	.27	.16
534-1945	D	5/8	4-40	.125	.250	.50	.40	.28	.17
534-1946	D	3/4	4-40	.125	.250	.53	.47	.33	.20
534-1947	D	1	4-40	.125	.250	.58	.53	.37	.23

NYLON SPACER SUPPORTS

- Fire retardant nylon
- Flexible
- For 1/16" PCB thickness
- Max. chassis thickness: .07"
- Easy PCB mounting

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Price Each			
		A	B	1	100	500	1000
534-1927A	E	.250	.937	.13	.067	.055	.033
534-1928A	E	.375	1.062	.13	.067	.058	.035
534-1929A	E	.500	1.187	.14	.071	.062	.038
534-1930A	E	.625	1.312	.16	.079	.066	.039



FIBER WASHERS

Material: Commercial grade fiber per ASTM D710.

Flat Washers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)			Price Each			
			A	B	C	1	100	1000	5000
534-3368	F	4	.120	.250	.0625	.05	.024	.011	.010
534-3201	F	6	.140	.375	.0625	.06	.028	.013	.012
534-3372	F	8	.171	.375	.0625	.05	.024	.013	.011
534-3208	F	10	.196	.375	.0625	.05	.024	.013	.011
534-3373	F	1/4	.260	.500	.0625	.06	.028	.016	.014
534-3222	F	3/8	.385	.625	.0625	.06	.028	.019	.017

Shoulder Washers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)					Price Each			
			A	B	C	D	E	1	100	1000	5000
534-3062	G	4	.115	.250	.062	.031	.187	.13	.064	.024	.022
534-4698	G	6	.140	.250	.093	.031	.187	.07	.048	.034	.025
534-3233	G	6	.140	.375	.093	.031	.240	.13	.063	.042	.038
534-3065	G	8	.170	.375	.093	.031	.246	.10	.051	.027	.024
534-4702	G	10	.194	.375	.093	.031	.308	.08	.040	.028	.025
534-4711	G	1/4	.253	.500	.093	.031	.308	.08	.038	.030	.027
534-3069	G	3/8	.385	.625	.093	.031	.498	.13	.063	.040	.036

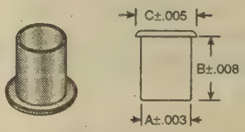
NYLON WASHER

For quantities greater than listed, call for quote.

534-3049	G	4	.115	.218	.071	.031	.135	.10	.05	.039	.29

WIDE ROLL EYELETS

Highest engineering standards maintained to produce these eyelets to uniform dimensions. Guaranteed to be within listed tolerances. A choice of most popular sizes in general use for electronic circuitry.



Features:

- Material: brass
- Precision made
- Plating: bright electro tin, Mil-F-14072
- Solderability retained indefinitely

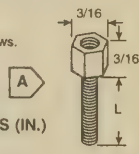
MOUSER STOCK NO.	Hole Size of Material to be Eyeleted	Dimensions (In.)				Price Each			
		A		B	C	1	100	500	1000
		I.D.	O.D.						
534-22	1/16	.045	.059	.062	.105	.05	.026	.024	.013
534-23	1/16	.045	.059	.093	.105	.06	.028	.026	.015
534-24	1/16	.045	.059	.125	.105	.06	.029	.026	.015
534-25	1/16	.045	.059	.156	.105	.07	.034	.030	.017
534-26	1/16	.045	.059	.187	.105	.07	.035	.032	.018
534-27	1/16	.045	.059	.219	.105	.08	.041	.037	.021
534-33	3/32	.070	.089	.093	.150	.06	.028	.025	.014
534-34	3/32	.070	.089	.125	.150	.06	.028	.026	.015
534-35	3/32	.070	.089	.156	.150	.06	.029	.026	.015
534-36	3/32	.070	.089	.187	.150	.06	.030	.027	.015
534-37	3/32	.070	.089	.219	.150	.06	.032	.029	.016
534-43	1/8	.102	.121	.093	.200	.06	.031	.028	.016
534-44	1/8	.102	.121	.125	.200	.06	.032	.029	.016
534-45	1/8	.102	.121	.156	.200	.07	.034	.031	.017
534-46	1/8	.102	.121	.187	.200	.07	.035	.031	.017
534-47	1/8	.102	.121	.219	.200	.07	.037	.035	.019
534-48	1/8	.102	.121	.250	.200	.07	.037	.035	.019

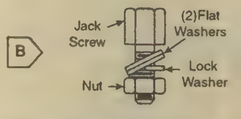
JACK SCREWS

Equivalent to Amp, Cannon, and TRW jack screws.

- Meets MIL-C-24308/26
- Material: steel and zinc plate

DIMENSIONS (IN.)





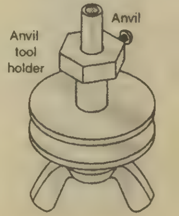
* Jack Screw with Hardware

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Length (In.)	Price Each			
				1	10	100	500
534-7230	A	Gold iridite	.312	.24	.20	.19	.17
534-7230-5	A	Clear chromate	.312	.24	.20	.19	.17
* 534-7231	B	Gold iridite	.312	.36	.33	.30	.27
* 534-7231-5	B	Clear chromate	.312	.36	.33	.30	.27
534-7232	A	Gold iridite	.625	.42	.40	.38	.36
534-7232-5	A	Clear chromate	.625	.42	.40	.38	.36
* 534-7233	B	Gold iridite	.625	.79	.71	.64	.58
* 534-7233-5	B	Clear chromate	.625	.79	.71	.64	.58

"BASIC" STAKING TOOL KIT

For single end terminals, eyelets, or rivets



Each Kit Contains:

- (2) 1/4" staking tools (for shank diameters of .062" to .098" & .110" to .125" respectively)
- (2) bottom anvils
- (1) toolholder
- (1) instructions

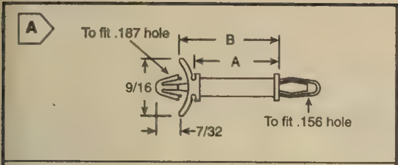
MOUSER STOCK NO.	Price Each	
	1	5
534-1721	20.71	18.63

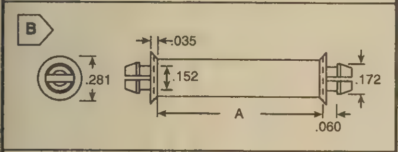
Features:

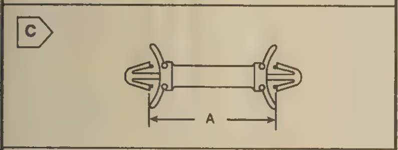
- Build terminal boards
- Mount components quickly
- Repair circuits
- Make prototypes at your desk

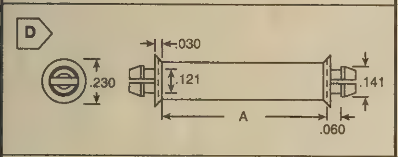
EAGLE Nylon PCB Hardware

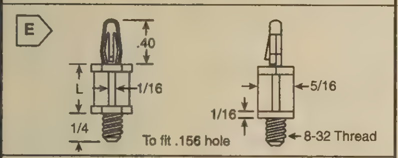
DIMENSIONS (IN.)

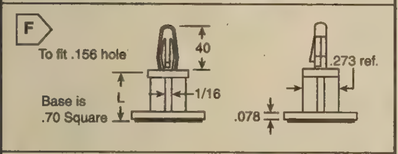


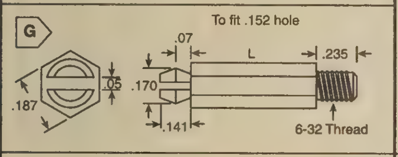


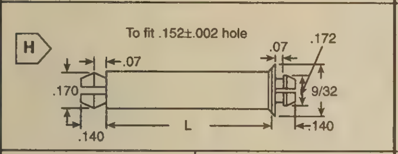


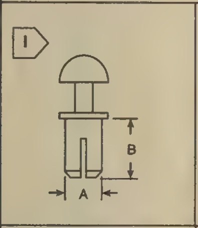


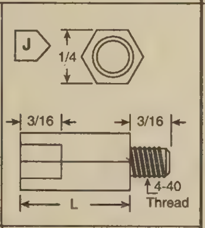


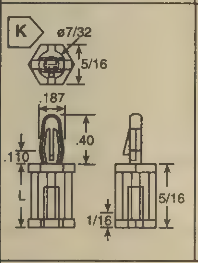


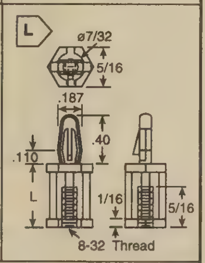


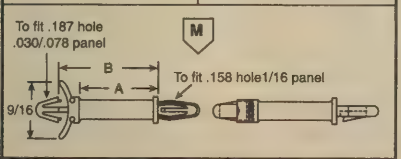












PCB SUPPORTS

"Lock/Tension" Series

Designed to lock to bottom chassis and snap into a 1/16" thick panel.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Price Each			
		A	B	1	100	500	1000
561-LT187	A	.187	.307	.08	.06	.05	.04
561-LT250	A	.250	.365	.10	.07	.06	.05
561-LT375	A	.375	.495	.10	.07	.06	.05
561-LT500	A	.500	.625	.10	.07	.06	.05
561-LT625	A	.625	.745	.14	.10	.08	.06

"DSP" and "DMSP" Series

- DSP: both ends fit a .156" hole
- DPL: both ends fit a .187" hole
- DMSP: both ends fit a .125" hole

561-DLP250	C	.250	- - -	.22	.17	.14	.11
561-DLP375	C	.375	- - -	.22	.17	.14	.11
561-DLP500	C	.500	- - -	.22	.17	.14	.11
561-DLP750	C	.750	- - -	.22	.17	.14	.11
561-DLP1000	C	1.000	- - -	.22	.17	.14	.11
561-DSP125	B	.125	- - -	.15	.09	.08	.07
561-DSP250	B	.250	- - -	.15	.09	.08	.07
561-DSP375	B	.375	- - -	.22	.17	.14	.11
561-DSP437	B	.437	- - -	.22	.17	.14	.11
561-DSP500	B	.500	- - -	.22	.17	.14	.11
561-DSP750	B	.750	- - -	.22	.17	.14	.11
561-DSP1000	B	1.000	- - -	.22	.17	.14	.11
561-DMSP125	D	.125	- - -	.15	.09	.08	.07
561-DMSP250	D	.250	- - -	.15	.09	.08	.07
561-DMSP375	D	.375	- - -	.15	.09	.08	.07
561-DMSP437	D	.437	- - -	.15	.09	.08	.07
561-DMSP500	D	.500	- - -	.15	.09	.08	.07
561-DMSP750	D	.750	- - -	.22	.17	.14	.07
561-DMSP1000	D	1.000	- - -	.22	.17	.14	.07

PCB LOCKING SUPPORTS

Male Threaded

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	500	1000
561-LMTP250	E	1/4	.12	.08	.07	.06
561-LMTP375	E	3/8	.12	.08	.07	.06
561-LMTP500	E	1/2	.12	.08	.07	.06
561-LMTP625	E	5/8	.16	.11	.09	.07
561-LMTP750	E	3/4	.16	.11	.09	.07
561-LMTP1000	E	1	.16	.11	.09	.07

Adhesive Base

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	500	1000
561-LAD187	F	3/16	.44	.31	.25	.19
561-LAD250	F	1/4	.44	.31	.25	.19
561-LAD375	F	3/8	.44	.31	.25	.19
561-LAD500	F	1/2	.44	.31	.25	.19
561-LAD625	F	5/8	.47	.34	.27	.20
561-LAD750	F	3/4	.47	.34	.27	.20
561-LAD1000	F	1	.47	.34	.27	.20

MALE PCB SUPPORT POSTS

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	500	1000
561-MTP125	G	1/8	.10	.07	.06	.05
561-MTP250	G	1/4	.10	.07	.06	.05
561-MTP500	G	1/2	.10	.07	.06	.05
561-MTP750	G	3/4	.12	.08	.07	.06
561-MTP875	G	7/8	.12	.08	.07	.06

PCB POSTS Patented "MSP" Series

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	500	1000
561-A0125	H	.125	.10	.07	.06	.05
561-A0250	H	.250	.10	.07	.06	.05
561-A0312	H	.312	.10	.07	.06	.05
561-A0375	H	.375	.10	.07	.06	.05
561-A0500	H	.500	.10	.07	.06	.05
561-A0625	H	.625	.12	.08	.07	.06
561-A0750	H	.750	.12	.08	.07	.06
561-A0875	H	.875	.12	.08	.07	.06
561-A1000	H	1.00	.12	.08	.07	.06

SNAP RIVET

Designed for assemblies requiring fast and economical fasteners that can be installed without tools. Molded in high dielectric (UL 94V2) nylon 6/6, making them ideal for electronic applications.

MOUSER STOCK NO.	Fig.	Panel Thickness	Dimen. (In.)		Price Each	
			A	B	1	100
561-SR0010	I	.050 - .100	.118	.140	.09	.06
561-SR0012	I	.122 - .160	.122	.220	.09	.06
561-SR0018	I	.100 - .140	.160	.200	.09	.06
561-SR0020	I	.144 - .188	.166	.240	.11	.07
561-SR0030	I	.160 - .200	.200	.280	.13	.08
561-SR1660240	I	.050 - .180	.157	.236	.18	.13
561-SR1660265	I	.170 - .210	.166	.265	.16	.11

MALE-FEMALE THREADED STANDOFFS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Length (In.)	Price Each			
			1	100	500	1000
561-MF440-25	J	1/4	.31	.18	.11	.10
561-MF440-37	J	3/8	.31	.18	.11	.10
561-MF440-50	J	1/2	.31	.18	.11	.10
561-MF440-62	J	5/8	.31	.18	.11	.10
561-MF440-75	J	3/4	.31	.18	.11	.10
561-MF440-87	J	7/8	.34	.21	.12	.11
561-MF440-100	J	1	.34	.21	.12	.11
561-MF440-112	J	1 1/8	.34	.21	.12	.11
561-MF440-125	J	1 1/4	.34	.21	.12	.11
561-MF440-137	J	1 3/8	.34	.21	.12	.11
561-MF440-150	J	1 1/2	.36	.22	.13	.12
561-MF440-162	J	1 5/8	.36	.22	.13	.12
561-MF440-175	J	1 3/4	.36	.22	.13	.12
561-MF440-200	J	2	.36	.22	.13	.12
561-MF632-25	J	1/4	.31	.18	.11	.10
561-MF632-375	J	3/8	.31	.18	.11	.10
561-MF632-50	J	1/2	.31	.18	.11	.10
561-MF632-62	J	5/8	.31	.18	.11	.10
561-MF632-75	J	3/4	.31	.18	.11	.10
561-MF632-87	J	7/8	.34	.21	.12	.11
561-MF632-100	J	1	.34	.21	.12	.11
561-MF632-112	J	1 1/8	.34	.21	.12	.11
561-MF632-125	J	1 1/4	.34	.21	.12	.11
561-MF632-137	J	1 3/8	.34	.21	.12	.11
561-MF632-150	J	1 1/2	.36	.22	.13	.12
561-MF632-162	J	1 5/8	.36	.22	.13	.12
561-MF632-175	J	1 3/4	.36	.22	.13	.12
561-MF632-200	J	2	.36	.22	.13	.12
561-MF832-25	J	1/4	.31	.18	.11	.10
561-MF832-37	J	3/8	.31	.18	.11	.10
561-MF832-50	J	1/2	.31	.18	.11	.10
561-MF832-62	J	5/8	.31	.18	.11	.10
561-MF832-75	J	3/4	.31	.26	.23	.15
561-MF832-87	J	7/8	.31	.18	.11	.10
561-MF832-100	J	1	.34	.21	.12	.11
561-MF832-112	J	1 1/8	.34	.21	.12	.11
561-MF832-125	J	1 1/4	.34	.21	.12	.11
561-MF832-137	J	1 3/8	.34	.21	.12	.11
561-MF832-150	J	1 1/2	.36	.22	.13	.12
561-MF832-162	J	1 5/8	.36	.22	.13	.12
561-MF832-175	J	1 3/4	.36	.22	.13	.12
561-MF832-200	J	2	.36	.22	.13	.12

FEMALE NYLON CIRCUIT BOARD POSTS

Note: Self-threading posts are designed for use with A#6 self-tapping screw.

- Recommended hole size: .156"
- Panel thickness: 1/16"

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Thread	Length (In.)	Price Each			
				1	100	500	1000
561-FSTP250	K	Self	.250	.27	.20	.17	.14
561-FSTP375	K	Self	.375	.27	.20	.17	.14
561-FSTP500	K	Self	.500	.29	.22	.18	.14
561-FSTP625	K	Self	.625	.29	.22	.18	.14
561-FSTP750	K	Self	.750	.29	.22	.18	.14
561-FSTP875	K	Self	.875	.29	.22	.18	.14
561-FSTP1000	K	Self	1.000	.30	.23	.19	.15
561-FTP250	L	8-32	.250	.41	.31	.26	.20
561-FTP375	L	8-32	.375	.42	.31	.26	.21
561-FTP500	L	8-32	.500	.43	.32	.27	.22
561-FTP625	L	8-32	.625	.44	.33	.28	.22
561-FTP750	L	8-32	.750	.45	.34	.28	.22
561-FTP1000	L	8-32	1.000	.47	.35	.29	.23

NYLON PCB SUPPORTS "LOCK/LOCK" SERIES

The "LLP" series is designed to securely lock both the chassis end and the printed circuit board on top.

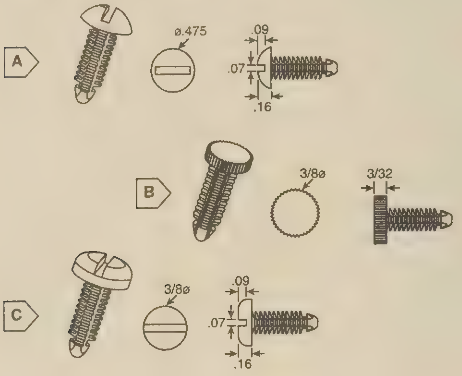
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	A	B	Price Each			
				1	100	500	1000
561-LLP187	M	.187	.307	.15	.11	.09	.08
561-LLP250	M	.250	.365	.16	.12	.10	.08
561-LLP375	M	.375	.495	.17	.13	.11	.09
561-LLP500	M	.500	.625	.18	.14	.12	.09
561-LLP625	M	.625	.745	.20	.15	.12	.10
561-LLP750	M	.750	.870	.21	.16	.13	.11
561-LLP1000	M	1.000	1.120	.36	.28	.25	.17

EAGLE Nylon Hardware

NYLON SPIN CLIPS

This design combines the advantages of a push-in type fastener with a screw. For fast assembly, the part can be pushed into a 1/4-20 threaded hole, and then screwed in for a tighter fit, or screwed out for disassembly.
This part will also function as a standard Fin Clip for use in an unthreaded hole with a diameter of approximately 13/64".
All nylon spin clips are in a natural color resin.

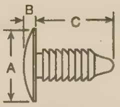


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Discription			Price Each		
		Head	Thread	Length	1	100	1000
561-SCR252050	A	Round	1/4-20	.500	.25	.11	.07
561-SCR252075	A	Round	1/4-20	.750	.25	.11	.07
561-SCR252100	A	Round	1/4-20	1.00	.25	.11	.07
561-SCK252037	B	Knurled	1/4-20	.375	.25	.11	.07
561-SCK252050	B	Knurled	1/4-20	.500	.25	.11	.07
561-SCK252075	B	Knurled	1/4-20	.750	.25	.11	.07
561-SCK252100	B	Knurled	1/4-20	1.00	.25	.11	.07
561-SCP252050	C	Pan	1/4-20	.500	.25	.11	.07
561-SCP252075	C	Pan	1/4-20	.750	.25	.11	.07
561-SCP252100	C	Pan	1/4-20	1.00	.25	.11	.07

RATCHET FASTENERS

Rachet Fasteners are designed to provide an economical fastening method over a wide range of panel thicknesses and materials. The easy hand installation assures a quick assembly and a strong and reliable finished product.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hole Size	Panel Thickness	Dimensions			Price Each		
			A	B	C	1	100	1000
561-RT2508	.250	.150/.535	.700	.107	.783	.26	.12	.08
561-RT2811	.281	.093/.500	.625	.110	.890	.46	.20	.13

NUTS

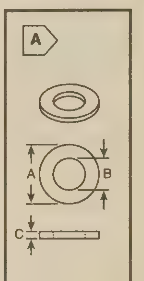
Use with nylon machine screws for mounting semiconductors to heat sinks.

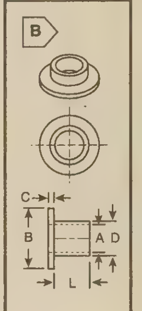
Hex Nut

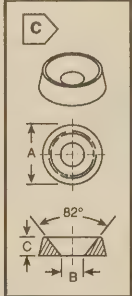
Lock Nut

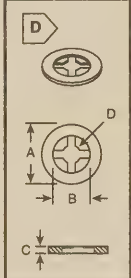
For quantities greater than listed, call for quote.

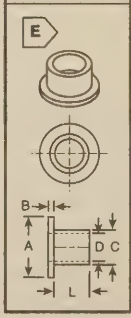
MOUSER STOCK NO.	Description	Size	Price Each		
			1	100	1000
561-G440	Hex nut	4-40	.16	.059	.039
561-G632	Hex nut	6-32	.16	.059	.039
561-G832	Hex nut	8-32	.16	.059	.039
561-G1032	Hex nut	10-32	.17	.063	.041
561-G25020	Hex nut	1/4-20	.18	.068	.047
561-H440	Lock nut	4-40	.24	.089	.061
561-H632	Lock nut	6-32	.24	.089	.061
561-H832	Lock nut	8-32	.24	.089	.061
561-H1032	Lock nut	10-32	.25	.095	.063
561-H25020	Lock nut	1/4-20	.28	.105	.070
561-TN0440	Knurled head thumb nut	4-40	.47	.22	.14
561-TN0632	Knurled head thumb nut	6-32	.48	.22	.15
561-TN0832	Knurled head thumb nut	8-32	.49	.23	.15
561-TN1032	Knurled head thumb nut	10-32	.51	.23	.15
561-TN25020	Knurled head thumb nut	1/4-20	.52	.24	.16
561-DLWN0440	Locking wing nut	4-40	.27	.13	.08
561-DLWN0632	Locking wing nut	6-32	.27	.13	.08
561-DLWN0832	Locking wing nut	8-32	.27	.13	.08
561-DLWN1032	Locking wing nut	10-32	.27	.13	.08
561-DLWN25020	Locking wing nut	1/4-20	.36	.17	.11











WASHERS

DIMENSIONS (IN.

Standard Flat Washers

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)			Price Each			
			A	B	C	1	100	1000	5000
561-D232	A	2	.250	.090	.032	.06	.021	.016	.009
561-D262	A	2	.250	.090	.062	.06	.021	.016	.009
561-D432	A	4	.250	.115	.032	.06	.021	.016	.009
561-D462	A	4	.250	.115	.062	.06	.021	.016	.009
561-D4125	A	4	.250	.115	.125	.09	.059	.041	.027
561-D632	A	6	.312	.140	.032	.06	.021	.016	.009
561-D662	A	6	.312	.140	.062	.06	.021	.016	.009
561-D6125	A	6	.312	.140	.125	.09	.059	.041	.027
561-D832	A	8	.375	.171	.032	.06	.021	.016	.009
561-D862	A	8	.375	.171	.062	.07	.034	.021	.018
561-D8125	A	8	.375	.171	.125	.09	.059	.041	.027
561-D1032	A	10	.375	.194	.032	.06	.021	.016	.009
561-D1062	A	10	.375	.194	.062	.07	.034	.021	.018
561-D10125	A	10	.375	.194	.125	.09	.059	.041	.027
561-D2562	A	1/4	.500	.257	.062	.07	.034	.021	.018
561-D31262	A	5/16	.500	.317	.062	.07	.034	.021	.018
561-D37562	A	3/8	.625	.380	.062	.07	.034	.021	.018
561-D43762	A	7/16	.750	.443	.062	.08	.042	.032	.021
561-D50062	A	1/2	.750	.505	.062	.08	.042	.032	.021

Standard Shoulder Washers

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)					Price Each			
			L	A	B	C	D	1	100	500	1000
561-SW6	B	6	.040	.146	.328	.040	.218	.08	.042	.032	.021
561-SW8	B	8	.050	.174	.375	.050	.250	.08	.042	.032	.021
561-SW10	B	10	.050	.201	.437	.050	.281	.09	.059	.041	.027
561-SW25	B	1/4	.060	.260	.562	.060	.375	.09	.059	.041	.027
561-SW375	B	3/8	.060	.385	.750	.060	.500	.10	.069	.048	.031

Finishing Washers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)			Price Each			
			A	B	C	1	100	500	1000
561-SFW6	C	6	.437	.143	.100	.18	.090	.076	.060
561-SFW8	C	8	.510	.171	.115	.19	.098	.082	.066
561-SFW10	C	10	.580	.191	.152	.20	.107	.090	.072

Retaining Washers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)				Price Each			
			A	B	C	D	1	100	500	1000
561-04032	D	4	.266	.156	.032	.102	.06	.021	.016	.014
561-04062	D	4	.266	.156	.062	.102	.07	.034	.021	.018
561-06032	D	6	.328	.198	.032	.128	.06	.021	.016	.014
561-06062	D	6	.328	.198	.062	.128	.07	.034	.021	.018
561-08032	D	8	.391	.235	.032	.152	.07	.034	.021	.018
561-08062	D	8	.391	.235	.062	.152	.08	.042	.032	.021
561-10032	D	10	.453	.277	.032	.177	.07	.034	.021	.018
561-10062	D	10	.453	.277	.062	.177	.08	.042	.032	.021

SCREW INSULATORS

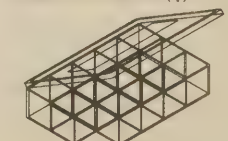
Nylon screw insulators are used to isolate metal screws electrically and reduce corrosion. They may also be used as light load bearings in many applications.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)					Price Each			
			L	A	B	C	D	1	100	500	1000
561-04006	E	4	.063	.235	.047	.145	.115	.08	.042	.032	.021
561-04012	E	4	.125	.235	.047	.145	.115	.08	.042	.032	.021
561-06004	E	6	.047	.290	.047	.170	.140	.08	.042	.032	.021
561-06012	E	6	.125	.290	.047	.170	.140	.08	.042	.032	.021
561-06018	E	6	.188	.290	.047	.170	.140	.08	.042	.032	.021
561-06025	E	6	.25	.290	.047	.170	.140	.08	.042	.032	.021
561-06050	E	6	.50	.290	.047	.170	.140	.08	.042	.032	.027
561-08012	E	8	.125	.344	.063	.205	.173	.09	.059	.041	.027
561-08025	E	8	.25	.344	.063	.205	.173	.09	.059	.041	.027
561-08037	E	8	.375	.344	.063	.205	.173	.09	.059	.041	.027
561-08050	E	8	.50	.344	.063	.205	.173	.09	.059	.041	.027
561-10014	E	10	.141	.399	.063	.260	.200	.09	.059	.041	.027
561-10025	E	10	.25	.399	.063	.260	.200	.09	.059	.041	.027
561-10037	E	10	.375	.399	.063	.260	.200	.09	.059	.041	.027
561-10075	E	10	.75	.399	.063	.260	.200	.09	.059	.041	.027
561-25012	E	1/4	.125	.513	.063	.312	.260	.09	.059	.041	.027
561-25018	E	1/4	.188	.513	.063	.312	.260	.09	.059	.041	.027
561-25025	E	1/4	.25	.513	.063	.312	.260	.09	.059	.041	.027
561-25037	E	1/4	.375	.513	.063	.312	.260	.09	.059	.041	.027
561-25050	E	1/4	.50	.513	.063	.312	.260	.09	.059	.041	.027
561-25075	E	1/4	.75	.513	.063	.312	.260	.09	.059	.041	.027

HARDWARE ASSORTMENT KITS

- Type 6/6 nylon except where indicated with an asterisk (*)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each		
		1	5	10
* 524-11-516	20 round head screws, 20 binding head screws, 40 hex nuts, 40 washers (size 6-32, 8-32)	10.07	- - - -	9.06
561-M1996	290 cable clamps, 18 sizes	46.66	44.62	42.60
561-M1995	140 cable clips, 15 sizes	28.33	27.10	25.86
561-M1994	700 PCB posts, 10 sizes	46.66	44.62	42.60
561-M1993	300 shoulder washers, 30 sizes	28.33	27.10	25.86
561-M1992	340 spacer/standoffs, 40 sizes	46.66	44.62	42.60
561-M1991	180 transistor hardware, 17 sizes	28.33	27.10	25.86
561-M1997	500 flat washers, 40 sizes	28.33	27.10	25.86
561-M1998	750 screws and nuts, 40 sizes	46.66	44.62	42.60
561-M1999	108 strain reliefs, 12 sizes	28.33	27.10	25.86

EAGLE Nylon Hardware

MACHINE SCREWS

High quality screws made of durable type 6/6 nylon (UL-94V2).

✱ Nylon 6/6 meets MIL-M20693B "A" type 1, LP410A, and ASTM D789-66 type 1, GDE 2 (UL-94V2)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Price Each		
		Thread	Length	1	100	1000
Flat Slotted 82°						
561-F440.25	A	4-40	.25	.18	.068	.045
561-F440.375	A	4-40	.375	.18	.068	.045
561-F440.5	A	4-40	.50	.18	.068	.045
561-F440.75	A	4-40	.75	.18	.068	.045
561-F440-1	A	4-40	1.00	.18	.068	.045
561-F632.25	A	6-32	.25	.18	.068	.045
561-F632.375	A	6-32	.375	.18	.068	.045
561-F632.5	A	6-32	.50	.19	.071	.047
561-F632.75	A	6-32	.75	.19	.071	.047
561-F632-1	A	6-32	1.00	.19	.071	.047
561-F832.25	A	8-32	.25	.19	.071	.047
561-F832.375	A	8-32	.375	.19	.071	.047
561-F832.5	A	8-32	.50	.19	.071	.047
561-F832-1	A	8-32	1.00	.19	.071	.047
Pan Slotted						
561-P440.25	B	4-40	.25	.18	.068	.045
561-P440.375	B	4-40	.375	.18	.068	.045
561-P440.5	B	4-40	.50	.18	.068	.045
561-P440.75	B	4-40	.75	.18	.068	.045
561-P440-1	B	4-40	1.00	.18	.068	.045
561-P632.25	B	6-32	.25	.19	.071	.047
561-P632.375	B	6-32	.375	.19	.071	.047
561-P632.5	B	6-32	.50	.19	.071	.047
561-P632.75	B	6-32	.75	.19	.071	.047
561-P632-1	B	6-32	1.00	.19	.071	.047
561-P832.25	B	8-32	.25	.19	.071	.047
561-P832.375	B	8-32	.375	.19	.071	.047
561-P832.5	B	8-32	.50	.19	.071	.047
561-P832.75	B	8-32	.75	.19	.071	.047
561-P832-1	B	8-32	1.00	.19	.071	.047
✱ **Round Slotted**						
561-J440.25	C	4-40	.25	.18	.068	.045
561-J440.375	C	4-40	.375	.18	.068	.045
561-J440.5	C	4-40	.50	.18	.068	.045
561-J440.75	C	4-40	.75	.18	.068	.045
561-J440-1	C	4-40	1.00	.18	.068	.045
561-J632.25	C	6-32	.25	.18	.068	.046
561-J632.375	C	6-32	.375	.18	.068	.046
561-J632.5	C	6-32	.50	.19	.071	.046
561-J632.75	C	6-32	.75	.19	.071	.047
561-J832.25	C	8-32	.25	.19	.071	.047
561-J832.375	C	8-32	.375	.19	.071	.047
561-J832.5	C	8-32	.50	.19	.071	.047
561-J832.75	C	8-32	.75	.19	.071	.047
561-J832-1	C	8-32	1.00	.19	.071	.047
561-J1032.25	C	10-32	.25	.22	.081	.053
561-J1032.375	C	10-32	.375	.22	.081	.053
561-J1032.50	C	10-32	.50	.22	.081	.053
561-J1032.75	C	10-32	.75	.22	.081	.053
561-J1032-1	C	10-32	1.00	.22	.081	.053
561-J250.75	C	1/4-20	.75	.25	.095	.061
561-J250-1	C	1/4-20	1.00	.25	.095	.061
Knurled Head Thumb Screws						
561-T0440018	D	4-40	.187	.28	.13	.08
561-T0440025	D	4-40	.250	.28	.13	.08
561-T0440037	D	4-40	.375	.28	.13	.08
561-T0440050	D	4-40	.500	.28	.13	.08
561-T0440075	D	4-40	.750	.28	.13	.08
561-T0632025	D	6-32	.250	.31	.14	.09
561-T0632037	D	6-32	.375	.31	.14	.09
561-T0632050	D	6-32	.500	.31	.14	.09
561-T0632075	D	6-32	.750	.31	.14	.09
561-T0632100	D	6-32	1.00	.31	.14	.09
561-T0832018	D	8-32	.187	.31	.14	.09
561-T0832037	D	8-32	.375	.31	.14	.09
561-T0832050	D	8-32	.500	.31	.14	.09
561-T0832075	D	8-32	.750	.31	.14	.09
561-T0832100	D	8-32	1.00	.31	.14	.09
561-T1032037	D	10-32	.375	.33	.15	.10
561-T1032050	D	10-32	.500	.33	.15	.10
561-T1032075	D	10-32	.750	.33	.15	.10
561-T1032100	D	10-32	1.00	.33	.15	.10
561-T1032150	D	10-32	1.50	.33	.15	.10
561-T1032200	D	10-32	2.00	.33	.15	.10
561-T2520050	D	1/4-20	.500	.34	.16	.10
561-T2520075	D	1/4-20	.750	.34	.16	.10
561-T2520100	D	1/4-20	1.00	.34	.16	.10
561-T2520125	D	1/4-20	1.25	.34	.16	.10
561-T2520150	D	1/4-20	1.50	.36	.17	.11

NYLON LOCKING HEX SPACER

Economic locking spacers eliminate screws, nuts, and lock washers in mounting P.C. boards on metal chassis or stacking in multiple tiers. Unique locking clips provide a mechanically secure, reusable connection in predrilled or punched holes while saving considerable assembly time.

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	100	500	1000
561-MPH276	E	Hex locking spacer	.46	.21	.16	.14

STANDARD SPACERS

All standard nylon spacers can be tapped two thread sizes larger than the screw size listed.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)			Price Each		
			A	B	L	1	100	1000
561-KSP2	F	4	.187	.115	.125	.20	.075	.055
561-KSP4	F	4	.187	.115	.187	.20	.075	.055
561-KSP6	F	4	.187	.115	.250	.20	.075	.055
561-KSP8	F	4	.187	.115	.312	.20	.075	.055
561-KSP10	F	4	.187	.115	.375	.20	.075	.055
561-K4.125	F	4	.250	.115	.125	.20	.075	.055
561-K4.187	F	4	.250	.115	.187	.20	.075	.055
561-K4.25	F	4	.250	.115	.250	.14	.050	.037
561-K4.375	F	4	.250	.115	.375	.17	.060	.047
561-K4.50	F	4	.250	.115	.500	.17	.060	.047
561-K4.625	F	4	.250	.115	.625	.27	.095	.076
561-K4.75	F	4	.250	.115	.750	.26	.095	.074
561-K4.875	F	4	.250	.115	.875	.34	.120	.095
561-K41.00	F	4	.250	.115	1.000	.36	.137	.111
561-K6.25	F	6	.250	.140	.250	.14	.050	.037
561-K6.375	F	6	.250	.140	.375	.17	.063	.047
561-K6.437	F	6	.250	.140	.437	.20	.075	.055
561-K6.50	F	6	.250	.140	.500	.20	.075	.055
561-K6.625	F	6	.250	.140	.625	.23	.080	.064
561-K6.75	F	6	.250	.140	.750	.32	.111	.087
561-K6.875	F	6	.250	.140	.875	.34	.124	.095
561-K61.00	F	6	.250	.140	1.000	.36	.137	.111
561-K8.25	F	8	.250	.171	.250	.14	.053	.037
561-K8.375	F	8	.250	.171	.375	.24	.088	.067
561-K8.50	F	8	.250	.171	.500	.24	.088	.067
561-K8.625	F	8	.250	.171	.625	.27	.101	.077
561-K8.75	F	8	.250	.171	.750	.32	.113	.088
561-K8.875	F	8	.250	.171	.875	.34	.126	.101
561-K81.00	F	8	.250	.171	1.000	.37	.139	.113
561-KSP92	F	6	.312	.140	.125	.20	.075	.055
561-KSP97	F	8	.312	.171	.187	.20	.075	.055
561-KSP102	F	10	.312	.194	.250	.20	.075	.055
561-KSP110	F	10	.312	.194	.375	.20	.075	.055
561-KSP114	F	10	.312	.194	.437	.20	.075	.055
561-KSP117	F	8	.312	.171	.500	.20	.075	.055
561-KSP160	F	10	.375	.194	.125	.20	.075	.055
561-KSP163	F	10	.375	.194	.187	.20	.075	.055
561-KSP166	F	10	.375	.194	.250	.20	.075	.055
561-KSP169	F	10	.375	.194	.312	.20	.075	.055
561-KSP172	F	10	.375	.194	.375	.20	.075	.055
561-KSP178	F	10	.375	.194	.500	.21	.080	.064
561-KSP190	F	10	.375	.194	.750	.23	.091	.072
561-KSP202	F	10	.375	.194	1.000	.25	.098	.074
561-KSP205	F	10	.500	.194	.125	.20	.075	.055
561-KSP210	F	10	.500	.194	.312	.20	.075	.055
561-KSP215	F	10	.500	.194	.250	.20	.075	.055
561-KSP220	F	10	.500	.194	.312	.21	.080	.064
561-KSP225	F	10	.500	.194	.375	.21	.080	.064
561-KSP230	F	10	.500	.194	.437	.23	.091	.072
561-KSP235	F	10	.500	.194	.500	.23	.091	.072
561-KSP312	F	4	.250	.115	1.250	.53	.201	.161
561-KSP377	F	10	.375	.194	1.125	.59	.224	.179

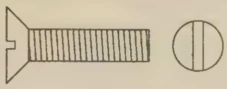
ROUND TAPPED SPACERS

Molded from type 66 nylon and then machine tapped, these spacers are low cost insulators that can be used in many electrical applications.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	Dimensions (In.)		Price Each			
			A	L	1	100	1000	5000
561-TSP1	G	4-40	.250	.250	.24	.16	.12	.10
561-TSP2	G	4-40	.250	.375	.26	.18	.14	.12
561-TSP3	G	4-40	.250	.500	.26	.18	.14	.12
561-TSP36	G	4-40	.250	.625	.26	.18	.14	.12
561-TSP4	G	4-40	.250	.750	.30	.22	.17	.15
561-TSP37	G	4-40	.250	.875	.30	.22	.17	.15
561-TSP5	G	4-40	.250	1.000	.30	.22	.17	.15
561-TSP6	G	6-32	.250	.250	.24	.16	.12	.10
561-TSP7	G	6-32	.250	.375	.26	.18	.14	.12
561-TSP8	G	6-32	.250	.500	.26	.18	.14	.12
561-TSP38	G	6-32	.250	.625	.26	.18	.14	.12
561-TSP9	G	6-32	.250	.750	.26	.22	.17	.15
561-TSP39	G	6-32	.250	.875	.30	.22	.17	.15
561-TSP10	G	6-32	.250	1.000	.24	.22	.17	.15
561-TSP11	G	8-32	.250	.250	.24	.16	.12	.10
561-TSP12	G	8-32	.250	.375	.26	.18	.14	.12
561-TSP13	G	8-32	.250	.500	.26	.18	.14	.12
561-TSP40	G	8-32	.250	.625	.26	.18	.14	.12
561-TSP14	G	8-32	.250	.750	.30	.22	.17	.15
561-TSP41	G	8-32	.250	.875	.30	.22	.17	.15
561-TSP15	G	8-32	.250	1.000	.30	.22	.17	.15

A



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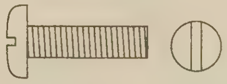

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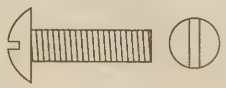

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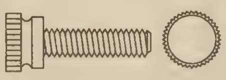
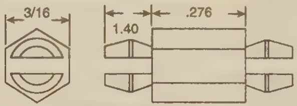


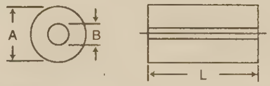
E

Fits hole size of .152+/-.002 board thickness 1/16



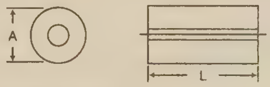
DIMENSIONS (IN.)

F



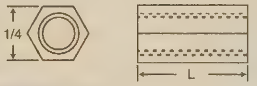
DIMENSIONS (IN.)

G



DIMENSIONS (IN.)

H



DIMENSIONS (IN.)

HEX TAPPED SPACERS

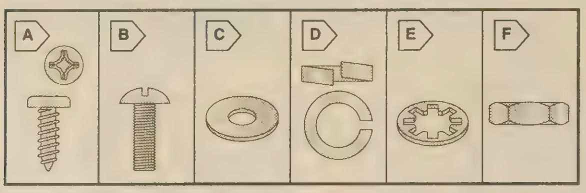
On spacer 3/4" and longer, tap is 3/8" from each end.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Screw Size	L Length (In.)	Price Each		
				1	100	1000
561-L4.25	H	4-40	.250	.44	.160	.121
561-L4.375	H	4-40	.375	.49	.170	.139
561-L4.50	H	4-40	.500	.50	.180	.141
561-L4.625	H	4-40	.625	.50	.180	.141
561-L4.75	H	4-40	.750	.61	.220	.168
561-L4.875	H	4-40	.875	.76	.270	.210
561-L41.0	H	4-40	1.000	.66	.240	.182
561-L6.25	H	6-32	.250	.57	.200	.158
561-L6.375	H	6-32	.375	.48	.180	.137
561-L6.50	H	6-32	.500	.56	.196	.154
561-L6.625	H	6-32	.625	.50	.179	.141
561-L6.75	H	6-32	.750	.61	.221	.168
561-L6.875	H	6-32	.875	.76	.277	.214
561-L61.0	H	6-32	1.000	.66	.240	.182
561-L8.25	H	8-32	.250	.57	.202	.158
561-L8.375	H	8-32	.375	.58	.214	.164
561-L8.50	H	8-32	.500	.61	.214	.168
561-L8.625	H	8-32	.625	.61	.214	.168
561-L8.75	H	8-32	.750	.74	.263	.200
561-L8.875	H	8-32	.875	.76	.273	.210
561-L81.0	H	8-32	1.000	.80	.290	.218

ZINC PLATED HARDWARE

High quality zinc-plated steel fasteners available for your production needs and conveniently packaged 100 pieces per box.



Phillips Pan Head Sheet Metal Screws

• Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Screw Size	Length (In.)	Price Per Box			
				1	5	10	25
5721-4-3/8	A	4	3/8	2.65	2.25	1.85	1.37
5721-4-1/2	A	4	1/2	3.01	2.55	2.09	1.54
5721-4-3/4	A	4	3/4	3.40	2.88	2.35	1.72
5721-6-3/8	A	6	3/8	2.89	2.45	2.01	1.48
5721-6-1/2	A	6	1/2	3.10	2.63	2.15	1.58
5721-6-3/4	A	6	3/4	3.52	2.98	2.43	1.78
5721-8-3/8	A	8	3/8	3.52	2.98	2.43	1.78
5721-8-1/2	A	8	1/2	3.79	3.20	2.61	1.90
5721-8-3/4	A	8	3/4	4.42	3.73	3.03	2.20
5721-10-3/8	A	10	3/8	4.27	3.60	2.93	2.13
5721-10-1/2	A	10	1/2	4.51	3.80	3.09	2.24
5721-10-3/4	A	10	3/4	4.90	4.13	3.35	2.42

Round Head Machine Screws

• Sold per box of 100 only

5721-256-1/4	B	2-56	1/4	3.22	2.73	2.23	1.64
5721-256-3/8	B	2-56	3/8	3.52	3.03	2.43	1.78
5721-256-1/2	B	2-56	1/2	5.20	4.38	3.55	2.56
5721-440-1/4	B	4-40	1/4	1.62	1.54	1.35	1.25
5721-440-3/8	B	4-40	3/8	1.55	1.48	1.26	1.18
5721-440-1/2	B	4-40	1/2	1.62	1.54	1.35	1.25
5721-440-3/4	B	4-40	3/4	1.98	1.88	1.65	1.58
5721-632-1/4	B	6-32	1/4	1.77	1.62	1.47	1.39
5721-632-3/8	B	6-32	3/8	1.85	1.69	1.53	1.45
5721-632-1/2	B	6-32	1/2	1.91	1.74	1.58	1.50
5721-632-3/4	B	6-32	3/4	1.97	1.80	1.63	1.54
5721-832-1/4	B	8-32	1/4	2.40	2.23	1.97	1.80
5721-832-3/8	B	8-32	3/8	2.48	2.30	2.03	1.85
5721-832-1/2	B	8-32	1/2	2.50	2.32	2.05	1.87
5721-832-3/4	B	8-32	3/4	2.58	2.39	2.11	1.92
5721-1032-1/4	B	10-32	1/4	3.14	2.65	2.18	1.64
5721-1032-3/8	B	10-32	3/8	2.95	2.50	2.05	1.51
5721-1032-1/2	B	10-32	1/2	3.07	2.60	2.13	1.57
5721-1032-3/4	B	10-32	3/4	3.54	2.85	2.39	1.72

Flat Washers

• Nickel-plated steel • Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Size	O.D. (In.)	Price Per Box		
				1	10	50
524-11-142C	C	4	9/32	2.54	2.28	2.20
524-11-146C	C	6	3/8	2.59	2.33	2.25
538-MW-403C	C	8	3/8	1.88	1.70	1.64
538-MW-410C	C	3/8	7/8	2.00	1.80	1.74
538-MW-404C	C	10	7/16	3.60	3.24	3.13

Lock Washers

• Zinc-plated steel • Sold per box of 100 only

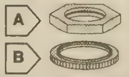
MOUSER STOCK NO.	Fig.	Size	Style	Price Per Box			
				1	5	10	25
5721-LWS-4	D	4	Split	2.80	2.38	1.95	1.44
5721-LWS-6	D	6	Split	1.75	1.50	1.25	.95
5721-LWS-8	D	8	Split	1.81	1.55	1.29	.98
5721-LWS-10	D	10	Split	1.93	1.65	1.37	1.03
5721-LWI-6	E	6	Internal Tooth	1.57	1.48	1.40	1.32
5721-LWI-8	E	8	Internal Tooth	1.72	1.63	1.54	1.45
5721-LWI-10	E	10	Internal Tooth	1.82	1.72	1.62	1.52

Hex Nuts

• Zinc-plated steel • Sold per box of 100 only

MOUSER STOCK NO.	Fig.	Size	Price Per Box			
			1	5	10	25
5721-256	F	2-56	2.65	2.25	1.85	1.37
5721-440	F	4-40	2.59	2.20	1.81	1.34
5721-632	F	6-32	2.65	2.25	1.85	1.37
5721-832	F	8-32	2.71	2.30	1.89	1.40
5721-1032	F	10-32	2.56	2.18	1.79	1.33

KEYSTONE ELECTRONICS CORP. PANEL NUTS



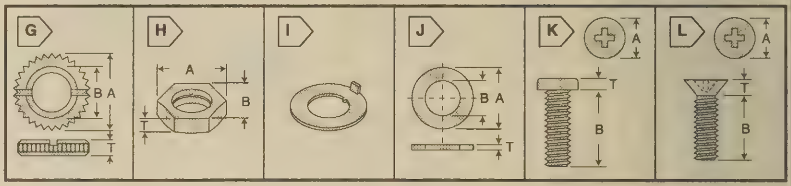
- For volume controls, switches, capacitors, tip jacks, etc.
- Material: brass, nickel plated

MOUSER STOCK NO.	Fig.	Type	Thread	Diameter	Thickness (In.)	Price Each	
						1	100
534-1448	A	Mounting	1/4-32	3/8 hex	3/32	.20	.099
534-1449	A	Mini control	1/4-32	5/16 hex	5/64	.14	.068
534-1456	A	Vol. control	3/8-32	1/2 hex	3/32	.19	.095
534-1458	A	Switch	15/32-32	9/16 hex	5/64	.24	.127
534-1459	B	Switch ring	15/32-32	5/8 knurl.	1/16	.44	.219

METRIC HARDWARE

Low profile metric nuts for switches, potentiometers, LED'S, plugs, and jacks.

DIMENSIONS (mm)



Knurled Nuts

Please order in multiples of 100 For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Thread Size (mm)	Material	Plating	Dimensions (mm)			Price Each			
					A	B	T	1	100	1000	10000
48KN004	G	M4 x .50	Brass	Nickel	6	4	1.5	- - -	.048	.044	.040
48KN005	G	M4.5 x .50	Brass	Nickel	6	3.5	1.5	- - -	.025	.023	.021
48KN006	G	M6 x .50	Brass	Nickel	8	6	1.5	- - -	.057	.052	.048
48KN007	G	M6 x .50	Brass	Nickel	8	6	2	- - -	.080	.070	.060

Hex Nuts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Thread Size (mm)	Material	Plating	Dimensions (mm)			Price Each			
					A	B	T	1	100	1000	10000
48AN006	H	M6 x 0.75	Steel	Zinc	9	8	2	- - -	.027	.025	.023
48AN007	H	M7 x 0.75	Steel	Zinc	11	10	2	- - -	.027	.025	.023
481-0007	H	M7 x 0.75	Steel	Nickel	11	10	2	- - -	.030	.028	.025
† 481-0017	H	M7 x 0.75	Steel	Zinc	11	10	2	- - -	.070	.060	.054
48AN008	H	M8 x 0.75	Steel	Zinc	12	11	2	- - -	.027	.025	.023
48AN009	H	M9 x 0.75	Steel	Zinc	13.5	12	2	- - -	.027	.025	.023
481-0009	H	M9 x 0.75	Steel	Nickel	13.5	12	2	- - -	.030	.028	.025
481-0095	H	M9.5 x 0.75	Steel	Nickel	15.3	13.4	2.2	- - -	.240	.210	.160
* 481-9575	H	M9.5 x 0.75	Steel	Nickel	14.3	12.5	2.5	- - -	.059	.046	.038
481-0010	H	M10 x 0.75	Steel	Zinc	16	14	2	- - -	.042	.039	.035
48AN010	H	M10 x 1.00	Steel	Nickel	16	14	2	- - -	.042	.039	.035
48AN012	H	M12 x .75	Steel	Nickel	16	14	2	- - -	.060	.055	.050

† Special 7M nut. Inside diameter will fit over 1/4" round potentiometer shafts.
* Equivalent to 3/8 x 32 NEF

Star Washer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size (mm)	Style	Material	Plating	Price Each			
						1	100	1000	10000
481-0685	E	5	Internal tooth	Steel	Zinc	- - -	.016	.014	.010
481-0686	E	6	Internal tooth	Steel	Zinc	- - -	.024	.021	.011
481-0687	E	7	Internal tooth	Steel	Zinc	- - -	.032	.029	.020
481-0688	E	8	Internal tooth	Steel	Zinc	- - -	.040	.036	.024
481-0680	E	10	Internal tooth	Steel	Zinc	- - -	.056	.050	.038
481-0682	E	12	Internal tooth	Steel	Zinc	- - -	.064	.058	.046

Anti-Rotation Tab Lock Washer

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size (mm)	Style	Material	Plating	Price Each			
						1	100	1000	10000
481-0676	I	6	Internal tab	Steel	Nickel	- - -	.032	.029	.026

Flat Washers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Thread Size (mm)	Material	Plating	Dimensions (mm)			Price Each			
					A	B	T	1	100	1000	10000
48CW007	J	M7	Steel	Zinc	12	7	.5	- - -	.013	.011	.010
48CW008	J	M8	Steel	Zinc	14	8	.5	- - -	.013	.011	.010
48CW009	J	M9	Steel	Zinc	14	9	.5	- - -	.013	.011	.010
48CW009.5	J	M9.5	Steel	Zinc	14	10	.5	- - -	.013	.011	.010

Pan Head Phillips Screw

For quantities greater than listed, call for quote.

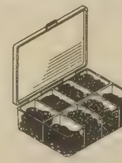
MOUSER STOCK NO.	Fig.	Thread Size (mm)	Material	Plating	Dimensions (mm)			Price Each			
					A	B	T	1	100	1000	10000
48SS002	K	M1.7 x 0.35	Steel	Nickel	3	4	1	- - -	.010	.009	.008
48SM004	K	M2 x 0.40	Steel	Nickel	3.5	4	1.3	- - -	.012	.011	.010
48SM006	K	M2 x 0.40	Steel	Nickel	3.5	4.7	1.3	- - -	.012	.011	.010
48SM026	K	M2.6 x 0.45	Steel	Nickel	4	6	1.8	- - -	.012	.011	.010
48SM003	K	M3 x 0.50	Steel	Nickel	5	6	2	- - -	.012	.011	.010
481-0264	K	M2.6 x 0.45	Steel	Nickel	4	4	1.8	- - -	.012	.011	.010
481-0263	K	M3 x 0.50	Steel	Nickel	5	4	1.8	- - -	.012	.011	.010

Flat Head Phillips Screw

For quantities greater than listed, call for quote.

48SS003	L	M2.5 x 0.45	Steel	Nickel	4	2.5	1.5	- - -	.012	.011	.010

METRIC HARDWARE KIT



Contains:

240 nickel plated steel machine screws
100 nickel plated steel nuts
60 nickel plated steel spring lock washers
60 steel E-rings

Sizes: 2mm, 2.6mm, 3mm, 4mm

For quantities greater than listed call for quote.

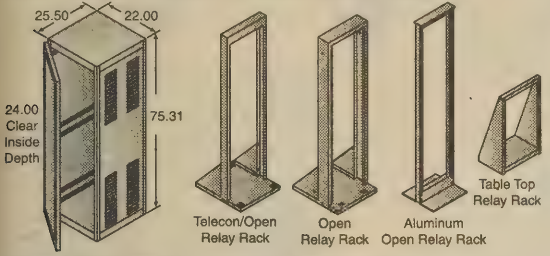
MOUSER STOCK NO.	Price Each
524-11-528	44.24

BUD Cabinets, Racks, and Accessories

BUD INDUSTRIES INC

DATACOM CABINET ASSEMBLY AND RELAY RACKS "Shipped Factory Direct"

DIMENSIONS (IN.)



Datacom Cabinet Assembly: 563-ER-16615 Economizer cabinet rack with louvered side panels and rear door, ventilated top suitable for 563-FN-1282 exhaust fan, and cable access in bottom. Installed V-9766-L locking econoglass front door. Two pairs of installed full height panel mounting rails. Includes two SH-2385-BT ventilated shelves. It comes completely assembled for immediate use.

Table Top Relay Racks: Chassis-type base holds heavy components for table mounting applications. Supporting angles provide strength, rigidity. Panel mounting rails tapped #10-32 on E.I.A. universal spacing. Standard 19" panel fits flush with front. Base, 20.38" x 12". Shipped knocked down.

Telecon/Open Relay Racks: Exceptionally strong structure made up of chassis-type base and supporting angles. Uprights, .11"; steel channels, 3" deep; top plate, 1.13" x 3.13". Rails tapped #10-32 on E.I.A. universal spacing. Base is 19.97" x 22" and drilled for 563-RC-7758 casters. Shipped knocked down in two (2) cartons, with all necessary assembly and mounting hardware.

Open Relay Racks: Extra-sturdy racks made of 14 and 12 gauge steel. 8" deep welded "U" member and triangular bracket hold uprights to base (12 GA). Panel mounting rails tapped #10-32 on E.I.A. universal spacing. Chassis type base, 20.88" x 26", drilled for 563-RC-7758 casters. Racks may be bolted together in Add-A-Rack fashion. Shipped knocked down in two (2) cartons, with all necessary assembly and mounting hardware.

Aluminum Open Relay Racks: Wide panel spaces. Panel mounting holes are #12-24 tapped on E.I.A. universal spacing on both the front and rear flanges. Finish: Natural finish or Black Textured. Shipped knocked down in one (1) carton, with all necessary assembly and mounting hardware.

Datacom Cabinet Assembly

Depth: 25.5"

Datacom Cabinet Assembly: There are two colors available, replace the (__) in the part number with: **S** for **Sand Textured** or **RB** for **Royal Blue**

MOUSER STOCK NO.	Height (In.)	Panel Space (In.)	Price Each
563-DC-8002__	75.31	19 x 70	1081.45

Relay Racks

Relay Racks: There are two colors available, replace the (__) in the part number with: **MG** for **Metallic Gray** or **BT** for **Black Textured**

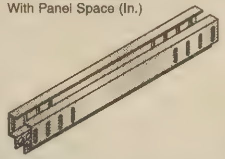
Table Top			
563-RR-1248__	24.00	21.00	95.35
563-RR-1249__	31.00	28.00	104.25
Telecon/Open			
563-RR-1263__	35.63	31.50 x 19	146.30
563-RR-1363__	40.88	36.75 x 19	155.75
563-RR-1264__	70.63	66.50 x 19	175.80
563-RR-1364__	75.63	71.75 x 19	179.70
563-RR-1366__	81.13	77.00 x 19	183.60
Open			
563-RR-1367__	64.63	61.25 x 19	320.05
563-RR-1368__	73.38	70.00 x 19	340.50
563-RR-1369__	80.38	77.00 x 19	351.80

Aluminum Open Relay Racks

MOUSER STOCK NO.	Height (In.)	Panel Space (In.)	Price Each
Natural Finish			
563-ARR-1272-NF	84	77.00 x 19	136.00
Black Textured			
563-ARR-1272-BT	84	77.00 x 19	140.30

STANDARD PANEL MOUNTING RAILS

Use with Economizer Cabinet Racks. 12-gauge steel. Sold in pairs. Hardware furnished. Finish: black.

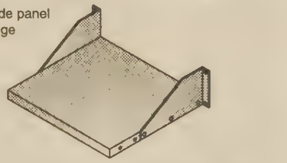


* Fits Cabinet Rack With Panel Space (In.)

MOUSER STOCK NO.	*	Price Each
563-PMR-9448	21.00	48.55
563-PMR-9449	31.50	55.20
563-PMR-9450	42.00	59.85
563-PMR-9451	52.50	66.30
563-PMR-9452	61.25	74.15
563-PMR-9453	70.00	81.10
563-PMR-9454	78.75	86.00

ADJUSTABLE SHELF, OPEN RACK

Relay rack shelves fit 19" wide panel spaces. Shelves are 16 gauge steel and are flanged for added support. Shelves are adjustable for depth within relay rack, and come with all mounting brackets and hardware.



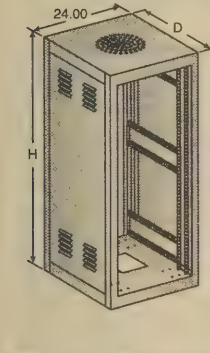
There are two colors available, replace the (__) in the part number with: **MG** for **Metallic Gray** or **BT** for **Black Textured**

MOUSER STOCK NO.	Dimensions (In.)		Price Each
	Width	Depth	
563-SA-1278-__	17.19	16	82.80
563-SA-1279-__	17.19	20	89.20

ECONOMIZER™ CABINET RACKS

High quality, low cost. Available with 19" panel width in both ventilated (side and doors feature ventilating louvers) and non-ventilated versions.

Welded frame has 14-gauge steel vertical rails and 16-gauge steel top and bottom, with uniquely designed, 16-gauge steel rail supports. Furnished complete with removable sides, rear door, and one pair of fully adjustable panel mounting rails. Side panels are 20-gauge steel, and removable from outside for easy access. Panel mounting rails are 12-gauge steel. Bottom is pierced for castors with one 9.56" square hole and four 1.11" knockouts for cable access.



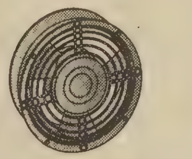
"Shipped Factory Direct"

There are three colors available, replace the (__) in the part number with: **S** for **Sand Textured**, **RB** for **Royal Blue**, or **BT** for **Black Textured**

Ventilated		Non-Ventilated		Dimensions (In.)		Panel Space (P)
MOUSER STOCK NO.	Price Each	MOUSER STOCK NO.	Price Each	H	D	
563-ER-16602-__	634.28	563-ER-16502-__	561.30	47.31	18.50	42.00
563-ER-16603-__	653.63	563-ER-16503-__	617.40	57.81	18.50	52.50
563-ER-16604-__	703.58	563-ER-16504-__	662.78	66.56	18.50	61.25
563-ER-16605-__	742.20	563-ER-16505-__	702.23	75.31	18.50	70.00
563-ER-16606-__	768.15	563-ER-16506-__	732.23	84.06	18.50	78.75
563-ER-16612-__	676.80	563-ER-16512-__	635.48	47.31	25.50	42.00
563-ER-16613-__	703.95	563-ER-16513-__	663.23	57.81	25.50	52.50
563-ER-16614-__	765.08	563-ER-16514-__	725.48	66.56	25.50	61.25
563-ER-16615-__	796.50	563-ER-16515-__	725.48	75.31	25.50	70.00
563-ER-16616-__	839.93	563-ER-16516-__	801.68	84.06	25.50	78.75
563-ER-16622-__	716.85	563-ER-16522-__	663.45	47.31	30.75	42.00
563-ER-16623-__	747.60	563-ER-16523-__	694.20	57.81	30.75	52.50
563-ER-16624-__	828.30	563-ER-16524-__	774.83	66.56	30.75	61.25
563-ER-16625-__	847.73	563-ER-16525-__	794.25	75.31	30.75	70.00
563-ER-16626-__	921.38	563-ER-16526-__	865.58	84.06	30.75	78.75

10" EXHAUST FAN

Fan mounts in the top of ventilated Economizer racks. Supplied with finger guard and all mounting hardware. 36" power cord supplied. UL/CSA rated with 535 CFM air flow.



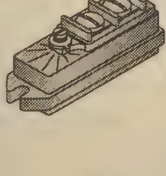
563-FN-1282	119.20

TEM-STAT TEMPERATURE CONTROLS

Prevent shut-downs caused by over-heating of electronic or electrical equipment in enclosures. Units react quickly to gradual or sudden temperature changes. UL and CSA listed.

Temperature range: 80°F - 170°F, accuracy: ±8°F

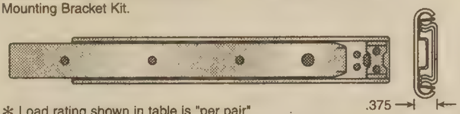
Cycles	Full Load Amps	Locked Rotor Amps	Pilot Duty VA	Volts
6,000	5.0	35.0	- - -	12VDC
30,000	6.0	36.0	- - -	120VAC
30,000	3.0	18.0	- - -	240VAC
100,000	4.0	24.0	125	120VAC
100,000	2.0	12.0	125	240VAC



MOUSER STOCK NO.	Contacts Normally	Contacts On Temp. Rise	Price Each
563-TS-15	Open	Closed	23.70
563-TS-22	Closed	Open	23.70

SLIDING MECHANISMS Two-Piece Slide

Has stationary delrin guides for stabilization in closed position. .75" extension, front disconnect, positive stop. Max. chassis width is 2" less than rack panel width, when used with 563-BAS-5106 Slide Mounting Bracket Kit.

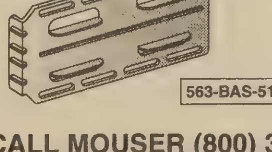


* Load rating shown in table is "per pair"

MOUSER STOCK NO.	Slide Length (In.)	Travel (In.)	*Load Rating (Lbs.)	Price Each
563-AS-5000-A	12	8	140	25.47
563-AS-5001-A	16	12	120	33.48
563-AS-5002-A	20	15	92	35.07
563-AS-5004-A	26	19	70	38.74

SLIDE MOUNTING BRACKET KIT

Recommended for two-piece slides subject to maximum chassis width as shown above. It is easier to assemble. Allows slides to be mounted to panel mounting surface or accessory flange of panel mounting rails.

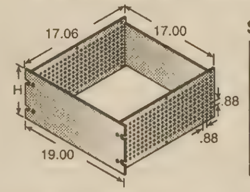


563-BAS-5106	$ 30.20

RAK-MOUNT CHASSIS

Side panel mounting holes are punched on .88" grid to allow total flexibility in mounting of components. Rear panel is fully adjustable from front to rear. Standard 19" front panels feature "Surface Shield" protection which provides surface for laying out drilling and punching positions. Natural finish

- Front panel: .13" thick mill finish alum. with "Surface Shield" protection.
- Side and rear panels: .090" aluminum
- Shipped unassembled with all necessary assembly hardware



Standard Chassis

MOUSER STOCK NO.	H (In.)	Price Each
563-RM-14212	5.25	54.10
563-RM-14213	7.00	61.95
563-RM-14214	8.75	74.40
563-RM-14215	10.50	87.85

Internal Chassis

.090" aluminum, natural finish. Can be mounted vertically or horizontally.

MOUSER STOCK NO.	* (In.)	Price Each
563-C-14242	5.25	18.20
563-C-14243	7.00	21.20
563-C-14244	8.75	24.30
563-C-14245	10.50	27.30

Handles

Chrome plated steel

MOUSER STOCK NO.	* (In.)	Price Each
563-H-9160-B	5.25	10.30
563-H-9111-B	7.00	6.40
563-H-9112-B	8.75	7.80
563-H-9113-B	10.50	10.60

* To be used with Standard Chassis with this Height (H) dimension.

Tops and Slides

Solid top or bottom cover: .050" aluminum, natural finish. Can also be used on bottom as full depth chassis for mounting components.

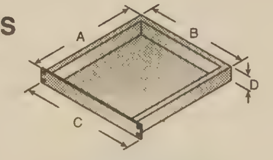
Ventilated top or bottom cover: .050" aluminum, natural finish, .13" x .75" slots for max. ventilation.

Slides: two piece slide, 20" long with 15" travel. Supplied in pairs. Order mounting brackets separately. Requires two pairs of panel mounting rails.

MOUSER STOCK NO.	Description	Price Each
563-TBC-14252	Solid top	29.60
563-TBC-14262	Ventilated top	33.10
563-AS-5002-A	Slides (pair)	45.70

SMALL RACK MOUNT CHASSIS

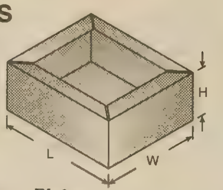
Eight sizes, two depths and widths. Adaptable for slide mounting.



MOUSER STOCK NO.	Dimensions (In.)				Price Each
	A	B	C	D	
563-CH-14401	8	17	19	1.75	41.60
563-CH-14402	16	17	19	1.75	60.00
563-CH-14403	8	17	19	3.187	61.40
563-CH-14404	16	17	19	3.187	78.80

ALUMINUM CHASSIS AND ACCESSORIES

A wide selection of aluminum chassis. Each is welded at stress points for assured, maximum strength and rigidity. Sides folded in at bottom for additional support. Bottom plate easily attached. Natural finish.



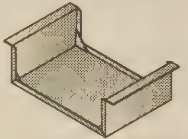
Aluminum Chassis

MOUSER STOCK NO.	Dimensions (In.) W	Dimensions (In.) L	Dimensions (In.) H	Price Each
563-AC-1404	4.0	5.0	2.0	10.00
563-AC-1405	4.0	6.0	1.5	8.90
563-AC-430	4.0	6.0	3.0	11.20
563-AC-431	4.0	6.0	2.0	9.10
563-AC-402	5.0	7.0	2.0	9.90
563-AC-429	5.0	7.0	3.0	12.70
563-AC-403	5.0	9.5	2.0	12.00
563-AC-421	5.0	9.5	3.0	15.10
563-AC-404	5.0	10.0	3.0	15.20
563-AC-1413	6.0	8.0	2.0	11.30
563-AC-405	7.0	7.0	2.0	10.40
563-AC-406	7.0	9.0	2.0	12.50
563-AC-407	7.0	11.0	2.0	14.50
563-AC-408	7.0	12.0	3.0	19.20
563-AC-409	7.0	13.0	2.0	15.80
563-AC-411	7.0	15.0	3.0	25.00
563-AC-1418	8.0	10.0	2.5	18.30
563-AC-1419	8.0	12.0	2.5	22.70
563-AC-424	8.0	12.0	3.0	23.00
563-AC-412	8.0	17.0	3.0	26.00
563-AC-413	10.0	12.0	3.0	29.20
563-AC-414	10.0	14.0	3.0	29.70
563-AC-415	10.0	17.0	2.0	26.50
563-AC-416	10.0	17.0	3.0	31.00
563-AC-427	10.0	17.0	4.0	44.70
563-AC-1422	10.0	17.0	5.0	52.10
563-AC-418	12.0	17.0	3.0	32.80
563-AC-419	13.0	17.0	2.0	33.50
563-AC-420	13.0	17.0	3.0	38.70
563-AC-428	13.0	17.0	4.0	47.00
563-AC-1426	13.0	17.0	5.0	60.00
563-AC-1427	14.0	17.0	3.0	43.70
563-AC-1428	15.0	17.0	4.0	59.30
563-AC-1429	15.0	17.0	6.0	84.00
563-AC-1430	17.0	17.0	3.0	50.90
563-AC-1431	17.0	17.0	4.0	59.60

Chassis Bottom Plates

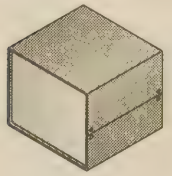
MOUSER STOCK NO.	Width	Length	Price Each
563-BPA-1504	4.0	5.0	3.90
563-BPA-1505	4.0	6.0	4.60
563-BPA-1589	5.0	7.0	4.50
563-BPA-1591	5.0	10.0	4.50
563-BPA-1513	6.0	8.0	6.50
563-BPA-1592	7.0	7.0	4.50
563-BPA-1593	7.0	9.0	5.50
563-BPA-1594	7.0	11.0	5.70
563-BPA-1595	7.0	12.0	6.30
563-BPA-1596	7.0	13.0	7.50
563-BPA-1516	7.0	15.0	8.20
563-BPA-1518	8.0	10.0	8.00
563-BPA-1519	8.0	12.0	9.70
563-BPA-1520	8.0	17.0	10.00
563-BPA-1523	10.0	12.0	9.70
563-BPA-1524	10.0	14.0	9.70
563-BPA-1597	10.0	17.0	10.30
563-BPA-1528	12.0	17.0	13.90
563-BPA-1598	13.0	17.0	14.30
563-BPA-1529	14.0	17.0	14.70
563-BPA-1530	15.0	17.0	18.40
563-BPA-1531	17.0	17.0	20.40

Aluminum Panel Chassis

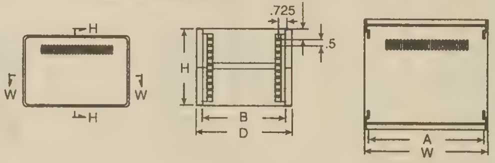


MOUSER STOCK NO.	Height (In.)	Price Each
563-CB-1370	1.75	22.60
563-CB-1371	3.50	23.90
563-CB-1372	5.25	29.70

CHAMPION SERIES



DIMENSIONS (IN.)



- Top, bottom, front, and rear panels, .050" aluminum
- Ventilation slots in bottom and rear panel
- Easily assembled with eight self-threading screws
- No screws on front or rear panels
- Designed to allow for maximum interior space
- Removable top and bottom provide easy access to components
- Four self-adhesive rubber feet provided

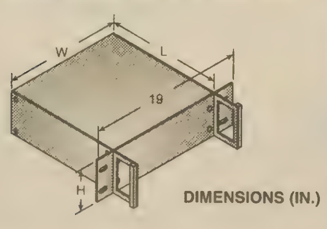
There are two colors available, replace the (__) in the part number with: **S** for **Sand Textured** or **BT** for **Black Textured**

MOUSER STOCK NO.	Outside Dim. (In.) H	Outside Dim. (In.) W	Outside Dim. (In.) D	Inside Dim. (In.) A	Inside Dim. (In.) B	Price Each
563-CS-11202-__	4	6	6	5.38	5.13	56.40
563-CS-11206-__	4	12	8	11.38	7.13	66.50
563-CS-11208-__	6	9	8	8.38	7.13	70.60
563-CS-11210-__	6	12	8	11.38	7.13	71.80
563-CS-11212-__	6	12	10	11.38	9.13	77.30
563-CS-11214-__	8	9	8	8.38	7.13	75.40
563-CS-11216-__	8	12	10	11.38	9.13	84.60

VALUE/LINE SERIES

This Bud series has, for years, been one of the most requested by industry. It's well styled, it's quality constructed, it's economical, and it's versatile — can be used independently or in a standard E.I.A. 19" cabinet.

- Side and front panel, .090" aluminum
- Base, rear, and top, .050" aluminum
- Handles, aluminum extrusions
- Sides, white textured, rear and top smooth white
- Two detachable 11 gauge steel rack mounting brackets and rubber feet included
- Adhesive-backed paper protects panels and provides surface for laying out position for drilling or punching



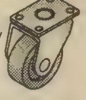
DIMENSIONS (IN.)

MOUSER STOCK NO.	Dimensions (In.) L	Dimensions (In.) W	Dimensions (In.) H	Price Each
563-HC-14101	13	17.00	3.50	157.70
563-HC-14102	13	12.75	5.25	162.25
563-HC-14103	13	17.00	5.25	162.60
563-HC-14104	13	17.00	7.00	170.70
563-HC-14105	13	17.00	8.75	178.85
563-HC-14107	15	17.00	10.50	200.05
563-HC-14108	15	17.00	12.25	223.85
563-HC-14109	15	17.00	14.00	235.95

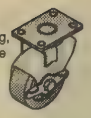
CASTERS

Casters are priced, sold, and packaged as pairs with all necessary mounting hardware included.

Extra-Heavy Duty



Ball-Bearing, Swivel Type



Extra-Heavy Duty

For Series 60 and Economizer cabinet racks. Ball-bearing wheels made of hard tread composition. Height: 3.25".

MOUSER STOCK NO.	Load Rating	Weight	Price Per Pair
563-RC-7758	200 lbs.	18 oz.	27.80

Ball-Bearing, Swivel Type

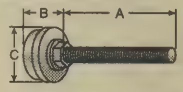
Wheels hard tread rubber 4" in diameter x 1.25" wide. Available with or without side brake and come with formed 12-gauge adapter mounting brackets. Mount in all cabinet racks which currently accept 563-RC-7758 casters. Increase overall height of cabinet by approximately 4".

MOUSER STOCK NO.	Load Rating	Weight	Price Per Pair
With Locking Brake			
563-RC-7761	240 lbs.	3.5 lbs	65.40
Without Locking Brake			
563-RC-7762	240 lbs.	3.5 lbs	56.60

CAP AND STEM

MOUSER STOCK NO.	Dimensions (In.) A	Dimensions (In.) B	Dimensions (In.) C	Price Each
563-RL-7767	3	.75	1.63	4.00
563-RL-7771	2	.75	1.63	3.10

Nickel plated steel. 3/8-16 thread. 563-RL-7766, rubber base. 563-RL-7767 nylon base. 563-RL-7771 rubber base. 563-RL-7766 and 563-RL-7767 furnished with 2 height adjusting nuts.



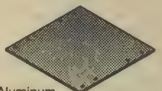
LEVELERS KIT

MOUSER STOCK NO.	Description	Price Each
563-RL-7770	Consists of two levelers and mounting brackets, use w/economizer	40.00

STANDARD PANELS

For cabinets, racks, relay racks, and small enclosures, where applicable. 19 x 19 x 1/8 inch.

Surface Shield



Standard Aluminum Panel

Surface Shield

Mill finish aluminum alloy panels. White, pressure-sensitive paper on one side protects and provides surface for laying out drilling or punching position

MOUSER STOCK NO.	H (In.)	Price Each
563-SFA-1831	1.75	9.50
563-SFA-1832	3.50	13.90
563-SFA-1833	5.25	17.80
563-SFA-1834	7.00	22.80
563-SFA-1835	8.75	25.00
563-SFA-1836	10.50	32.40
563-SFA-1837	12.25	37.50
563-SFA-1838	14.00	42.40
563-SFA-1839	15.75	47.80
563-SFA-1840	17.50	52.60
563-SFA-1841	19.25	58.40
563-SFA-1842	21.00	63.90

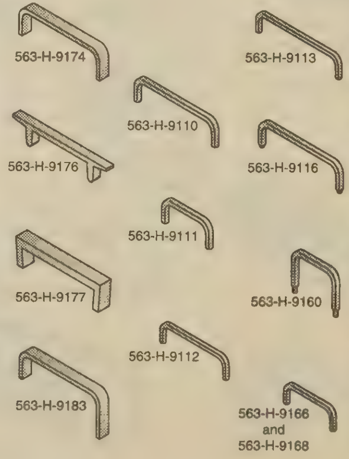
Standard Aluminum Panels

There are two colors available, replace the (__) in the part number with: **WH** for **White** or **MG** for **Metallic Gray**

MOUSER STOCK NO.	H (In.)	Price Each
563-PA-1101-__	1.75	10.30
563-PA-1102-__	3.50	14.40
563-PA-1103-__	5.25	19.70
563-PA-1104-__	7.00	24.50
563-PA-1105-__	8.75	29.70
563-PA-1106-__	10.50	37.70
563-PA-1107-__	12.25	41.40
563-PA-1108-__	14.00	46.10
563-PA-1109-__	15.75	51.20
563-PA-1110-__	17.50	56.30
563-PA-1111-__	19.25	60.80
563-PA-1112-__	21.00	68.80

HANDLES

Styled for all types of applications, designed for long wear; quality construction equals that of high priced counterparts.



Clear Anodized Aluminum

Hardware: (2) 8-32 x 3/8" screws.

MOUSER STOCK NO.	Mounting Centers (In.)	Hand Clearance (In.)	Price Each
563-H-9174-B	4.00	1.09	10.80
563-H-9176-B	3.25	.75	13.60
563-H-9177-B	4.38	.75	16.70
563-H-9183-B	4.56	1.09	23.90

Chrome Plated .38" Diameter Steel

Mounting Hardware: (2) 10-32 x 3/8" screws.

563-H-9110-B	6.00	1.25	8.30
563-H-9111-B	4.00	.94	6.40
563-H-9112-B	6.00	.94	7.80
563-H-9113-B	8.00	.94	10.60

Chrome Plated .38" Diameter Steel

Mounting Hardware: (2) 1/4"-28 hex nuts.

563-H-9116-B	6.00	.94	11.20
563-H-9160-B	3.50	1.69	12.40

Chrome Plated .25" Diameter Brass

Mounting Hardware: (2) 6-32 x 1/2" screws.

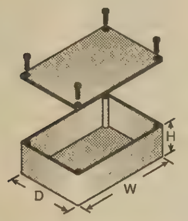
563-H-9166-B	1.91	1.00	6.00
563-H-9168-B	3.00	1.00	5.70

Cases and Cabinets

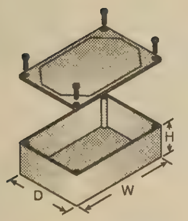
UTILIBOX, STYLES "A" AND "G"

Utiliboxes Illustrated Without Mounting Brackets

A



B



Style "A", Version "1"

ABS Plastic with flammability rating of 94V-5VA and suggested service temparature of -20°C to +70°C. Comes with close fitting interlocking lid and assembly hardware. Finish black.

Textured finish.

MOUSER STOCK NO.	Fig.	Dimensions (In.) D	W	H	Price Each
With Molded-in Mounting Brackets					
563-CU-3281-MB	A	3.1	4.6	1.7	9.90
563-CU-3282-MB	A	4.6	4.6	2.2	10.50
563-CU-3283-MB	A	4.6	6.1	2.2	11.20
563-CU-3284-MB	A	4.4	7.6	2.2	13.70
Without Mounting Brackets					
563-CU-3281	A	3.1	4.6	1.7	7.20
563-CU-3282	A	4.6	4.6	2.2	7.60
563-CU-3283	A	4.6	6.1	2.2	9.20
563-CU-3284	A	4.4	7.6	2.2	10.60

Style "A", Version "2"

Textured finish, .10" recessed area in lid.

MOUSER STOCK NO.	Fig.	Dimensions (In.) D	W	H	Price Each
With Molded-in Mounting Brackets					
563-CUR-3281-MB	B	3.1	4.6	1.7	9.90
563-CUR-3282-MB	B	4.6	4.6	2.2	10.50
563-CUR-3283-MB	B	4.6	6.1	2.2	11.20
563-CUR-3284-MB	B	4.4	7.6	2.2	13.70
Without Mounting Brackets					
563-CUR-3281	B	3.1	4.6	1.7	7.20
563-CUR-3282	B	4.6	4.6	2.2	7.60
563-CUR-3283	B	4.6	6.1	2.2	9.20
563-CUR-3284	B	4.4	7.6	2.2	10.60

Style "G"

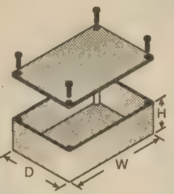
ABS plastic with 94V-O flammability rating. Suggested service temperature of -20°C to +70°C. Comes with close fitting interlocking lid and assembly hardware. Horizontal PCB mounting bosses.

Textured finish, lid includes corner flange for optional bonding.

MOUSER STOCK NO.	Fig.	Dimensions (In.) D	W	H	Price Each
Without Mounting Brackets					
563-CU-387	A	4.34	5.59	1.75	7.20
563-CU-388	A	3.06	4.31	1.37	5.80
563-CU-389	A	3.57	5.07	1.50	6.70

UTILIBOX, STYLE "D"

High impact polystyrene. Comes with close-fitting interlocking lid and assembly hardware. Provisions for mounting horizontal PCB. Finish is black. Comes with or without molded-in mounting brackets

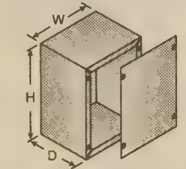


Illustrated Without Mounting Brackets

MOUSER STOCK NO.	Dimensions (In.) D	W	H	Weight (oz.)	Price Each
With Mounting Brackets					
563-CU741MB	1.51	2.26	.785	1.00	2.80
563-CU742MB	3.00	2.50	1.00	2.00	6.50
563-CU743MB	5.00	2.50	1.00	2.50	7.10
563-CU744MB	3.00	2.50	1.60	2.50	6.80
563-CU745MB	5.00	2.50	1.60	3.50	7.50
Without Mounting Brackets					
563-CU741	1.51	2.26	.785	1.00	2.80
563-CU742	3.00	2.50	1.00	2.00	6.40
563-CU743	5.00	2.50	1.00	2.50	7.50
563-CU744	3.00	2.50	1.60	2.50	7.60
563-CU745	5.00	2.50	1.60	3.50	7.50

UTILITY CABINETS

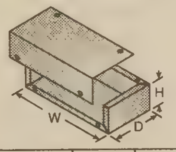
Available in 20 gauge steel or .040 aluminum. Sturdy, all-riveted body. Removable front and back panels.



MOUSER STOCK NO.	Dimensions (In.) D	W	H	Weight (lbs.)	Price Each
20 Gauge Steel, Metallic Gray Finish					
563-CU883	2.00	4.00	4.00	.75	12.80
563-CU728	3.00	5.00	4.00	1.00	12.40
563-CU729	4.00	6.00	5.00	1.75	15.80
563-CU1098	6.00	6.00	6.00	2.25	25.40
563-CU1099	5.00	6.00	9.00	3.00	27.50
563-CU879	7.00	8.00	10.00	3.25	41.60
563-CU1124	6.00	7.00	12.00	5.00	41.40
563-CU880	8.00	10.00	10.00	6.25	53.60
563-CU881	8.00	11.00	12.00	8.50	64.00
563-CU882	7.00	9.00	15.00	8.25	59.10
.040 Aluminum Alloy, Natural Finish					
563-AU1083NF	2.00	4.00	4.00	.25	10.20
563-AU1028NF	3.00	5.00	4.00	.50	12.10
563-AU1029NF	4.00	6.00	5.00	.75	14.10
563-AU1039NF	6.00	6.00	6.00	1.00	20.60
563-AU1040NF	5.00	6.00	9.00	1.50	22.40
.040 Aluminum Alloy, Metallic Gray Finish					
563-AU1083MG	2.00	4.00	4.00	.25	14.30
563-AU1028MG	3.00	5.00	4.00	.50	17.10
563-AU1029MG	4.00	6.00	5.00	.75	20.00
563-AU1039MG	6.00	6.00	6.00	1.00	29.90
563-AU1040MG	5.00	6.00	9.00	1.50	32.10

CONVERTA BOXES

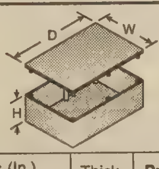
.050 aluminum. Welded base and two-sided cover attached with self-tapping screws. Components or controls can be mounted to any surface. Natural finish.



MOUSER STOCK NO.	Dimensions (In.) D	W	H	Weight (lbs.)	Price Each
563-CU341A	3.00	4.00	1.50	.50	11.70
563-CU452A	4.00	5.00	2.00	.75	12.70
563-CU482A	4.00	8.00	2.00	1.25	14.40
563-CU592A	5.00	9.50	2.50	1.75	15.80
563-CU622A	6.00	12.00	2.50	2.25	20.80
563-CU712A	7.00	15.00	2.50	3.00	28.60

ECONOBOX

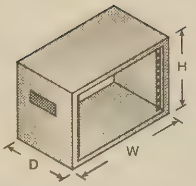
Five box sizes, each with close fitting flanged lids fastened to bosses in the body with screws. This plus the thickness of the aluminum alloy (380), offers excellent screening properties.



MOUSER STOCK NO.	Dimensions (In.) D	W	H	Thick-ness	Price Each
563-CU-123	3.63	1.50	1.06	.06	6.90
563-CU-124	4.38	2.38	1.06	.06	7.20
563-CU-234	4.69	3.69	2.06	.09	11.60
563-CU-247	7.39	4.70	2.06	.09	19.60
563-CU-347	7.39	4.70	3.06	.09	23.00

ECONOCAB

Stationary panel mounting rails accepts standard 19 inch wide panels. Available in 5 panel space heights. Snap-in handles, feet and all panel mounting hardware are included.

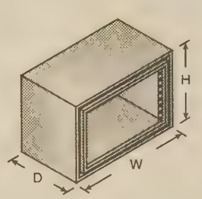


There are two colors available, replace the (__) in the part number with: **BT** for **Black Texture** or **S** for **Sand Texture**

MOUSER STOCK NO.	Dimensions (In.) D	W	H	Panel Space	Price Each
563-EC-9902__	15.50	21.06	9.06	7.00	138.35
563-EC-9903__	15.50	21.06	10.81	8.75	141.05
563-EC-9904__	15.50	21.06	12.56	10.50	144.55
563-EC-9905__	15.50	21.06	14.31	12.25	152.05
563-EC-9906__	15.50	21.06	16.06	14.00	156.75

THE STYLIST

Heavy load-bearing cabinets. 16 gauge steel. Rear is fitted with louvered panel. Accepts 19 inch panels.

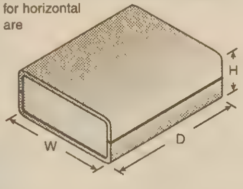


There are two colors available, replace the (__) in the part number with: **GT** for **Gray Texture** or **RB** for **Royal Blue Texture**

MOUSER STOCK NO.	Dimensions (In.) D	W	H	Panel Space	Price Each
563-S-1639__	15.25	20.81	7.06	5.25	191.55
563-S-1640__	15.25	20.81	8.81	7.00	199.35
563-S-1641__	15.25	20.81	10.56	8.75	211.20
563-S-1642__	15.25	20.81	12.31	10.50	217.60
563-S-1643__	15.25	20.81	14.06	12.25	231.50
563-S-1644__	15.25	20.81	15.81	14.00	237.30
563-S-1645__	15.25	20.81	17.56	15.75	249.60

PI SERIES

Molded enclosures suited for instrumentation and telecommunications equipment. Two part design with tongue and groove joint between top and bottom covers. Internal guide slots provided for vertical mounting of PCBs. Internal bosses provided for horizontal mounting of PCBs. Four screws are countersunk in the bottom cover and thread into internal bosses which secure the top cover and end panels.

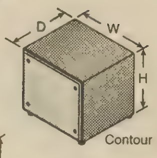


MOUSER STOCK NO.	Dimensions (In.) D	W	H	Aprox. Weight (oz.)	Price Each
UL94V-0 ABS					
563-PI-1900	3.54	1.97	.63	1.75	2.90
563-PI-1901	3.54	1.97	.94	1.75	3.20
563-PI-1902	3.54	1.97	1.26	2.25	3.30
563-PI-1903	4.72	2.36	1.18	2.75	5.20
563-PI-1904	4.72	2.36	1.57	3.25	5.90
563-PI-1905	4.72	2.36	1.97	4.00	7.00
563-PI-1906	5.91	3.15	1.18	4.50	7.50
563-PI-1907	5.91	3.15	1.77	5.25	8.90
563-PI-1908	5.91	3.15	2.36	5.50	10.30
563-PI-1909	7.48	3.94	1.57	7.00	11.90
563-PI-1910	7.48	3.94	2.36	9.50	13.10
563-PI-1911	7.48	3.94	3.15	10.50	14.90
High Impact Plastic					
563-PI-1900-LG	3.54	1.97	.63	1.75	2.60
563-PI-1901-LG	3.54	1.97	.94	1.75	2.90
563-PI-1902-LG	3.54	1.97	1.26	2.25	3.00
563-PI-1903-LG	4.72	2.36	1.18	2.75	4.70
563-PI-1904-LG	4.72	2.36	1.57	3.25	5.70
563-PI-1905-LG	4.72	2.36	1.97	4.00	6.30
563-PI-1906-LG	5.91	3.15	1.18	4.50	6.70
563-PI-1907-LG	5.91	3.15	1.77	5.25	7.90
563-PI-1908-LG	5.91	3.15	2.36	5.50	9.00
563-PI-1909-LG	7.48	3.94	1.57	7.00	10.10
563-PI-1910-LG	7.48	3.94	2.36	9.50	11.40
563-PI-1911-LG	7.48	3.94	3.15	10.50	13.10

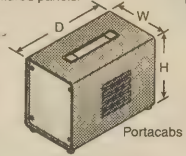
SMALL CABINETS

Contour Utility

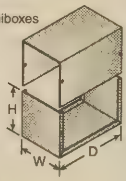
20 gauge steel. Louvered rear panel. Rubber feet furnished. Removable flanged panels have rounded corners and edges to preserve the contoured styling of the highly versatile cabinet. Gray textured body with white textured panels.



Contour Utility



Portacabs



Miniboxes

MOUSER STOCK NO.	Dimensions (In.)			Price Each
	D	W	H	
563-CU-463	3.75	6.25	4.25	35.80
563-CU-465	5.75	6.25	4.25	42.60
563-CU-585	5.75	8.25	5.25	44.80
563-CU-587	7.75	8.25	5.25	49.10
563-CU-7125	5.75	12.25	7.25	50.90
563-CU-7127	7.75	12.25	7.25	54.90

Portacabs

.050" aluminum. Front panel recessed 1/2" and fits contour of cabinet. Louvered sides. Welded back has opening. Four plastic feet furnished. Designed for bench or portable use. Light weight, yet strong. Reinforced flexible metal handle recessed to permit stacking. Finish: metallic gray.

MOUSER STOCK NO.	Dimensions (In.)			Recommended Bud Chassis	Panel Space (In.)	Rear Opening (In.)	Louvers Per Side	Price Each
	D	W	H					
563-WA-1540	8	6.13	8	563-AC-402	5.92 x 7.80	2 x 4.50	1 set	59.25
563-WA-1541	12	8.13	9	563-AC-407	7.92 x 8.80	2 x 6.50	2 sets	81.75
563-WA-1542	8	10.13	8	563-AC-406	9.92 x 7.80	2 x 8.50	1 set	69.60
563-WA-1543	18	11.13	11	563-AC-416	10.92 x 10.80	2 x 9.50	3 sets	111.55
563-WA-1544	18	14.13	12	563-AC-412	13.92 x 11.80	2 x 12.50	3 sets	135.65

Miniboxes

.040" aluminum alloy. Two sections slip together and may be joined by either built-in snap lock or sheet metal screws (included). Flanged sections assure proper shielding. Units can be used as separate housings or as part of larger assemblies. Finish: Natural or Smooth Gray.

Smooth Gray Finish Miniboxes

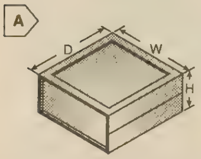
MOUSER STOCK NO.	Dimensions (In.)			Price Each
	D	W	H	
563-CU-2100B	2.75	2.13	1.63	4.60
563-CU-2101B	3.25	2.13	1.63	4.70
563-CU-2102B	4.00	2.13	1.63	4.90
563-CU-2103B	4.00	2.25	2.25	5.00
563-CU-2104B	5.00	2.25	2.25	5.70
563-CU-2105B	5.00	4.00	3.00	7.40
563-CU-2106B	5.25	3.00	2.13	6.00
563-CU-2107B	6.00	5.00	4.00	10.40
563-CU-2108B	7.00	5.00	3.00	10.10
* 563-CU-2109B	8.00	6.00	3.50	20.30
* 563-CU-2110B	10.00	6.00	3.50	21.50
* 563-CU-2111B	12.00	7.00	4.00	28.40

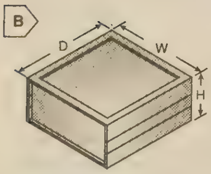
Natural Finish Miniboxes

MOUSER STOCK NO.	Dimensions (In.)			Price Each
	D	W	H	
563-CU-3000A	2.75	2.13	1.63	3.00
563-CU-3001A	3.25	2.13	1.63	3.40
563-CU-3002A	4.00	2.13	1.63	3.70
563-CU-3003A	4.00	2.25	2.25	4.00
563-CU-3004A	5.00	2.25	2.25	4.80
563-CU-3005A	5.00	4.00	3.00	6.10
563-CU-3006A	5.25	3.00	2.13	4.90
563-CU-3007A	6.00	5.00	4.00	8.70
563-CU-3008A	7.00	5.00	3.00	7.80
* 563-CU-3009A	8.00	6.00	3.50	12.30
* 563-CU-3010A	10.00	6.00	3.50	15.50
* 563-CU-3011A	12.00	7.00	4.00	19.60

* These items are provided with a removable, white, pressure sensitive, paper that protects the finish and provides a surface for laying out drilling and punching positions.

PLASTICASE™ AND ACCESSORIES





- Impact resistant polystyrene
- Molded-in card guides and mounting bosses
- Comes complete with stainless steel screws and rubber feet
- Finish: double-textured PC bone gray

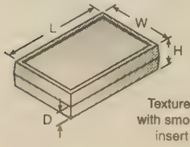
Plasticase™

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Panel Size (In.) (.094 Thick) Height x Width	Price Each
		D	W	H		
563-PC-11402	A	5.30	5.08	1.53	1.31 x 4.75	13.30
563-PC-11403	A	5.30	7.06	1.53	1.31 x 6.73	16.40
563-PC-11404	A	9.62	6.33	1.55	1.33 x 5.99	19.60
563-PC-11406	A	6.32	6.12	2.52	2.31 x 5.75	17.00
563-PC-11408	A	6.32	8.10	2.52	2.31 x 7.75	20.40
563-PC-11410	B	6.32	6.12	3.30	3.09 x 5.75	21.00
563-PC-11412	B	6.32	8.10	3.30	3.09 x 7.75	24.30
563-PC-11414	B	6.32	6.12	4.04	3.83 x 5.75	22.10
563-PC-11416	B	6.32	8.10	4.04	3.83 x 7.75	25.80
563-PC-11418	B	5.30	5.08	2.06	1.84 x 4.75	15.30
563-PC-11420	B	5.30	7.06	2.06	1.84 x 6.73	18.20

PLASTIBOX™

There are two colors available, replace the (__) in the part number with: G for **Gray** or B for **Black**

PS: textured body with smooth top insert for silk screening capability
PT: textured body with textured top
PBS: textured body with smooth top insert and 9-volt battery compartment



Textured body with smooth top insert shown

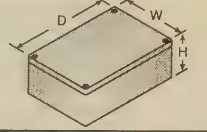
These functional utility enclosures are made from UL rated high-impact plastics with scratch resistant finish. They have squared corners and bosses for mounting horizontal cards.

MOUSER STOCK NO.	Outside Dimensions (In.)				Price Each
	L	W	H	D	
563-PT-11308-__	3.63	2.25	1.50	.69	5.40
563-PBS-11327-__	5.63	3.25	1.50	.69	10.30
563-PT-11372-__	3.63	2.25	2.50	.69	5.70
563-PT-11388-__	5.63	3.25	2.50	.69	9.80
563-PS-11521-__	3.63	2.25	1.00	.69	3.10
563-PT-11557-__	6.89	4.89	2.50	.69	7.20

NEMA 4X SEALED POLYCARBONATE ENCLOSURES

Polycarbonate enclosures meet NEMA 4X specifications and are ideal for use in the electrical and electronic industries. Polycarbonate features good electrical insulation and heat resistance.

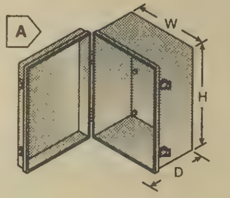
- Designed to IP 65 of I.E.C. 529 and NEMA 4X
- Internal guides for mounting PCB assemblies vertically
- Internal bosses allow mounting of PCBs horizontally
- The polycarbonate material has an operating temperature of -40°C to +100°C
- Light Gray Polycarbonate Body and Cover

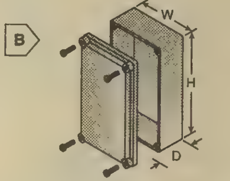


MOUSER STOCK NO.	Dimensions (In.)			Price Each
	D	W	H	
563-PN-1320	2.56	2.28	1.38	7.40
563-PN-1321	4.53	2.56	1.57	10.30
563-PN-1322	4.53	2.56	2.17	11.10
563-PN-1323	4.53	3.54	2.17	12.80
563-PN-1324	6.73	4.76	2.17	17.90
563-PN-1325	8.74	5.75	2.17	23.70
563-PN-1327	6.73	4.76	3.15	19.40

NEMA 4 NON-METALLIC ENCLOSURES

- UL508 type 1, 2, 4, 4x indoor, 12, 13
- NEMA type 1, 2, 4, 4x, 12, 13
- UL94-5V flammability rating
- PN series and clear covers: UL94-V2
- 1 piece foam in place gasket
- Outdoor UV stabilized enclosures are available. Please contact a Mouser Service Representative for details.





NBA Series

- Stainless steel hinges and latches

MOUSER STOCK NO.	Door	Fig.	Dimensions (In.)			Price Each
			D	W	H	
563-NBA-10142	Solid	A	5.9	7.9	11.8	46.90
563-NBA-10162	Clear	A	5.9	7.9	11.8	52.80
563-NBA-10144	Solid	A	7.1	7.9	11.8	55.50
563-NBA-10164	Clear	A	7.1	7.9	11.8	62.50
563-NBA-10148	Solid	A	7.1	11.8	15.8	81.80
563-NBA-10168	Clear	A	7.1	11.8	15.8	92.20

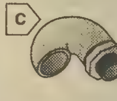
NBB Series

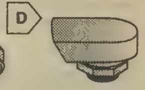
- Non-metallic hinges and latches

563-NBB-10240	Solid	A	3.5	5.9	5.9	17.50
563-NBB-10260	Clear	A	3.5	5.9	5.9	19.10
563-NBB-10243	Solid	A	5.5	7.5	11.4	36.30
563-NBB-10263	Clear	A	5.5	7.5	11.4	39.60
563-NBB-10245	Solid	A	7.1	11.8	11.8	50.10
563-NBB-10265	Clear	A	7.1	11.8	11.8	54.70

NBD Series

- Non-metallic fasteners

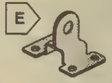


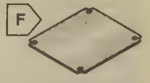


563-NBD-10442	Solid	B	5.1	7.5	11.0	36.90
563-NBD-10462	Clear	B	5.1	7.5	11.0	36.90
563-NBD-10445	Solid	B	7.1	7.5	15.0	55.40
563-NBD-10465	Clear	B	7.1	7.5	15.0	55.40

NBE Series

- Non-metallic hinges and latches
- Aluminum swing-out panel





563-NBE-10543	Solid	A	5.5	7.5	11.4	56.95
563-NBE-10563	Clear	A	5.5	7.5	11.4	56.95

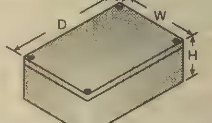
Hardware and Accessories

MOUSER STOCK NO.	Fig.	Size (In.)	Description	Price Each
563-NBX-10910	C	- - -	Air & moisture vent	2.30
563-NBX-10911	D	- - -	Air & moisture vent	2.90
563-NBX-10915	E	- - -	Locking hasp w/ mounting hardware	13.30
563-NBX-10980	F	6.7 x 10.5	16 ga. galvanized steel mounting panel	6.60
563-NBX-10984	F	4.9 x 4.9	16 ga. galvanized steel mounting panel	3.60
563-NBX-10985	F	6.3 x 9.9	16 ga. galvanized steel mounting panel	7.00
563-NBX-10986	F	11.5 x 11.5	16 ga. galvanized steel mounting panel	9.90
563-NBX-10950	- -	M5 x 10mm	Internal use screw except NBB-10240 & 10260, 100pk.	6.10
563-NBX-10951	- -	M4 x 8mm	Internal use screw for NBB-10240 & 10260	6.10
563-NBX-10952	- -	M6 x 10mm	Internal use screw all without inserts	6.10
563-NBX-10953	- -	M5 x 10mm	External use screw except NBB-10240 & 10260	6.10
563-NBX-10954	- -	M4 x 8mm	External use screw for NBB-10240 & 10260	6.10

NEMA 4 SEALED DIE-CAST ALUMINUM ENCLOSURES

Diecast in aluminum alloy and resistant to atmospheric and marine corrosion, these enclosures are ideal for housing sensitive electronic assemblies and pneumatic, hydraulic and electrical devices in both commercial and industrial environments.

- Designed to IP 65 of IEC 529 and NEMA 4
- Cover incorporates a recessed neoprene gasket
- Internal bosses for mounting PCBs horizontally
- Internal guide slots for mounting PCB assemblies vert.



Natural Finish

MOUSER STOCK NO.	Dimensions (In.)			Price Each
	D	W	H	
563-AN-1300	3.54	1.42	1.18	5.80
563-AN-1301	2.52	2.28	1.38	6.00
563-AN-1302	4.53	2.56	1.18	8.70
563-AN-1303	4.53	2.56	2.17	10.60
563-AN-1304	4.53	3.54	2.17	12.40
563-AN-1305	5.83	4.25	2.95	22.20
563-AN-1306	6.73	4.76	2.17	22.60
563-AN-1307	8.82	5.83	2.17	23.80

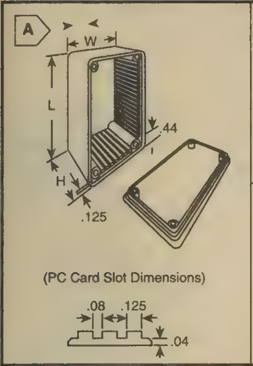
Smooth Gray Finish

MOUSER STOCK NO.	Dimensions (In.)			Price Each
	D	W	H	
563-AN-1300-G	3.54	1.42	1.18	10.10
563-AN-1301-G	2.52	2.28	1.38	10.50
563-AN-1302-G	4.53	2.56	1.18	14.10
563-AN-1303-G	4.53	2.56	2.17	16.50
563-AN-1304-G	4.53	3.54	2.17	19.80
563-AN-1305-G	5.83	4.25	2.95	31.80
563-AN-1306-G	6.73	4.76	2.17	32.20
563-AN-1307-G	8.82	5.83	2.17	34.60

HAMMOND MANUFACTURING™

Cases and Boxes

DIMENSIONS (IN.)

A


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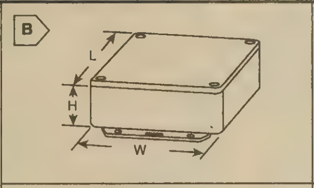

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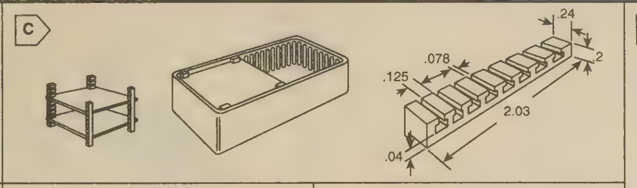

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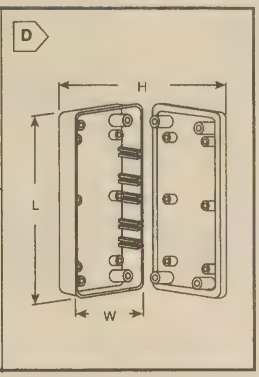

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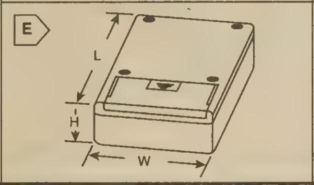

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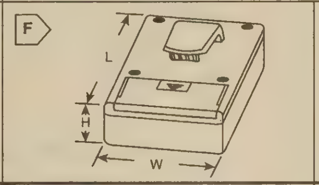

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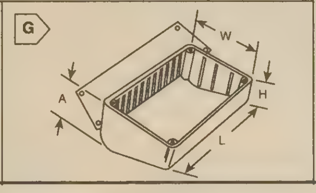


POLYSTYRENE PLASTIC CASES

Features:

- Card guides accept .062" PC cards
- High impact polystyrene plastic
- Color: black
- Countersunk lid is secured with self-tapping #4x1/2" slotted screws
- 546-1591ES-BK has a removable center brace

✻ These models have 6 mounting holes.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1591AS-BK	A	4.00	2.00	1.00	3.08	2.57	2.37	2.20
546-1591BS-BK	A	4.40	2.44	1.20	3.34	2.78	2.57	2.39
546-1591CS-BK	A	4.75	2.56	1.56	3.54	2.95	2.72	2.53
546-1591DS-BK	A	6.00	3.15	2.00	5.26	4.38	4.05	3.76
✻ 546-1591ES-BK	A	7.50	4.33	2.38	6.30	5.25	4.85	4.50
546-1591LS-BK	A	3.35	2.20	1.27	3.32	2.77	2.55	2.37
546-1591GS-BK	A	4.8	3.7	1.36	4.20	3.50	2.23	3.00
✻ 546-1591HS-BK	A	6.5	2.8	1.16	4.18	3.48	3.22	2.99
546-1591SS-BK	A	4.3	3.2	1.76	4.50	3.75	3.46	3.21
546-1591TS-BK	A	4.7	3.2	2.36	4.96	4.13	3.82	3.54
546-1591US-BK	A	4.72	4.72	2.36	5.32	4.43	4.09	3.80
546-1591VS-BK	A	4.7	4.7	3.66	6.36	5.30	4.89	4.54

PLASTIC INSTRUMENT BOXES

Features:

- UL flammability rating of 94V-0
- Continuous use temperature rating of 60°C (140°F)
- Interlocking flanged lid
- Internal slot holds .062" PC cards
- Comes with ABS lid in matching color
- Average wall thickness .062"
- 546-1591E has a removable center brace
- Molded in an improved medium impact ABS thermoplastic with flame retardant properties
- Comes with M3 x .5 x 10mm, phillips machine screws, countersunk lid, and tapped integral brass bushings
- Optional PC card adapters available for horizontal mounting of PC cards
- Also available in blue, gray, and beige. Contact a Mouser Service Representative for details.

Dimensions are outside dimensions **Note: lid adds .156" to overall depth of case**

Color: Blue								
546-1591C-BU	A	4.75	2.56	1.56	5.68	4.73	4.37	4.06
546-1591E-BU	A	7.5	4.33	2.38	10.08	8.40	7.75	7.20
Color: Black								
546-1591A-BK	A	4.0	2.00	1.0	4.94	4.12	3.80	3.53
546-1591B-BK	A	4.4	2.44	1.06	5.34	4.45	4.11	3.81
546-1591C-BK	A	4.75	2.56	1.56	5.68	4.73	4.37	4.06
546-1591D-BK	A	6.0	3.15	2.0	8.40	7.00	6.46	6.00
546-1591E-BK	A	7.5	4.33	2.38	10.08	8.40	7.75	7.20
546-1591G-BK	A	4.75	3.69	1.18	6.72	5.60	5.17	4.80
546-1591H-BK	A	6.52	2.78	.98	6.68	5.57	5.14	4.77
546-1591L-BK	A	3.4	2.20	1.4	5.30	4.42	4.08	3.79
546-1591S-BK	A	4.33	3.23	1.58	7.18	5.98	5.52	5.13
546-1591T-BK	A	4.72	3.15	2.17	7.94	6.62	6.11	5.67
546-1591U-BK	A	4.72	4.72	2.17	8.50	7.08	6.54	6.07
546-1591V-BK	A	4.72	4.72	3.54	10.18	8.48	7.83	7.27

PLASTIC FLANGED INSTRUMENT BOXES

Features:

- ABS flame retardant boxes molded in an improved medium impact black ABS thermoplastic with flame retardant properties
- UL flammability rating of 94V-0 at 1.47mm thickness
- Continuous use temperature rating of 60°C comes with factory installed, chemically welded flange
- M3 x .5 x 10mm Phillips head screws
- Countersunk ABS lid and integral brass bushings, with interlocking lip
- Integral card guides, to accept .062" PC cards, are included

Dimensions are outside dimensions **Note: lid adds .156" to overall depth of case**

546-1591LF-BK	B	3.3	2.2	1.4	5.72	4.77	4.40	4.09
546-1591AF-BK	B	3.9	2.0	0.8	5.36	4.47	4.12	3.83
546-1591BF-BK	B	4.4	2.4	1.1	5.76	4.80	4.43	4.11
546-1591CF-BK	B	4.7	2.6	1.4	6.10	5.08	4.69	4.36
546-1591DF-BK	B	5.9	3.2	1.8	8.86	7.38	6.82	6.33
546-1591EF-BK	B	7.5	4.3	2.2	10.58	8.82	8.14	7.56
546-1591GF-BK	B	4.8	3.7	1.2	7.18	5.98	5.52	5.13
546-1591HF-BK	B	6.5	2.8	1.0	8.78	7.32	6.75	6.27
546-1591SF-BK	B	4.3	3.2	1.6	7.64	6.37	5.88	5.46
546-1591TF-BK	B	4.7	3.2	2.2	8.40	7.00	6.46	6.00
546-1591UF-BK	B	4.7	4.7	2.2	9.00	7.50	6.92	6.43
546-1591VF-BK	B	4.7	4.7	3.5	10.68	8.90	8.22	7.63

PC CARD ADAPTERS

PC adapters allow mounting of PC cards at right angles to the vertical slots molded into Hammond plastic boxes and diecast cases 1590L through 1590R.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Quantity Per Package	Price Per Package	
			1	2
546-1591Z6	C	6	2.40	2.00

HAND HELD CASES

Attractively styled and ergonomically designed for use as a "hand-held" instrument enclosure. Two piece lap joint construction that provides protection from dust accumulation and splashing water. These enclosures also provide an improved surface for EMI/RFI shielding.

Features:

- Two key hole knockouts are molded into the inside of the base to facilitate wall mounting installation
- Countersunk lid is secured with four self tapping head screws
- Six PC card mounting bosses are molded into the top and base to enable horizontal mounting using self tapping screws

High Impact Polystyrene Cases

- Color: gray

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1599BS-GY	D	5.12	2.56	.98	5.24	4.36	4.03	3.74
546-1599ES-GY	D	6.70	3.35	1.38	5.90	4.91	4.53	4.21
546-1599HS-GY	D	8.66	4.33	1.77	6.78	5.65	5.22	4.84

Medium Impact Flame Retardant ABS

- UL flammability rating of 94V-0 @ 1.47 mm thickness and a continuous use temperature rating of 60°C
- Designed to meet IP54
- Color: Black

546-1599B-BK	D	5.12	2.56	.98	6.90	5.75	5.31	4.93
546-1599E-BK	D	6.70	3.35	1.38	8.39	6.99	6.45	5.99
546-1599H-BK	D	8.66	4.33	1.77	10.27	8.56	7.90	7.34

BATTERY DOOR ENCLOSURES

Features:

- Recessed top panel for membrane display or pad
- PC card standoffs and vertical card guides are molded in
- Flame retardant ABS version includes wear resistant brass bushings
- Flame retardant ABS version includes four machine screws (styrene are self tapping)
- Long life battery door with our three snap location door
- High strength nylon clip for belt or pocket available with ABS style
- Clips are installed with nylon screws for electrical insulation and strength

✻ Includes clip

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
Black ABS with Battery Door								
546-1599BBKBAT	E	5.12	2.56	0.97	8.70	7.25	6.69	6.21
✻ 546-1599BBKBATCP	F	5.12	2.56	0.97	10.82	9.01	8.32	7.73
546-1599EBKBAT	E	6.69	3.34	1.33	10.35	8.63	7.96	7.39
Gray ABS with Battery Door								
546-1599BGYBAT	E	5.12	2.56	0.97	8.70	7.25	6.69	6.21
✻ 546-1599BGYBATCP	F	5.12	2.56	0.97	10.82	9.01	8.32	7.73
546-1599EGYBAT	E	6.69	3.34	1.33	10.35	8.63	7.96	7.39
Gray Styrene with Battery Door								
546-1599BSGYBAT	E	5.12	2.56	0.97	6.65	5.54	5.11	4.75
546-1599ESGYBAT	E	6.69	3.34	1.33	7.68	6.40	5.91	5.49

DESKTOP CONSOLES

Features:

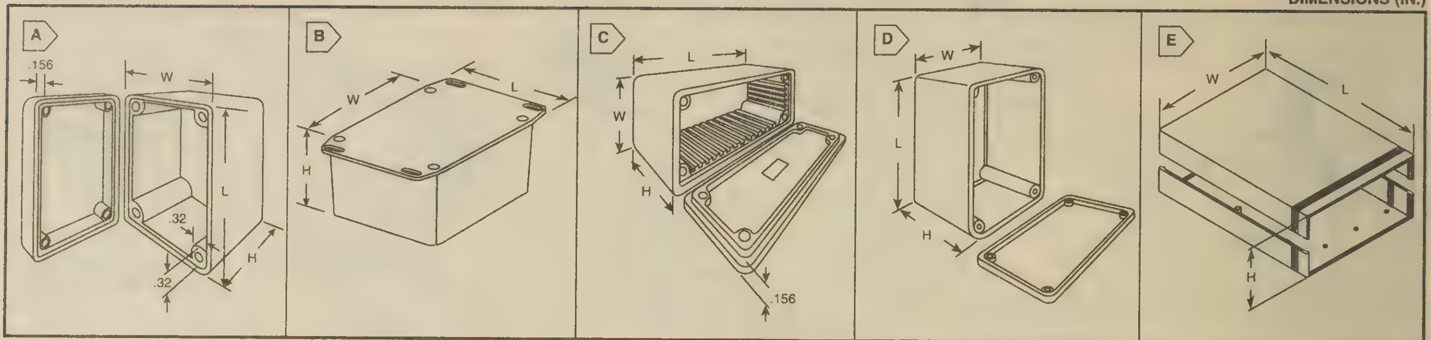
- Four slot head screws threaded into integral brass bushings hold recessed panel
- Internal slots: .04" deep x .07" wide for 0.062" PC cards
- 4 self adhesive rubber feet
- .20" dia. stand-off bosses in base
- ABS plastic case
- 0.04" thick gray painted aluminum panel

Plastic Cases

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Color	Price Each			
		L	W	H	A		1	10	100	250
546-1595C-BU	G	6.3	3.8	1.54	2.3	Blue	10.05	8.38	7.50	6.70
546-1595C-BK	G	6.3	3.8	1.54	2.3	Black	10.05	8.38	7.50	6.70
546-1595E-BU	G	8.5	5.1	1.85	2.9	Blue	12.45	10.38	9.29	8.30
546-1595E-BK	G	8.5	5.1	1.85	2.9	Black	12.45	10.38	9.29	8.30

HAMMOND MANUFACTURING™ Boxes, Cases, and Enclosures

DIMENSIONS (IN.)



DIECAST ALUMINUM ALLOY BOXES

Features:

- Drilled and tapped with lid and four 6-32 x 1/2 countersunk phillips head screws
- Interlocking flanged lid provides complete RF shielding
- Colors: unfinished or black textured baked enamel
- Also available in blue, gray, and beige textured finish. Contact a Mouser Service Representative for details.
- Average wall thickness 2mm (.079")

Dimensions are outside dimensions

Note: lid adds .156" to overall depth of case

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
Color: Unfinished								
546-1590A	A	3.6	1.5	1.1	7.00	5.83	5.38	5.00
546-1590B	A	4.4	2.4	1.1	8.00	6.67	6.15	5.71
546-1590BB	A	4.7	3.7	1.2	10.40	8.67	8.00	7.43
546-1590C	A	4.7	3.7	2.1	11.70	9.75	9.00	8.36
546-1590D	A	7.4	4.7	2.2	19.16	15.97	14.74	13.69
546-1590E	A	7.4	4.7	3.2	20.50	17.08	15.77	14.64
546-1590F	A	7.4	7.4	2.5	27.56	22.97	21.20	19.69
546-1590LB	A	2.0	2.0	1.1	7.22	6.02	5.55	5.16
546-1590P1	A	6.01	3.24	1.81	14.30	11.92	11.00	10.21
546-1590S	A	4.33	3.23	1.58	10.56	8.80	8.12	7.54
546-1590T	A	4.72	3.15	2.17	10.90	9.08	8.38	7.79
546-1590U	A	4.72	4.72	2.17	16.00	13.33	12.31	11.43
546-1590V	A	4.72	4.72	3.54	22.00	18.33	16.92	15.71
Color: Black								
546-1590A-BK	A	3.6	1.5	1.1	9.46	7.88	7.28	6.76
546-1590B-BK	A	4.4	2.4	1.1	10.80	9.00	8.31	7.71
546-1590BB-BK	A	4.7	3.7	1.2	13.52	11.27	10.40	9.66
546-1590C-BK	A	4.7	3.7	2.1	15.22	12.68	11.71	10.87
546-1590D-BK	A	7.4	4.7	2.2	23.00	19.17	17.69	16.43
546-1590E-BK	A	7.4	4.7	3.2	24.60	20.50	18.92	17.57
546-1590F-BK	A	7.4	7.4	2.5	33.08	27.57	25.45	23.63
546-1590LB-BK	A	2.0	2.0	1.1	9.74	8.12	7.49	6.96
546-1590P1-BK	A	6.01	3.24	1.81	16.94	14.12	13.03	12.10
546-1590S-BK	A	4.33	3.23	1.58	13.72	11.43	10.55	9.80
546-1590T-BK	A	4.72	3.15	2.17	14.18	11.82	10.91	10.13
546-1590U-BK	A	4.72	4.72	2.17	19.20	16.00	14.77	13.71
546-1590V-BK	A	4.72	4.72	3.54	26.40	22.00	20.31	18.86

DIECAST ALUMINUM ALLOY FLANGED BOXES

- Factory installed flanges on the lid of the box
- Boxes are drilled and tapped

Available in black. Call for price and delivery.
Dimensions are outside dimensions

- Complete with lid and four 6-32 x 1/2" counter sunk Phillips head screws
- Interlocking lip on cover providing complete RF shielding

Note: lid adds .23" to overall height of case

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1590LBFL	B	1.99	1.99	1.06	7.94	6.62	6.11	5.67
546-1590AFL	B	1.52	3.64	1.06	7.70	6.42	5.92	5.50
546-1590SFL	B	3.21	4.35	1.57	11.62	9.68	8.94	8.30
546-1590BFL	B	2.34	4.39	1.06	8.80	7.33	6.77	6.29
546-1590BBFL	B	3.68	4.67	1.18	11.44	9.53	8.80	8.17
546-1590DDFL	B	4.7	7.4	1.3	18.54	15.45	14.26	13.24
546-1590N1FL	B	2.6	4.77	1.39	11.10	9.25	8.54	7.93
546-1590CFL	B	3.7	4.72	2.07	12.87	10.73	9.90	9.19
546-1590TFL	B	3.13	4.74	2.17	11.99	9.99	9.22	8.56
546-1590UFL	B	4.7	4.7	2.17	17.60	14.67	13.54	12.57
546-1590VFL	B	4.7	4.7	3.54	24.20	20.17	18.62	17.29
546-1590P1FL	B	3.24	6.01	1.81	15.73	13.11	12.10	11.24
546-1590DFL	B	4.7	7.38	2.05	21.08	17.56	16.21	15.05
546-1590EFL	B	4.7	7.38	3.07	22.55	18.79	17.35	16.11
546-1590FFL	B	7.38	7.38	2.48	30.32	25.26	23.32	21.65

PC CARD DIECAST ALUMINUM ALLOY BOXES

- Avg. wall thickness 1.6mm (.062")
- Temp. rating: 600°C (1112°F)
- Interlocking flanged lid
- w/3mm slot head screws, countersunk into lid & threaded in tapped holes
- Optional PC card adapters available for horiz. mounting of PC cards
- Internal slots on 0.2" centers hold .062" thick PC cards or dividers

† This model has six mounting studs/holes

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1590L	C	4.0	2.0	1.0	8.04	6.70	6.18	5.74
546-1590M	C	4.4	2.44	1.22	9.68	8.07	7.45	6.91
546-1590N	C	4.75	2.56	1.56	10.92	9.10	8.40	7.80
546-1590P	C	6.0	3.15	2.0	14.30	11.92	11.00	10.21
† 546-1590R	C	7.5	4.33	2.38	22.28	18.57	17.14	15.91

PLASTIC ELECTRONIC ENCLOSURES

- Medium impact ABS thermoplastic w/flame retardant properties
- Comes with M3 x .5 x 18mm countersunk phillips machine screws which fasten into integral brass bushings
- Lightly textured finish
- Interlocking flanged lid
- UL flammability rating of 94V-0
- Continuous use temp. rating of 60°C (140°F)
- Color: black

Also available in blue, gray, and beige.
Contact a Mouser service representative for details

∗ Lid adds .472" to overall height of box or .394" to inside height

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1594A-BK	D	2.17	2.17	∗1.10	6.30	5.25	4.85	4.50
546-1594B-BK	D	3.15	2.17	∗1.10	6.59	5.49	5.07	4.70
546-1594C-BK	D	4.13	2.56	∗1.30	8.10	6.75	6.23	5.79
546-1594D-BK	D	5.12	2.56	∗1.70	9.63	8.03	7.41	6.88
546-1594E-BK	D	6.50	4.13	2.09	11.86	9.89	9.13	8.47

PC Card Guides

Packed 25 sets per package, four guides to set

MOUSER STOCK NO.	Fits Cases	Price Each
546-1594AZ-25	546-1594A-BK	5.91
546-1594BZ-25	546-1594B-BK	5.91
546-1594CZ-25	546-1594C-BK	5.91

Optional Water Tight Sealing Kits

Each kit is comprised of 1 die cut gasket, 4 replacement screws, and 6 "O"-rings (2 spares).

MOUSER STOCK NO.	Fits Cases	Price Each
546-1594SKB	546-1594B-BK	3.80
546-1594SKD	546-1594D-BK	3.80
546-1594SKE	546-1594E-BK	3.80

PLASTIC TWO PIECE INSTRUMENT CASES

- Two piece tongue and groove construction
- Carries UL flammability rating of 94V-0
- Continuous use temp. rating of 60°C (140°F)
- Front/rear panels: .064" thick brushed alum.
- Molded studs for horizontal PC board mount
- Color: Black
- Molded in flame retardant ABS plastic w/lightly textured finish
- Comes w/M3 x .5 x 10mm phillips machine screws that fasten into tapped integral brass bushings
- Two sets of vertical .062" PC board guides provided front /rear

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1598A-BK	E	6.18	3.70	1.42	9.73	8.11	7.49	6.95
546-1598B-BK	E	5.28	5.31	1.96	10.67	8.89	8.21	7.62
546-1598BB-BK	E	7.05	6.06	1.42	10.83	9.03	8.33	7.74
546-1598C-BK	E	7.09	6.10	2.04	13.35	11.13	10.27	9.54
546-1598D-BK	E	7.09	8.11	2.52	16.31	13.59	12.54	11.65
546-1598E-BK	E	6.30	6.30	3.38	16.03	13.36	12.33	11.45
546-1598F-BK	E	9.84	6.30	1.58	17.13	14.27	13.18	12.24
546-1598G-BK	E	9.84	6.30	3.00	20.09	16.74	15.45	14.35
546-1598H-BK	E	11.02	7.87	1.58	21.07	17.56	16.21	15.05
546-1598J-BK	E	11.02	7.87	3.00	26.11	21.76	20.09	18.65

PLASTIC INSTRUMENT ENCLOSURES

- Molded in PC card standoffs and vertical card guides
- Designed to meet IP54
- Positive fit, tongue & groove construction requires only 2 mounting screws
- Available in gray styrene plastic with black ABS plastic end panels
- Easy access to interior via shell type construction

546-1598ASGYPBK	E	6.18	3.70	1.42	6.78	5.65	5.22	4.84
546-1598BSGYPBK	E	5.28	5.31	1.96	7.61	6.34	5.85	5.43
546-1598BBSGYPBK	E	7.05	6.06	1.42	8.64	7.20	6.65	6.17
546-1598CSGYPBK	E	7.09	6.10	2.04	8.93	7.44	6.87	6.38
546-1598DSGYPBK	E	7.09	8.11	2.52	10.68	8.90	8.22	7.63
546-1598ESGYPBK	E	6.30	6.30	3.38	10.64	8.86	8.18	7.60
546-1598FSGYPBK	E	9.84	6.30	1.58	10.40	8.66	8.00	7.42
546-1598GSGYPBK	E	9.84	6.30	3.00	12.20	10.16	9.38	8.71
546-1598HSGYPBK	E	11.02	7.87	1.58	12.20	10.16	9.38	8.71
546-1598JSGYPBK	E	11.02	7.87	3.00	14.20	11.84	10.93	10.15

Optional Accessories (For 1598 Series Cases)

∗ Quantity of four suggested

MOUSER STOCK NO.	Description	Price Each		
		1	10	100
∗ 517-SJ-5012BK	Cylindrical rubber feet .14" x .50", black	.14	- -	- -
546-1598ATS	#4 x 5/8" self tapping screws	.10	.031	.028
546-1598ZPC25	Adhesive PC clips (25 per bag)	6.99	5.83	4.99

Optional Tilt Handle

- Instructions and mounting hardware included.

546-1598TH1	1598C-BK, E-BK, F-BK, G-BK	11.15	9.29	8.57
546-1598TH2	1598D-BK, H-BK, J-BK	11.15	9.29	8.57

Optional Tilt Stand

- Instructions and mounting hardware included.

546-1427-D5	For enclosures 5.5" to 7.0"	10.82	9.01	8.07

PLASTIC INSTRUMENT BOXES

- ABS plastic handheld instrument box stocked in black (BK) and gray (GY)
- Self-tapping screws included
- The 1593K has plastic panels at both ends
- The 1593 P and Q have a panel on one end and a battery compartment on the other end. Infrared panels are available. (546-1593PIR10) pkg. of 10

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1593KBK	A	2.6	2.6	1.1	2.10	1.75	1.62	1.50
546-1593KGY	A	2.6	2.6	1.1	2.10	1.75	1.62	1.50
546-1593PBK	A	3.6	2.6	1.1	3.00	2.50	2.31	2.14
546-1593PGY	A	3.6	2.6	1.1	3.00	2.50	2.31	2.14
546-1593QBK	A	4.4	2.6	1.1	3.38	2.81	2.60	2.41
546-1593QGY	A	4.4	2.6	1.1	3.38	2.81	2.60	2.41

INFRARED PANELS

Package of 10 - end panels 4.50 3.75 3.46 3.21

MOUSER STOCK NO.	Fig.	Description	Price Per Package			
			1	10	100	250
546-1593PIR10	- -	Package of 10 - end panels	4.50	3.75	3.46	3.21

ALUMINUM SLOPED INSTRUMENT CONSOLES

- Textured baked enamel, ventilated bottom with wrap around sides. Supplied with hardware and rubber feet.
- Color: base = blue; panel = white

MOUSER STOCK NO.	Fig.	Dimensions (In.)				Price Each			
		L	W	H	A	1	2	15	25
546-1456PH3WHBU	B	8.3	14.0	3.0	1.3	27.26	23.06	21.42	19.99
546-1456PL3WHBU	B	11.3	14.0	3.0	1.3	29.28	24.78	23.01	21.47
546-1456FG4WHBU	B	7.2	6.5	4.0	1.1	20.30	17.18	15.95	14.89
546-1456KK4WHBU	B	10.2	10.0	4.0	1.1	26.60	22.50	20.90	19.50
546-1456PK4WHBU	B	10.2	14.0	4.0	1.1	29.28	24.78	23.01	21.47

WALNUT SLOPED INSTRUMENT CONSOLES

- Solid, oiled walnut side panels on a ventilated steel base and white panel. Supplied with hardware and rubber feet.

546-1456PH3WHCWW	B	8.3	14.0	3.0	1.3	43.72	36.99	34.35	32.06
546-1456PL3WHCWW	B	11.3	14.0	3.0	1.3	45.68	38.65	35.89	33.50
546-1456PK4WHCWW	B	10.2	14.0	4.0	1.1	45.68	38.65	35.89	33.50

ALUMINUM UTILITY CASES

- .040" thick aluminum
- Four self-tapping screws included
- ASA 61 gray baked enamel finish (outside only)

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1411B	C	2.7	2.2	1.6	5.00	4.16	3.84	3.57
546-1411C	C	3.2	2.2	1.1	5.07	4.22	3.90	3.62
546-1411D	C	3.2	2.2	1.6	5.10	4.25	3.92	3.64
546-1411F	C	4.0	2.2	3.0	5.59	4.66	4.30	4.00
546-1411G	C	4.0	2.2	1.6	5.30	4.41	4.07	3.78
546-1411H	C	4.0	2.2	2.2	5.39	4.49	4.14	3.85
546-1411K	C	5.0	2.2	2.2	6.18	5.15	4.75	4.41
546-1411L	C	5.0	4.0	3.0	8.04	6.70	6.18	5.74
546-1411M	C	6.0	3.0	3.0	9.00	7.50	6.92	6.43
546-1411N	C	5.0	3.0	2.2	6.57	5.48	5.05	4.69
546-1411P	C	6.0	5.0	4.0	11.27	9.39	8.67	8.05
546-1411Q	C	7.0	5.0	3.0	10.98	9.15	8.45	7.84
546-1411R	C	8.0	6.0	3.5	18.00	15.00	13.85	12.86
546-1411S	C	8.0	4.0	3.0	16.50	13.75	12.69	11.79
546-1411T	C	10.0	2.2	1.6	18.07	15.06	13.90	12.91
546-1411U	C	10.0	6.0	3.5	21.91	18.26	16.86	15.65
546-1411W	C	12.0	3.0	2.2	21.00	17.50	16.15	15.00
546-1411X	C	12.0	7.0	4.0	26.25	21.88	20.19	18.75
546-1411Z	C	17.0	5.0	4.0	28.50	23.75	21.92	20.36

DIMENSIONS (IN.)

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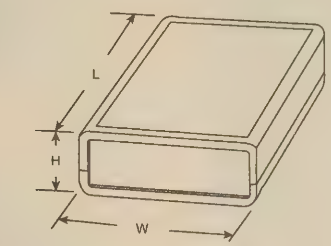

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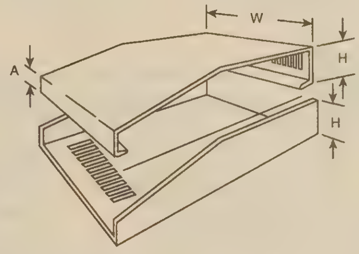

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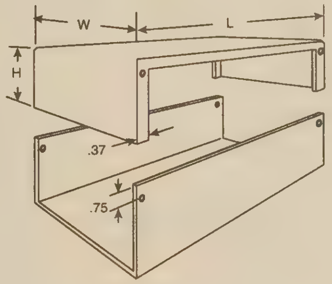

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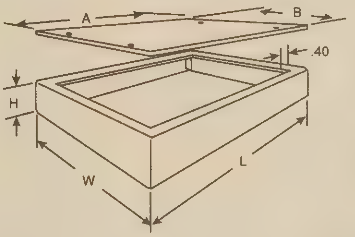

ALUMINUM CHASSIS CASES AND COVERS

- Spot welded heavy duty construction chassis
- Cover punched with 4 holes (hardware not provided)
- Natural finish

Aluminum Chassis Cases

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	100	250
546-1444-6	D	4	4	2	7.91	6.69	6.21	5.80
546-1444-8	D	6	4	2	8.11	6.87	6.38	5.95
546-1444-9	D	8	4	1	8.45	7.15	6.64	6.20
546-1444-10	D	8	4	2	8.66	7.33	6.80	6.35
546-1444-12	D	7	5	2	8.86	7.50	6.96	6.50
546-1444-14	D	9	5	2	10.69	9.05	8.40	7.84
546-1444-15	D	10	6	1	9.33	7.89	7.33	6.84
546-1444-16	D	10	6	2	11.59	9.81	9.11	8.50
546-1444-18	D	13.5	5	2	12.27	10.38	9.64	9.00
546-1444-20	D	17	4	3	20.32	17.19	15.96	14.90
546-1444-22	D	12	8	2	20.22	17.11	15.89	14.83
546-1444-24	D	12	8	3	20.45	17.31	16.07	15.00
546-1444-26	D	16	8	2	20.39	17.25	16.02	14.95
546-1444-28	D	16	8	3	24.27	20.54	19.07	17.80
546-1444-29	D	12	10	2	20.35	17.22	15.99	14.92
546-1444-30	D	17	10	2	23.59	19.96	18.54	17.30
546-1444-32	D	17	10	3	27.61	23.37	21.70	20.25
546-1444-33	D	17	10	4	39.82	33.69	31.29	29.20

Aluminum Covers

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Price Each			
		A	B	1	10	100	250
546-1434-6	D	4	4	3.82	3.23	3.00	2.80
546-1434-8	D	6	4	4.09	3.46	3.21	3.00
546-1434-10	D	8	4	3.89	3.29	3.05	2.85
546-1434-10	D	8	4	3.89	3.29	3.05	2.85
546-1434-12	D	7	5	4.01	3.39	3.15	2.94
546-1434-14	D	9	5	4.09	3.46	3.21	3.00
546-1434-16	D	10	6	6.14	5.19	4.82	4.50
546-1434-16	D	10	6	6.14	5.19	4.82	4.50
546-1434-18	D	13.5	5	6.55	5.54	5.14	4.80
546-1434-20	D	17	4	6.61	5.60	5.20	4.85
546-1434-22	D	12	8	8.66	7.33	6.80	6.35
546-1434-22	D	12	8	8.66	7.33	6.80	6.35
546-1434-26	D	16	8	8.66	7.33	6.80	6.35
546-1434-26	D	16	8	8.66	7.33	6.80	6.35
546-1434-29	D	12	10	8.66	7.33	6.80	6.35
546-1434-30	D	17	10	9.18	7.77	7.21	6.73
546-1434-30	D	17	10	9.18	7.77	7.21	6.73
546-1434-30	D	17	10	9.18	7.77	7.21	6.73

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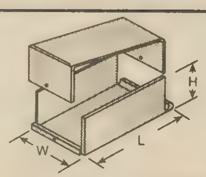

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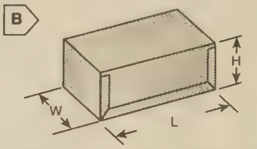

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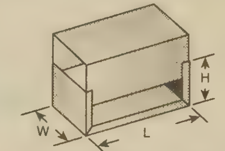

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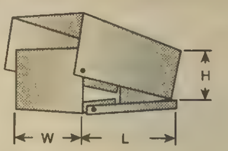

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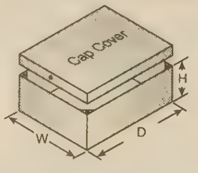

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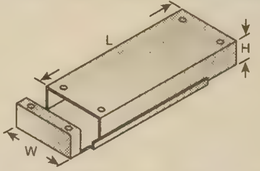

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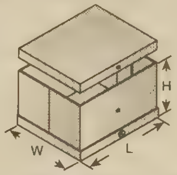

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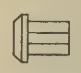


Fits all enclosures

CHASSIS

Interlocking Boxes

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-M00-P	A	• Interlocking construction • Aluminum • Rugged, sturdy • Painted hammertone gray	2 1/4	1 1/2	1 3/8	3.14	2.98
537-00Z-P	A		2 5/16	2 1/8	1 3/4	3.49	3.32
537-000-P	A		3 1/4	2 1/8	1 5/8	4.74	4.50
537-00-P	A		4	2 1/8	1 5/8	4.92	4.67
537-101-P	A		4 1/4	2 1/4	1 1/4	4.92	4.67
537-108-P	A		5	2 1/4	2 1/4	6.89	6.55
537-135-P	A		3 3/4	3	2 1/8	6.89	6.55
537-136-P	A		5 1/4	3	2 1/8	7.95	7.55
537-138-P	A		6 1/4	3 1/2	2 1/8	9.94	9.44
537-139-P	A		5 1/2	3	1 1/4	7.36	6.99
537-141-P	A		6	4	3	12.29	11.68
537-142-P	A		6	4	5	14.92	14.17
537-146-P	A		8	6	4 1/2	21.66	20.58

Tite-Fit Box Chassis

For quantities greater than listed, call for quote.

Painted							
537-TF-773-P	B	• Aluminum • Uses 4 machine screws • Painted-gray color	3 1/2	2 1/8	1 5/8	5.08	4.83
537-TF-776-P	B		4	2	2 3/4	6.24	5.93
537-TF-779-P	B		5	4	3	9.08	8.63
537-TF-780-P	B		5 1/4	3	2 1/8	8.01	7.61
537-TF-781-P	B		6	5	4	12.33	11.71
537-TF-782-P	B		7	5	3	13.31	12.64
537-TF-784-P	B		10	6	3 1/2	17.81	16.92
537-TF-787-P	B		12	7	4	24.54	23.31
Unpainted Finish							
537-TF-770	B	• Aluminum • Uses 4 machine screws • Unpainted	2 3/4	2 1/8	1 5/8	3.40	3.23
537-TF-772	B		3 1/4	2 1/8	1 1/8	3.40	3.23
537-TF-775	B		4	2 1/4	2 1/4	4.62	4.39
537-TF-777	B		4 1/4	2 1/4	1 1/2	3.84	3.65
537-TF-778	B		5	2 1/4	2 1/4	4.96	4.71
537-TF-779	B		5	4	3	6.92	6.57
537-TF-780	B		5 1/4	3	2 1/8	5.47	5.20
537-TF-781	B		6	5	4	9.68	9.20
537-TF-782	B		7	5	3	9.80	9.31
537-TF-783	B		8	6	3 1/2	11.92	11.32
537-TF-784	B		10	6	3 1/2	14.10	13.40
537-TF-787	B		12	7	4	19.59	18.61

Jiffy Box Chassis

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Box Overall Description	Dimensions (In.)			Price Each	
			L	W	H	1	10
537-J-870	C	• Unpainted aluminum • Push together to close and the catches snap into place. A slight pressure opens the box. • Ideal where quick access is required	2 3/4	2 1/8	1 5/8	3.40	3.23
537-J-871	C		2 3/4	2 1/8	2 3/4	3.84	3.65
537-J-872	C		3 1/4	2 1/8	1 1/8	3.40	3.23
537-J-873	C		3 1/2	2 1/8	1 5/8	3.66	3.48
537-J-875	C		4	2 1/4	2 1/4	4.62	4.39
537-J-877	C		4 1/4	2 1/4	1 1/2	3.84	3.65
537-J-879	C		5	4	3	6.92	6.57
537-J-880	C		5 1/4	3	2 1/8	5.47	5.20
537-J-881	C		6	5	4	9.68	9.20
537-J-882	C		7	5	3	9.80	9.31
537-J-884	C		10	6	3 1/2	14.10	13.40

Crown Royal (C-R) Series

For quantities greater than listed, call for quote.

537-CR-321	D	• Painted aluminum cases • Dark blue top • Light blue bottom	3 1/4	2 1/8	1 5/8	6.64	6.31
537-CR-332	D		3 3/4	3	2 1/8	8.44	8.02
537-CR-400	D		4	2	2 3/4	8.11	7.71
537-CR-421	D		4	2 1/8	1 5/8	6.82	6.48
537-CR-422	D		4	2 1/4	2 1/4	7.94	7.54
537-CR-425	D		4 1/4	2 1/4	1 1/4	6.79	6.45
537-CR-442	D		4	4	2	9.23	8.77
537-CR-531	D		5 1/2	3	1 1/4	8.91	8.46
537-CR-532	D		5 1/4	3	2 1/8	9.26	8.80
537-CR-632	D		6 1/4	3 1/2	2 1/8	11.33	10.76
537-CR-643	D		6	4	3	13.79	13.10
537-CR-753	D		7	5	3	16.84	16.00
537-CR-800	D		8	3	2 3/4	13.75	13.06
537-CR-864	D		8	6	4 1/2	22.46	21.34
537-CR-1042	D		10	4	2 1/5	17.31	16.45

CAP COVER CHASSIS

- Special welded corners for sturdier chassis
- Finish: plain aluminum
- Manufactured from aircraft aluminum type 3003, H-14
- Cap construction permits all space inside chassis to be utilized.

Chassis (Without Cover)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Metal Thickness	Cross Reference BUD	Price Each		
		W	D	H			1	10	25
537-572	E	5	7	2	.040	AC402	10.06	9.56	9.27
537-573	E	5	7	3	.040	AC429	11.12	10.56	10.24
537-5103	E	5	10	3	.040	AC404	13.12	12.46	12.09
537-772	E	7	7	2	.040	AC405	9.91	9.41	9.13
537-792	E	7	9	2	.040	AC406	11.14	10.58	10.27
537-7123	E	7	12	3	.040	AC408	15.45	14.68	14.24
537-842	E	8	4	2	.040	AC1406	8.74	8.30	8.05
537-8103	E	8	10	3	.040	- - - -	15.01	14.26	13.83
537-8123	E	8	12	3	.040	AC424	16.63	15.80	15.33
537-8173	E	8	17	3	.040	AC412	22.77	21.63	20.98
537-10123	E	10	12	3	.040	AC413	17.99	17.09	16.58
537-10173	E	10	17	3	.050	AC416	26.58	25.25	24.49
537-12173	E	12	17	3	.050	AC418	34.48	32.76	31.78
537-13173	E	13	17	3	.050	AC420	35.98	34.18	33.15

Chassis Cap Covers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Fits Chassis	Size (In.)	Price Each		
				1	10	25
537-572C	E	537-572 and 537-573	5 x 7	3.52	3.34	3.24
537-5103C	E	537-5103	5 x 10	4.29	4.08	3.96
537-772C	E	537-772	7 x 7	4.55	4.32	4.19
537-792C	E	537-792	7 x 9	6.12	5.81	5.64
537-7123C	E	537-7123	7 x 12	6.91	6.56	6.36
537-842C	E	537-842	8 x 4	3.52	3.34	3.24
537-8103C	E	537-8103	8 x 10	6.86	6.52	6.32
537-8123C	E	537-8123	8 x 12	7.62	7.24	7.02
537-8173C	E	537-8173	8 x 17	9.12	8.66	8.40
537-10123C	E	537-10123	10 x 12	8.25	7.84	7.60
537-10173C	E	537-10173	10 x 17	14.20	13.49	13.09
537-12173C	E	537-12173	12 x 17	15.75	14.96	14.51
537-13173C	E	537-13173	13 x 17	18.06	17.16	16.65

SLIDE COVER (OR DUST COVER) BOXES

- Finish: plain aluminum
- .050 aluminum used

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each		
		L	W	H	1	10	25
537-16	F	13	3 1/8	2 5/8	20.34	19.32	18.31
537-17	F	13	4 1/8	2 5/8	21.42	20.35	19.28
537-18	F	13	5 1/4	2 5/8	24.17	22.96	21.75
537-19	F	17	3 1/8	2 5/8	22.73	21.59	20.46

ENCLOSURES Utility Boxes

- Finish: plain aluminum
- Manufactured from aircraft aluminum type 3003-H 14

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Aluminum Gauge	Price Each		
		L	W	H		1	10	25
537-UC-970	G	4	4	2	.040	9.45	8.98	8.51
537-UC-971	G	5	4	3	.040	10.42	9.90	9.38
537-UC-972	G	6	5	4	.040	13.62	12.94	12.26
537-UC-973	G	6	6	6	.040	16.68	15.85	15.01
537-UC-973A	G	6	6	3	.040	13.71	13.03	12.34
537-UC-974	G	7	5	3	.040	13.75	13.06	12.38
537-UC-975	G	9	6	5	.050	22.39	21.27	20.15
537-UC-976	G	10	8	7	.050	32.59	30.96	29.33
537-UC-977	G	12	7	6	.050	31.33	29.76	28.20
537-UC-978	G	10	10	8	.050	41.01	38.96	36.91
537-UC-979	G	12	11	8	.050	49.64	47.16	44.68
537-UC-980	G	15	9	7	.050	49.35	46.88	44.42

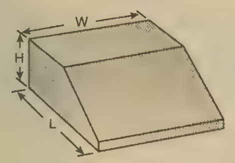
Non-Skid Foot (Black)

Note: Four (4) required for each box (plugs into screw holes)

MOUSER STOCK NO.	Fig.	Description	Price Each
537-F2	H	Black elastomer non-skid feet; fits all enclosures	.15

Enclosures, Consoles, and Cabinets

A



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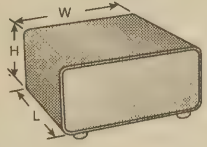

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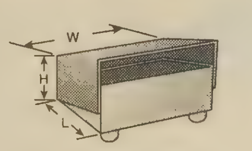

Built-In Chassis

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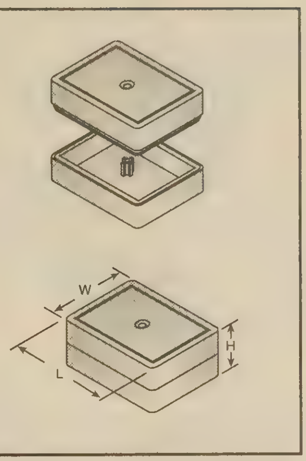

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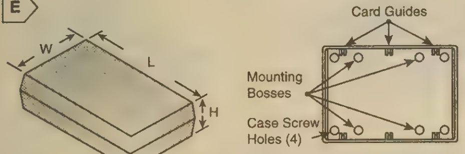

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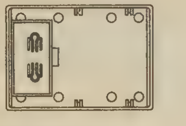

With 9V Battery Compartment

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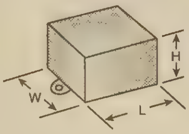


ALUMINUM MODULAR DESKTOP CONSOLES

∗∗ The length of the flat top is 1/2 of the total length.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Dimensions (In.)			Price Each	
			∗∗ L	W	H	1	10
Unpainted							
537-MDC321-01	A	.050" aluminum, .063" for largest sizes, furnished with four white pressure sensitive rubber feet.	3	2	1 1/2	**4.70**	**4.47**
537-MDC432-01	A		4	3	2	**6.30**	**5.99**
537-MDC532-01	A		5	3	2	**7.27**	**6.91**
537-MDC642-01	A		6	4	2 1/4	**8.69**	**8.26**
537-MDC752-01	A		7	5	2 1/2	**10.01**	**9.51**
537-MDC862-01	A		8	6	2 3/4	**13.15**	**12.49**
537-MDC973-01	A		9	7	3	**13.16**	**11.84**
537-MDC1183-01	A		11	8	3 1/2	**21.66**	**20.58**
537-MDC13104-01	A		13	10	4	**29.39**	**27.92**
537-MDC15155-01	A		15	15	4 1/2	**47.93**	**45.53**
Painted Beige / Ivory							
537-MDC321-BI	A	.050" aluminum, .063" for largest sizes, furnished with four white pressure sensitive rubber feet.	3	2	1 1/2	**7.29**	**6.93**
537-MDC432-BI	A		4	3	2	**9.85**	**9.36**
537-MDC532-BI	A		5	3	2	**10.99**	**10.44**
537-MDC642-BI	A		6	4	2 1/4	**13.07**	**12.42**
537-MDC752-BI	A		7	5	2 1/2	**14.59**	**13.86**
537-MDC862-BI	A		8	6	2 3/4	**18.65**	**17.72**
537-MDC973-BI	A		9	7	3	**18.92**	**17.03**
537-MDC1042-BI	A		10	4 1/2	2 1/2	**12.98**	**12.33**
537-MDC1183-BI	A		11	8	3 1/2	**28.06**	**26.66**
537-MDC13104-BI	A		13	10	4	**36.94**	**35.09**
537-MDC15155-BI	A		15	15	4 1/2	**58.67**	**55.74**

ALUMINUM CABINETS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Dimensions (In.)			Price Each	
			∗∗ L	W	H	1	10
Perforated Cabinets							
537-CO-3-P	B	Contoured, recessed front panel, painted gray body and dark gray front	7 1/4	5 1/2	3 1/8	**35.53**	**33.75**
537-CO-7-P	B		11	8	7	**67.46**	**64.09**
(M-E) Series							
537-ME-462-P	C	Black hooded cover, painted white body with rubber bumpers	4	6	2 1/2	**27.46**	**26.09**
537-ME-583-P	C		5	8	3	**35.12**	**33.36**
537-ME-7114-P	C		7	11	4	**46.15**	**43.84**

HIGH-IMPACT ABS ENCLOSURES, MINIATURE

- Extra small size
- Screw included
- Scratch resistant finish
- High impact ABS plastic

Color Code Chart

To order add applicable suffix for desired color to Mouser Stock No.

Color	Black	Gray	Almond
Suffix	**BK**	**GY**	**AL**

Specify color when ordering, see color chart.

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		L	W	H	1	10	25	50
537-300-____	D	2.125	1.375	.580	**3.82**	**3.63**	**3.43**	**3.25**
537-301-____	D	2.263	1.613	.753	**3.82**	**3.63**	**3.43**	**3.25**
537-302-____	D	2.40	1.850	.925	**3.82**	**3.63**	**3.43**	**3.25**

HIGH-IMPACT ABS ENCLOSURES, STANDARD

- Scratch resistant grain finish
- Card guides for vertical mounting of circuit boards
- 9 volt battery compartment option
- Internal mounting bosses for horizontal circuit boards

Color Code Chart

To order add applicable suffix for desired color to Mouser Stock No.

Color	Black	Red	Blue	Gray	Almond
Suffix	**BK**	**RD**	**BU**	**GY**	**AL**

Specify color when ordering, see color chart.

Note: all dimensions are outside dimensions

	MOUSER STOCK NO.	Fig.	Dimensions (In.)			Vertical Card Pos.	Mtg. Bosses	Price Each			
			L	W	H			1	10	25	50
	537-400-I-___	E	3.60	2.25	.995	- - -	- - -	**4.96**	**4.71**	**4.46**	**4.22**
	537-401-___	E	3.60	2.25	1.50	2	4	**4.88**	**4.64**	**4.39**	**4.15**
	537-402-___	E	4.38	3.25	1.50	3	4	**6.52**	**6.19**	**5.87**	**5.54**
	537-403-___	E	5.62	3.25	1.50	4	4	**8.39**	**7.97**	**7.55**	**7.13**
	537-404-___	E	6.87	4.87	1.50	5	8	**8.66**	**8.23**	**7.79**	**7.36**
	537-408-___	E	6.87	4.87	2.0	5	8	**10.77**	**10.23**	**9.69**	**9.16**
	537-410-___	E	4.38	3.25	2.50	3	4	**7.38**	**7.01**	**6.64**	**6.27**
	537-411-___	E	5.62	3.25	2.50	4	4	**9.75**	**9.26**	**8.78**	**8.29**
	537-412-___	E	6.87	4.87	2.50	5	8	**11.32**	**10.75**	**10.19**	**9.62**
††	**537-413-___**	E	9.50	6.34	1.50	- - -	- - -	**16.08**	**15.28**	**14.47**	**13.67**
	537-501-___	F	4.11	2.61	1.50	1	4	**5.39**	**5.12**	**4.85**	**4.42**
††	**537-502-___**	F	4.38	3.25	1.50	3	4	**7.74**	**7.35**	**6.97**	**6.58**
	537-503-___	F	5.62	3.25	1.50	3	4	**9.60**	**9.12**	**8.64**	**8.16**

†† Available only in **BK**, **GY**, and **AL**

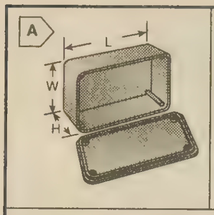
ENCLOSURES

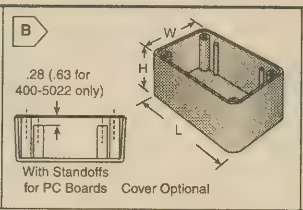
For quantities greater than listed, call for quote.

	MOUSER STOCK NO.	Fig.	Description	Dimensions (In.)			Price Each	
				L	W	H	1	10
	Drawn Miniature Boxes - Unplated							
	537-M01	G	Cold rolled steel, removable mounting ears for subminiature assembly	1 1/8	1	15/16	**1.28**	**1.22**
	537-M10	G		1 3/4	1 1/4	7/8	**1.28**	**1.22**
	537-M17	G		2	1 3/4	1	**1.28**	**1.22**
	537-M018	G		2	2	1 1/4	**1.28**	**1.22**
	Lids - Unplated (Match Lid Part Number to Box Part Number)							
	537-M01-L	G	Designed to be soldered into place during assembly	1 1/8	1	- - -	**.88**	**.84**
	537-M10-L	G		1 3/4	1 1/4	- - -	**.88**	**.84**
	537-M018-L	G		2	2	- - -	**.88**	**.84**
	Drawn Miniature Boxes - Cadmium Plated							
	537-M01-PLTD	G	Cold rolled steel, removable mounting ears for subminiature assembly † Do not have mounting ear	1 1/8	1	15/16	**2.22**	**2.11**
	537-M06-PLTD	G		1 1/2	1 1/8	3/4	**2.22**	**2.11**
	537-M10-PLTD	G		1 3/4	1 1/4	7/8	**2.22**	**2.11**
	537-M11-PLTD	G		2	1 1/4	3/4	**2.22**	**2.11**
	537-M12-PLTD	G		2	1 1/4	1	**2.22**	**2.11**
	537-M15-PLTD	G		2	1 3/4	1/2	**2.22**	**2.11**
	537-M16-PLTD	G		2	1 3/4	3/4	**2.22**	**2.11**
	537-M17-PLTD	G		2	1 3/4	1	**2.22**	**2.11**
	537-M018-PLTD	G		2	2	1 1/4	**2.22**	**2.11**
	537-M21-PLTD	G		2 1/2	2	1 1/4	**2.22**	**2.11**
†	**537-M23-PLTD**	G		3 7/8	2 3/8	7/8	**2.22**	**2.11**
†	**537-M24-PLTD**	G		2	1 3/4	3/4	**2.22**	**2.11**
†	**537-M25-PLTD**	G		3 1/16	3 1/16	2 5/8	**5.39**	**5.12**
†	**537-M26-PLTD**	G		4 5/8	2 3/8	2 1/4	**5.39**	**5.12**
†	**537-M27-PLTD**	G		4 3/4	3	1 3/4	**5.39**	**5.12**
	Lids - Cadmium Plated (Match Lid Part Number to Box Part Number)							
	537-M01-L-PLTD	G	Designed to be soldered into place during assembly	1 1/8	1	- - -	**1.34**	**1.27**
	537-M06-L-PLTD	G		1 1/2	1 1/8	- - -	**1.34**	**1.27**
	537-M10-L-PLTD	G		1 3/4	1 1/4	- - -	**1.34**	**1.27**
	537-M11-L-PLTD	G		2	1 1/4	- - -	**1.34**	**1.27**
	537-M12-L-PLTD	G		2	1 1/4	- - -	**1.34**	**1.27**
	537-M16-L-PLTD	G		2	1 3/4	- - -	**1.34**	**1.27**
	537-M21-L-PLTD	G		2 1/2	2	- - -	**1.34**	**1.27**
	537-M23-L-PLTD	G		3 7/8	2 3/8	- - -	**1.34**	**1.27**
	537-M25-L-PLTD	G		3 1/16	3 1/16	- - -	**2.59**	**2.46**
	537-M26-L-PLTD	G		4 5/8	2 3/8	- - -	**2.59**	**2.46**
	537-M27-L-PLTD	G		4 3/4	3	- - -	**2.59**	**2.46**

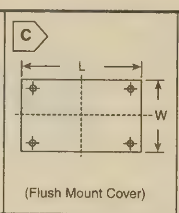
EAGLE Cases and Accessories

DIMENSIONS (IN.)

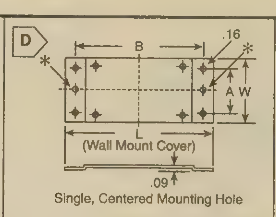




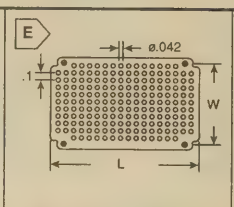
With Standoffs for PC Boards Cover Optional

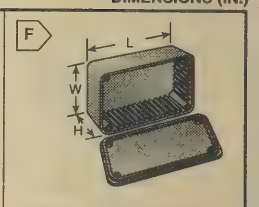


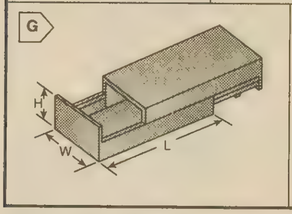
(Flush Mount Cover)

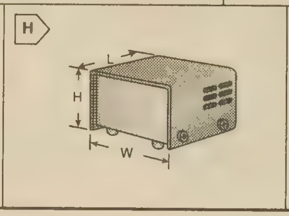


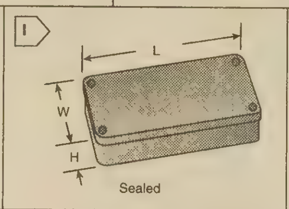
Single, Centered Mounting Hole











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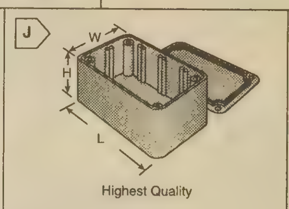
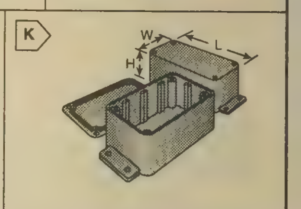


Highest Quality



CASES AND ACCESSORIES

Plastic Project Boxes with Lids

- Molded ABS plastic
- PCB guides (400-1561 and 400-1571 only)
- Height is with lid on

(Dimensions are outside dimensions.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	50	100
400-1541	A	3	2	1	Black	2.90	1.74	1.60	1.45
400-1551	A	4 3/8	2 1/4	7/8	Black	3.30	1.98	1.82	1.65
400-1561	A	4	3	1 5/8	Black	3.95	2.37	2.17	1.98
400-1571	A	5 7/8	3 7/8	2 1/4	Black	6.75	4.05	3.71	3.38

High-Impact Polystyrene

- Two styles of lids are available: flush mount and wall mount
- Covers and custom PC boards must be ordered separately

† Designed with only two standoffs for PC boards. All others have four.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	25	50
† 400-5022	B	2.00	1.40	1.00	Black	1.87	1.56	1.41	1.28
† 400-5032	B	2.70	1.71	1.18	Black	2.11	1.76	1.60	1.45
† 400-5043	B	3.29	2.11	1.38	Black	2.41	2.01	1.83	1.66
400-5053	B	4.19	2.74	1.57	Black	3.17	2.64	2.41	2.18
400-5064	B	5.30	3.33	1.57	Black	4.10	3.42	3.10	2.82
400-5074	B	6.90	4.30	1.60	Black	5.47	4.56	4.14	3.77
400-5084	B	7.70	5.10	2.00	Black	6.85	5.71	5.19	4.72

Aluminum Covers (Unpainted)

- Peel off protective plastic skin
- Includes hardware

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimension (In.)				Fits Cases	Price Each			
		L	W	A	B		1	10	25	50
400-7022	C	1.89	1.30	- - -	- - -	400-5022	1.57	1.31	1.19	1.08
400-7032	C	2.56	1.57	- - -	- - -	400-5032	1.52	1.27	1.15	1.05
400-7043	C	3.15	1.97	- - -	- - -	400-5043	1.90	1.58	1.44	1.31
400-7053	C	4.02	2.56	- - -	- - -	400-5053	2.24	1.86	1.69	1.54
400-7064	C	5.12	3.15	- - -	- - -	400-5064	2.87	2.40	2.18	1.98
400-7074	C	6.96	4.13	- - -	- - -	400-5074	5.19	4.33	3.94	3.58
400-8043	D	4.41	1.97	1.34	3.90	400-5043	2.70	2.25	2.05	1.86
400-8053	D	5.43	2.56	1.77	4.80	400-5053	3.12	2.60	2.36	2.15

PRE-PUNCHED COPPER CLAD PC BOARDS

Features:

- Holes: ø.042"; spacing between holes: 0.1"
- Pre-patterned "pad-per-hole" design
- Copper clad around holes, one side

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions (In.)		Fits Cases	Price Each			
		L	W		1	10	25	50
400-9032	E	2.44	1.46	400-5032 and 400-6032	2.46	2.05	1.86	1.69
400-9043	E	3.03	1.85	400-5043 and 400-6043	3.28	2.74	2.49	2.26
400-9053	E	3.86	2.40	400-5053 and 400-6053	4.30	3.59	3.26	2.97
400-9064	E	4.96	2.99	400-5064 and 400 6064	5.95	4.96	4.51	4.10

MOLDED ABS PLASTIC CASES (Dimensions are outside dimensions.)

- Molded ABS plastic, .10" thick
- Temperature rating: -20°C to +85°C
- Interlocking flanged cover with four screws
- Add .10" to dimension "H" with lid on
- PCB guides

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	50	100
400-1542	F	4.1	2.2	1.7	Gray	3.70	3.37	3.06	2.78
400-1552	F	5.1	2.5	1.7	Gray	4.66	4.02	3.71	3.50
400-1562	F	5.9	3.5	2.2	Gray	5.46	4.68	4.46	4.10
400-1572	F	7.3	4.5	2.5	Gray	7.93	6.80	6.47	5.96

With Sliding Lids

- Interlocking two-piece design
- Accepts PC board and 9V battery
- Easy access for do-it-yourself kits

MOUSER STOCK NO.	Fig.	Dimension (In.)			Color	Price Each			
		L	W	H		1	10	25	50
400-4048	G	4.7	3.1	1.1	Black	6.83	5.70	5.18	4.71
400-4049	G	5.9	4.1	1.1	Black	8.37	6.98	6.34	5.76

INSTRUMENT CASES

- Black 18 gauge hammertone steel cover fits over a painted gray aluminum base

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		Length	Width	Height	1	10	50	100
40UB101	H	4	3 1/4	2 3/16	7.35	6.12	5.57	4.98
40UB102	H	5 7/8	4	2 3/8	9.35	7.80	7.10	6.48
40UB103	H	5 7/8	5 1/4	3	10.32	8.60	7.81	7.48

DIECAST ALUMINUM CASES (Without PCB Guides)

- Natural aluminum (unpainted)
- Excellent RF shielding
- Interlocking cover, with countersunk screws

MOUSER STOCK NO.	Fig.	Dimension (In.)			Wall Thickness	Price Each			
		L	W	H		1	10	50	100
400-4590	A	3.5	1.4	1.2	.063	6.75	5.65	5.35	4.40
400-4591	A	4.5	2.5	1.2	.063	7.35	6.15	5.90	5.55
400-4587	A	4.5	2.5	2.2	.063	8.35	7.52	6.84	6.21
400-4592	A	4.5	3.5	2.2	.063	11.12	9.29	8.85	8.34
400-4593	A	6.8	4.7	2.2	.075	17.84	14.90	14.18	13.38
400-4594	A	6.8	4.7	4.2	.075	19.95	16.70	15.90	15.00
400-4588	A	8.7	5.7	2.2	.075	22.13	20.12	18.29	16.63
400-4589	A	8.7	5.7	4.2	.075	30.29	27.53	25.03	22.75

Sealed Cases

- Natural aluminum (unpainted)
- Rubber extruded seal incorporated into edge of the case
- Provides extra protection against dust, moisture, ozone, acids, and alkalis
- Suitable for service from -40°C to +120°C
- Without PCB guides
- Interlocking flanged cover with countersunk screws

400-4550	I	3.5	1.4	1.2	.063	14.50	13.18	11.98	10.89
400-4551	I	4.5	2.5	1.2	.063	15.83	14.39	13.08	11.89
400-4552	I	4.5	3.5	2.2	.063	19.05	17.32	15.75	14.32
400-4553	I	4.5	2.5	2.2	.063	16.90	15.37	13.97	12.70
400-4554	I	6.8	4.7	2.2	.075	25.51	23.19	21.08	19.17
400-4555	I	6.8	4.7	4.2	.075	32.35	29.41	26.73	24.30
400-4556	I	8.8	5.7	2.2	.075	33.62	30.56	27.78	25.26
400-4557	I	8.8	5.7	4.2	.075	41.97	38.16	34.69	31.53

Black Nylon Coated

- Nylon coating (75-100 microns thick) provides an added degree of protection against corrosion
- Can be drilled or machined without effecting the finish
- No PCB guides
- Extra hard surface

Color: Gray, blue, yellow, and brown, also available (on special order basis). Call your customer service representative for more information.

400-4620	A	3.5	1.4	1.2	.063	16.52	15.02	13.66	12.41
400-4621	A	4.5	2.5	1.2	.063	18.60	16.91	15.37	13.98
400-4622	A	4.5	3.5	2.2	.063	23.61	21.47	19.51	17.74
400-4623	A	4.5	2.5	2.2	.063	20.76	18.88	17.16	15.60
400-4624	A	6.8	4.7	2.2	.075	31.91	29.00	26.37	23.97
400-4625	A	6.8	4.7	4.2	.075	40.83	37.12	33.75	30.68
400-4626	A	8.8	5.7	2.2	.075	41.34	37.58	34.16	31.06
400-4627	A	8.8	5.7	4.2	.075	50.71	46.10	41.91	38.10

DIECAST ALUMINUM CASES (With PCB Guides)

- Natural aluminum (unpainted)
- Excellent RF shielding
- Interlocking flanged cover, with countersunk screws

400-4585	J	2.4	2.2	1.2	.063	6.96	6.33	5.76	5.23
400-4586	J	3.1	2.2	1.0	.063	8.23	7.48	6.80	6.18
400-4595	J	4.7	4.0	1.4	.083	21.99	19.99	18.21	16.55
400-4596	J	5.5	4.0	3.0	.075	26.53	24.11	21.92	19.93
400-4597	J	6.5	5.0	3.0	.075	31.08	28.26	25.69	23.35
400-4598	J	10.8	6.9	2.2	.075	47.73	43.39	39.45	35.86
400-4599	J	9.8	9.8	3.9	.098	58.35	53.02	48.20	43.83

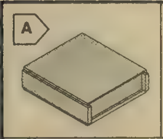
With Mounting Flanges and PCB Guides

- Excellent RF shielding
- Natural aluminum (unpainted)
- Interlocking flanged cover with countersunk screws

*Due to size, 400-4600 flange has only 1 screw mounting hole.

* 400-4600	K	3.5	1.4	1.2	.063	18.04	16.40	14.91	13.55
400-4601	K	4.5	2.5	1.2	.063	19.99	18.17	16.52	15.02
400-4602	K	4.5	2.5	2.2	.063	22.55	20.50	18.64	16.94
400-4603	K	4.5	3.5	2.2	.063	23.87	21.70	19.73	17.93
400-4604	K	6.8	4.8	2.2	.075	33.61	30.56	27.78	25.25
400-4605	K	6.5	5.0	3.0	.075	37.45	34.00	30.92	28.12
400-4606	K	8.8	5.8	2.2	.075	38.68	35.16	31.97	29.06
400-4607	K	6.8	4.8	4.2	.075	41.95	38.15	34.65	31.49

PACTEC® Plastic Enclosures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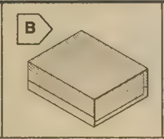
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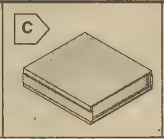
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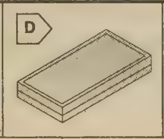
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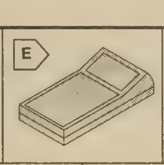
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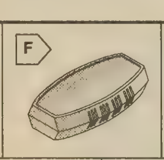
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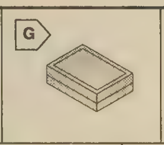
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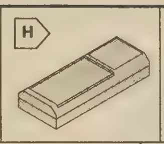
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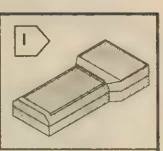
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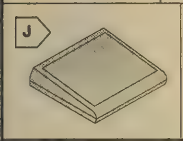
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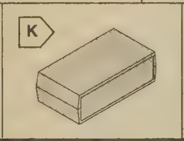
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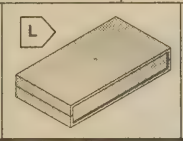
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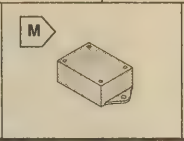
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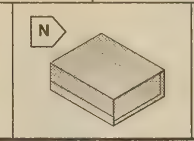
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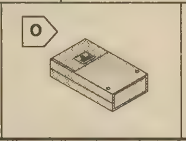
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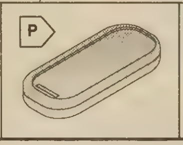
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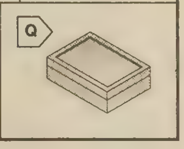
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Common Features:

- Medium impact, ABS molding 1/8" thick
- Provides built in mounting features
- Includes all necessary component parts and assembly hardware to build a prototype unit

C AND CL SERIES

- The C, CL, and CLLP enclosures are modular units with expandable sides

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	PacTec Model No.	Dimensions (In.)			Price Each		
Black	Bone			W	L	H	1	10	25
616-61000	616-61866	A	K-C-23	9.25	8.50	3.69	32.50	30.88	29.33
616-61200	616-61906	A	K-CH-23	9.25	8.50	3.69	38.00	36.10	34.30

CM SERIES

- Suitable for PCB areas 20" sq. to 50" sq.

616-71913	616-71914	B	K-CM3-100	3.33	5.25	1.25	9.14	8.68	8.25
616-63000	616-62999	B	K-CM3-150	3.33	5.25	1.75	9.34	8.87	8.43
616-63050	616-63049	B	K-CM5-125	5.08	5.25	1.50	9.88	9.39	8.92
616-64025	616-61956	B	K-CM5-200	5.08	5.25	2.25	10.44	9.92	9.42
616-63075	616-63074	B	K-CM6-225	6.08	6.25	2.50	13.74	13.05	12.40
616-61154	616-61966	B	K-CM69-120	6.08	9.50	1.38	15.38	14.61	13.88
616-63240	616-63244	B	K-CM69-180	6.33	9.50	1.99	17.04	16.19	15.38
616-73191	616-73190	B	K-CM79-125	7.45	9.36	1.25	17.71	16.82	15.98
616-69206	616-69209	B	K-CM86-175	8.08	6.25	2.00	13.50	12.83	12.18
616-63025	616-63024	B	K-CM86-225	8.08	6.25	2.50	14.95	14.20	13.49

CF SERIES

- Best suitable for 76" sq. PCB applications

616-63120	616-63124	C	K-CF-125	8.36	9.11	1.65	24.25	23.04	21.89
616-63180	616-63184	C	K-CF-175	8.36	9.11	2.15	26.00	24.70	23.47
616-62240	616-62244	C	K-CF-225	8.36	9.11	2.65	28.72	27.28	25.92
616-63210	616-63214	C	K-CF-275	8.36	9.11	3.15	29.91	28.41	26.99

HP/HPL, HRS/HPLS AND HR SERIES

(HP/HPL Series):

- For applications requiring 20" sq. to 30" sq. PCB

(HR Series):

- Has radiused sides and flat ends

(HPS/HPLS Series):

- For applications requiring 20.7" sq. to 60" sq. PCB

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	PacTec Model No.	Dimensions (In.)			Price Each		
Black	Bone			W	L	H	1	10	25
616-60616	616-61919	D	K-HP	3.60	5.75	1.12	6.55	6.22	5.91
616-60620	616-62006	D	K-HP-9VB	3.60	5.75	1.29	8.12	7.71	7.33
616-69813	- - - - -	D	K-HP-9VB-SP	3.60	5.75	1.29	24.90	23.66	22.47
616-60624	616-62040	D	K-HPL	4.00	7.50	1.12	9.46	8.99	8.54
616-60628	616-62057	D	K-HPL-9VB	4.00	7.50	1.29	10.35	9.83	9.34
616-61162	616-62066	E	K-HPLS	4.00	7.50	1.12/2.09	9.00	8.55	8.12
616-61170	616-62085	E	K-HPLS-9VB	4.00	7.50	1.29/2.26	10.66	10.13	9.62
616-73321	616-73322	E	K-HPLS-48	4.17	8.50	1.73/2.56	12.80	12.16	11.55
616-60607	616-62016	E	K-HPS	3.60	5.75	1.12/1.92	7.90	7.51	7.13
616-60611	616-62036	E	K-HPS-9VB	3.60	5.75	1.29/2.09	9.00	8.55	8.12
616-73325	616-73326	F	K-HR-9VB/2AA	3.25	5.98	.95	7.41	7.04	6.69
616-75508	616-75509	F	K-HRP-9VB/2AA	3.25	5.48	.95	7.81	7.42	7.05

JM AND HM SERIES

- Ideal for applications in the 2" sq. to 12" sq.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	PacTec Model No.	Dimensions (In.)			Price Each		
Black	Bone			W	L	H	1	10	25
616-71971	616-71972	G	K-JM12-IE	1.60	2.40	0.80	2.19	2.08	1.98
616-69313	616-69316	G	K-JM22	2.40	2.27	1.00	3.09	2.94	2.79
616-77070	616-77072	G	K-JM25	2.70	2.60	1.00	3.66	3.48	3.30
616-77071	616-77073	G	K-JM33	3.00	2.70	1.00	4.29	4.08	3.87
616-71867	616-71868	G	K-JM42	3.80	2.40	1.00	3.99	3.79	3.60
616-61910	616-61914	G	K-HM	2.40	3.80	0.90	4.38	4.16	3.95
616-61980	616-61985	G	K-HM-9VB	2.40	3.80	1.00	5.14	4.88	4.64
616-69814	- - - - -	G	K-HM-9VB-SP	2.40	3.80	1.00	14.68	13.95	13.25
616-76688	616-76689	G	K-HMW-ET	2.75	3.25	1.40	4.95	4.70	4.47
616-71933	616-71936	G	K-HM-ET	2.40	3.80	1.30	4.75	4.51	4.29
616-71949	616-71952	G	K-HM-ET-9VB	2.40	3.80	1.30	5.20	4.94	4.69
616-62558	616-62562	G	K-HML	2.75	4.60	0.90	4.50	4.28	4.06
616-62578	616-62582	G	K-HML-9VB	2.75	4.60	1.00	5.75	5.46	5.19
616-69815	- - - - -	G	K-HML-9VB-SP	2.75	4.60	1.00	19.10	18.15	17.24
616-66826	616-66829	G	K-HML-ET	2.75	4.60	1.40	4.72	4.48	4.26
616-66830	616-66833	G	K-HML-ET-9VB	2.75	4.60	1.50	6.75	6.41	6.09

T SERIES

- Ideal for meters, test equipment, and other hand-held instruments.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	PacTec Model No.	Dimensions (In.)			Price Each		
Black	Bone			W	L	H	1	10	25
616-72822	616-72823	H	K-TS	3.29	7.27	1.25	9.48	9.01	8.56
616-72678	616-72679	H	K-TS-9VB	3.29	7.27	1.25	9.95	9.45	8.98
616-72820	616-72821	I	K-TT	4.44/3.29	8.52	1.15/1.50	9.95	9.45	8.98
616-73676	616-73677	I	K-TT-9VB	4.40/3.29	7.70	1.15/1.50	10.56	10.03	9.53
616-76664	616-76665	I	K-TR	4.40/3.30	7.70	1.25	7.90	7.51	7.13
616-75893	616-75894	I	K-TR-9VB	4.40/3.30	7.70	1.25	10.55	10.02	9.52

KE AND KEU SERIES

Features:

- Ideal for meters, test equipment, and other hand-held instruments.
- Suited to desktop and benchtop applications of all sorts

616-72552	616-72553	J	K-KE-12	12.40	6.50	1.50	13.50	12.83	12.18
- - - - -	616-64400	J	K-KE-17	17.08	8.68	2.79	46.04	43.74	41.55
- - - - -	616-64406	J	K-KE-20	20.08	8.68	2.79	35.50	33.73	32.04
616-62291	616-62290	J	K-KEU-10	10.00	8.03	4.00	27.38	26.01	24.71
616-63100	616-63104	J	K-KEU-7	7.00	5.00	3.00	15.94	15.14	14.39
616-73700	616-73701	J	K-KEU-5LP	5.40	5.42	1.59	7.95	7.55	7.17
616-72560	616-72561	J	K-KEU-7LP	7.00	5.00	1.30	13.41	12.74	12.10
616-72556	616-72557	J	K-KEU-10LP	10.00	8.03	2.04	17.08	16.23	15.41

LH SERIES

- Flush panels, rounded corners, slightly radiused sides, and light texture for long-lived attractive appearance

616-75054	616-75053	K	K-LH43-100	4.50	3.00	1.25	4.86	4.62	4.39
616-71886	616-71887	K	K-LH55-130	5.07	5.07	1.50	10.63	10.10	9.59
616-71988	616-71989	K	K-LH55-200	5.07	5.07	2.25	8.90	8.46	8.03
616-74216	616-74217	K	K-LH57-130	5.50	7.25	1.50	10.90	10.36	9.84
616-74220	616-74221	K	K-LH57-200	5.50	7.25	2.25	11.50	10.93	10.38
616-71894	616-71895	K	K-LH64-130	6.08	4.26	1.50	9.40	8.93	8.48
616-71996	616-71997	K	K-LH64-200	6.08	4.26	2.25	9.90	9.41	8.93
616-76348	616-76350	K	K-LH77-130	7.00	7.37	1.50	13.39	12.72	12.08
616-76349	616-76351	K	K-LH77-200	7.00	7.37	2.25	14.39	13.67	12.99
616-71902	616-71903	K	K-LH84-130	8.08	4.26	1.50	11.90	11.31	10.74
616-72004	616-72005	K	K-LH84-200	8.08	4.26	2.25	13.40	12.73	12.09
616-76499	616-76500	K	K-LH89-130	8.08	9.50	1.50	16.51	15.68	14.90
616-76450	616-76451	K	K-LH89-200	8.08	9.50	2.25	17.22	16.36	15.54
616-74208	616-74209	K	K-LH96-130	9.08	6.26	1.50	14.89	14.15	13.44
616-74212	616-74213	K	K-LH96-200	9.08	6.26	2.25	16.00	15.20	14.44
616-76447	616-76448	K	K-LH129-175	11.80	9.33	1.70	28.48	27.06	25.70
616-76445	616-76446	K	K-LH129-200	11.80	9.33	2.25	29.08	27.63	26.24

RM SERIES

- Rack mountable or stand alone enclosures with mounting brackets

616-77069	616-77074	L	K-RM-178	17.00	8.00	1.70	39.56	37.58	35.70

FLXT SERIES

- Includes molded bottom cover, 2 mounting tabs, and a .062" plastic panel

616-74923	616-74924	M	K-FLXT2535	2.50	3.50	1.12	3.19	3.03	2.88
616-74928	616-74983	M	K-FLXT-4624	4.60	2.40	1.32	3.95	3.75	3.56
616-77348	616-77349	M	K-FLXT-6030	6.00	3.00	2.00	7.64	7.26	6.90
616-77350	616-77351	M	K-FLXT-7050	7.00	5.00	3.00	11.28	10.72	10.18

DM / BM SERIES

- Larger-size enclosure offers high style and flexibility for a wide variety of desktop or benchtop equipment

616-72500	616-72494	N	K-DM-2	10.40	11.46	2.38	28.50	27.08	25.72
616-72501	616-72495	N	K-DM3	10.40	11.46	3.38	33.48	31.81	30.22
616-72502	616-72496	N	K-DM-4	10.40	11.46	4.48	33.50	31.83	30.23
616-75414	616-75415	N	K-BM2	10.40	8.46	2.38	35.00	33.25	31.59
616-75419	616-75420	N	K-BM3	10.40	8.46	3.38	37.00	35.15	33.39
616-75424	616-75425	N	K-BM4	10.40	8.46	4.38	39.00	37.05	35.20

RC SERIES AND WM SERIES

(RC Series):

- Two unique handheld enclosure designs, with a low-profile appearance and ruby infrared lens

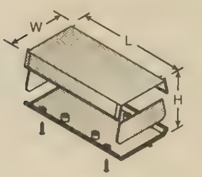
(WM Series):

- Vertical and horizontal wall-mountable housing with a display area

616-71980	616-71981	O	K-RC24-9VB	2.50	4.60	0.90	5.95	5.65	5.37
616-67930	- - - - -	O	K-RC37-2AA	2.75	6.50	0.80	9.34	8.87	8.43
616-75294	616-75295	O	K-RCS-9VB/2AA	2.50	4.60	0.90	5.29	5.03	4.77
616-73329	616-73330	P	K-RF-37	2.95	6.77	0.83	6.55	6.22	5.91
616-73333	616-73334	Q	K-WM-46	3.75	5.25	1.00	6.95	6.60	6.27

A - SERIES

Features:
- Hi-Impact ABS, 94HB
- Interchangeable end panels
- Clam shell design

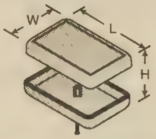


There are 3 colors available, replace the (__) in the part number with: A for **Almond** or B for **Black** or G for **Gray**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Dimensions (In.)			Price Each			
	W	L	H	1	25	50	100
Standard							
635-A-20-__	2.60	4.25	0.87	4.83	3.80	3.22	2.99
635-A-21-__	2.60	4.25	1.12	5.69	4.62	3.91	3.44
635-A-27-__	3.35	5.31	1.51	8.33	6.77	5.73	5.03
635-A-31-__	5.10	5.30	1.71	10.70	8.70	7.36	6.47
635-A-41-__	5.00	7.10	1.30	11.95	9.71	8.21	7.22
635-A-42-__	5.00	7.10	1.62	12.99	10.61	8.98	7.89
w/ 9V Battery Compartment							
635-A-21-9V-__	2.60	4.25	1.12	6.72	5.46	4.62	4.06
635-A-27-9V-__	3.14	5.31	1.51	9.84	7.99	6.77	5.95
635-A-31-9V-__	5.10	5.30	1.71	12.17	9.88	8.37	7.35
635-A-41-9V-__	5.00	7.10	1.30	13.51	10.98	9.29	8.16
635-A-42-9V-__	5.00	7.10	1.62	14.18	11.52	9.75	8.57

C - SERIES



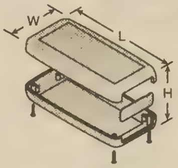
There are 3 colors available, replace the (__) in the part number with: A for **Almond** or B for **Black** or G for **Gray**

For quantities greater than listed, call for quote.

Standard							
635-C-4-__	1.38	2.13	0.58	2.64	2.15	1.82	1.64
635-C-6-__	1.61	2.26	0.75	2.64	2.15	1.82	1.64
635-C-8-__	1.85	2.40	0.93	2.64	2.15	1.82	1.64
w/ Pocket Clip							
635-C-4PC-__	1.32	2.13	0.58	4.61	3.74	3.17	2.78
635-C-6PC-__	1.61	2.26	0.75	4.61	3.74	3.17	2.78
635-C-8PC-__	1.85	2.40	0.93	4.61	3.74	3.17	2.78

H - SERIES

Features:
- Hi-Impact ABS, 94HB
- Dedicated 9V or AA battery compartment



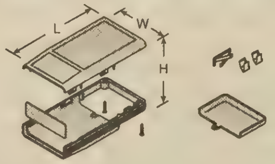
There are 3 colors available, replace the (__) in the part number with: A for **Almond** or B for **Black** or G for **Gray**

For quantities greater than listed, call for quote.

Standard							
635-H-65-__	2.75	4.94	0.94	6.43	5.04	4.28	3.98
635-H-67-__	2.75	4.94	1.275	7.51	6.10	5.16	4.54
635-H-75-__	3.65	7.20	1.26	8.66	6.99	5.95	5.23
w/ AA Battery Compartment							
635-H-65AA-__	2.75	4.94	0.94	7.04	5.53	4.69	4.36
635-H-67AA-__	2.75	4.94	1.275	8.18	6.65	5.63	4.95
635-H-75-4AA-__	3.65	7.20	1.26	11.62	9.44	7.99	6.99
w/ 9V Battery Compartment							
635-H-659V-__	2.75	4.94	0.94	6.93	5.45	4.62	4.29
635-H-679V-__	2.75	4.94	1.275	8.09	6.57	5.56	4.89
635-H-759V-__	3.65	7.20	1.26	9.62	7.82	6.62	5.81
w/ Access Panel							
635-H-65AC-__	2.75	4.94	0.94	6.91	5.62	4.75	4.18
635-H-67AC-__	2.75	4.94	1.275	6.99	5.75	4.87	4.28

M - SERIES

- Hi-Impact ABS, 94HB



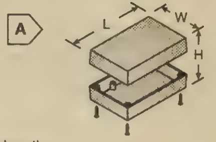
There are 3 colors available, replace the (__) in the part number with: A for **Almond** or B for **Black** or G for **Gray**

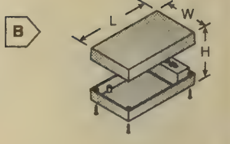
For quantities greater than listed, call for quote.

Standard							
635-M-4-__	2.20	2.80	0.70	5.40	4.24	3.60	3.34
635-M-6-__	2.40	4.15	0.85	6.72	5.28	4.48	4.16
635-M-8-__	2.40	6.97	0.85	7.98	6.27	5.32	4.94
w/ Pocket Clip							
635-M-4PC-__	2.20	2.80	0.70	6.36	4.99	4.24	3.94
635-M-6PC-__	2.40	4.15	0.85	7.73	6.07	5.15	4.78
635-M-8PC-__	2.40	6.97	0.85	9.20	7.23	6.13	5.69

S - SERIES

Features:
- Hi-Impact ABS, 94HB
- Circuit board bosses





There are 3 colors available, replace the (__) in the part number with: A for **Almond** or B for **Black** or G for **Gray**

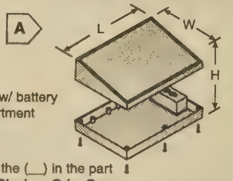
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		W	L	H	1	25	50	100
Standard								
635-031-__	A	3.25	4.38	0.91	4.70	3.82	3.32	2.84
* 635-031-I-__	A	3.25	4.38	0.91	4.27	3.47	2.94	2.58
* 635-051-I-__	A	3.26	5.63	0.91	4.99	3.99	3.47	2.99
635-052-__	A	3.26	5.63	1.41	5.39	4.39	3.71	3.26
635-071-__	A	4.88	6.88	0.91	7.44	5.99	5.12	4.49
* 635-093-I-__	A	6.35	9.50	1.91	12.38	9.99	8.51	7.48
* 635-110-I-__	A	2.27	3.63	1.00	3.46	2.81	2.38	2.09
635-111-__	A	2.27	3.63	1.51	3.99	3.26	2.76	2.42
635-131-__	A	3.25	4.38	1.51	5.11	4.15	3.51	3.09
* 635-131-I-__	A	3.25	4.38	1.51	4.68	3.80	3.22	2.83
635-133-__	A	3.25	4.38	2.51	5.76	4.68	3.96	3.48
635-151-__	A	3.25	5.63	1.51	5.99	4.88	4.13	3.63
* 635-151-I-__	A	3.25	5.63	1.51	5.49	4.46	3.78	3.32
635-153-__	A	3.25	5.63	2.51	6.74	5.48	4.64	4.08
635-171-__	A	4.88	6.88	1.51	8.57	6.96	5.89	5.18
* 635-171-I-__	A	4.88	6.88	1.51	8.14	6.61	5.59	4.92
635-172-__	A	4.88	6.88	2.01	8.18	6.65	5.63	4.95
* 635-172-I-__	A	4.88	6.88	2.01	7.75	6.29	5.33	4.68
635-173-__	A	4.88	6.88	2.51	9.65	7.84	6.63	5.83
* 635-182-I-__	A	5.96	13.96	2.01	13.99	11.43	9.66	8.49
635-191-__	A	6.35	9.50	1.51	12.46	10.12	8.56	7.53
635-193-__	A	6.35	9.50	2.51	13.60	11.06	9.36	8.22
w/ 9V Battery Compartment								
635-211-__	B	2.60	4.10	1.51	4.90	3.98	3.37	2.96
635-231-__	B	3.25	4.38	1.51	5.99	4.88	4.13	3.63
* 635-231-I-__	B	3.25	4.38	1.51	5.99	4.88	4.13	3.63
635-232-__	B	3.25	4.38	2.01	5.93	4.82	4.08	3.58
* 635-251-I-__	B	3.25	5.63	1.51	7.37	5.99	5.07	4.45
635-252-__	B	3.25	5.63	2.01	7.44	5.99	5.12	4.49
635-272-__	B	4.88	6.88	2.01	9.99	8.21	6.95	6.10
* 635-272-I-__	B	4.88	6.88	2.01	9.99	8.21	6.95	6.10

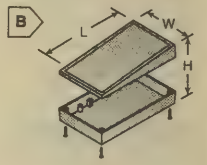
* Recessed top, .015" typ., to accept graphic or membrane labels

SL - SERIES

- Hi-Impact ABS, 94HB



shown w/ battery compartment



There are 3 colors available, replace the (__) in the part number with: A for **Almond** or B for **Black** or G for **Gray**

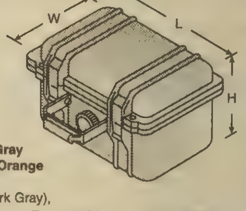
For quantities greater than listed, call for quote

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Price Each			
		W	L	H	1	25	50	100
635-07-S-__	A	4.88	6.88	1.86	7.44	5.99	5.12	4.49
635-15-S-__	B	3.25	5.63	1.51	5.99	4.88	4.13	3.63
635-17-S-__	A	4.88	6.88	2.45	7.69	6.26	5.29	4.65
* 635-25-S-__	B	3.25	5.63	1.51	6.94	5.63	4.77	4.19
* 635-27-S-__	A	6.88	4.88	2.45	9.41	7.64	6.47	5.68

* 9V battery compartment

R - SERIES

- Unbreakable light-weight structural resin
- O-ring watertight/airtight seal
- Pressure purge value
- Ergonomic handle
- Corrosion proof
- Foam inserts
- UV protected
- Lifetime guarantee



There are four colors available, replace the (__) in the part number with:

R-100, R-200, R-600, and R-700 Series: B for **Black, G** for **Gray** (Light Gray), CY for **Caution Yellow,** or IO for **International Orange**

R-120 and R-300 Series: B for **Black, GM** for **Gunmetal** (Dark Gray), CY for **Caution Yellow**, or IO for **International Orange**

For quantities greater than listed, call for quote

MOUSER STOCK NO.	Dimensions (In.)			Price Each	
	W	L	H	1	10
* 635-R-100-__	6.50	8.50	3.25	19.54	18.56
635-R-120-__	7.45	8.70	3.89	16.45	15.63
635-R-200-__	7.75	9.25	4.50	24.58	23.35
635-R-300-__	9.75	10.70	5.00	25.26	24.00
635-R-500-__	12.00	13.00	6.00	58.61	55.68
635-R-600-__	13.00	16.00	7.00	75.73	71.94
635-R-700-__	15.50	19.25	7.50	97.24	92.38

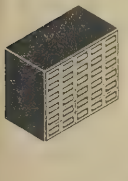
* Not available in Gray

Packaging and Storage Systems

Flambeau® CONDUCTIVE STORAGE SYSTEMS

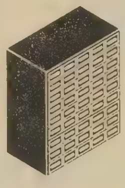
High density storage can be achieved with these all plastic cabinets. They are designed with a sturdy shell and drawer rail structure for extra strength when fully loaded. These rugged cabinets are durable, rustproof, and dentproof. The state-of-the-art black conductive cabinets provides safe storage with carbon filled copolymer shells and drawers to protect MOS, CMOS, IC's, memory chips, precision resistors, ESD components, prints, and equipment from static damage. Dividers are available for added storage flexibility.

U30PC



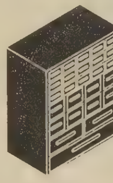
- 30 "TW" drawers

U45PC



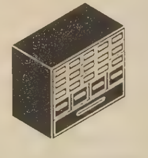
- 45 "TW" drawers

C26PC



- 15 "TW" drawers
- 8 "TQ" drawers
- 2 "TJ" drawers
- 1 "TF" drawer

C20PC



- 15 "TW" drawers
- 4 "TQ" drawers
- 1 "TF" drawer

Cabinets

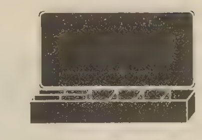
MOUSER STOCK NO.	Dimensions (In.)			Price Each			
	H	W	D	1	5	10	25
582-U45PC	16 1/2	12	6	60.45	55.61	51.17	47.07
582-U30PC	11 1/4	12	6	45.05	41.45	38.13	35.08
582-C26PC	16 1/2	12	6	59.88	55.09	50.68	46.63
582-C20PC	11 1/4	12	6	45.05	41.45	38.13	35.08

Dividers

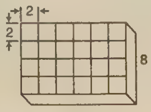
MOUSER STOCK NO.	* Fits Drawer	Price Each	
		1	24
582-3552C	TW	.13	.12

Flambeau® CONDUCTIVE BOXES

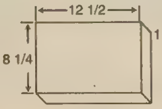
Available in single-compartment and multi-compartment styles. These conductive carbon filled polypropylene boxes are ideal for storage and transportation of static-sensitive parts and components. The material is in compliance with military specification. MIL-B-81-705B.



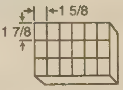
DIMENSIONS (IN.)



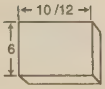
C824



C801



C618



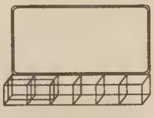
C601

*Includes outside lid overlap and hinges

MOUSER STOCK NO.	* Dimensions (In.)			Price Each			
	L	W	H	1	5	10	25
582-C601	11	6 3/4	1 3/4	13.48	12.40	11.41	10.50
582-C618	11	6 3/4	1 3/4	16.12	14.83	13.64	12.55
582-C801	13 1/8	9	2 5/16	22.50	20.70	19.04	17.52
582-C824	13 1/8	9	2 5/16	24.65	22.68	20.86	19.20

Flambeau® K-RESIN BOXES

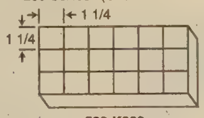
These compact, compartmented, transparent, K-resin boxes are designed for heavy duty applications and are superior to ordinary polystyrene boxes. K-resin boxes are less susceptible to breakage.



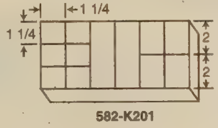
"200" Series

MOUSER STOCK NO.	Price Each			
	1	6	12	24
582-K200	2.60	2.39	2.20	2.03
582-K201	2.60	2.39	2.20	2.03
582-K203	2.60	2.39	2.20	2.03
582-K206	2.60	2.39	2.20	2.03
582-K208	2.60	2.39	2.20	2.03

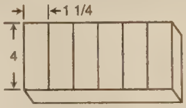
"200 Series" (Overall Size: 8 1/4 x 4 1/2 x 1 3/8" deep includes outside lid overlap and hinges). All boxes are 1 1/8" tall.



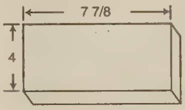
582-K200



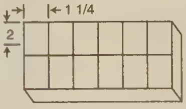
582-K201



582-K203



582-K206



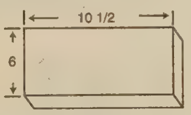
582-K208

DIMENSIONS (IN.)

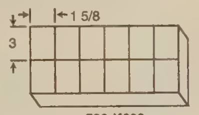
"600" Series

MOUSER STOCK NO.	Price Each			
	1	5	10	25
582-K601	5.12	4.71	4.33	3.99
582-K602	5.12	4.71	4.33	3.99
582-K606	5.12	4.71	4.33	3.99
582-K618	5.12	4.71	4.33	3.99

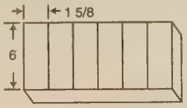
"600 Series" (Overall Size: 11 x 6 3/4 x 1 3/4" deep includes outside lid overlap and hinges). All boxes are 1 1/2" tall.



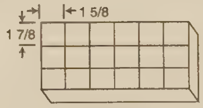
582-K601



582-K602



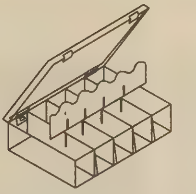
582-K606



582-K618

PLASTIC UTILITY BOXES

Tough, durable polypropylene boxes with snap-tight lids, heavy partitions and walls, and sturdy hinges. Partitions are moveable in the two larger boxes to meet storage requirements.

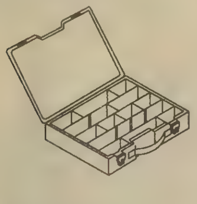


- Translucent
- Flexible

MOUSER STOCK NO.	Dimensions (In.)			Compart-ments	Price Each
	L	W	H		
400-1406	8 1/2	4 3/4	1 1/2	1 to 18	2.94

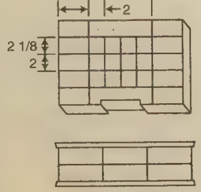
Flambeau® SATCHEL-STYLE CASES

These satchel-style cases are molded from rugged copolymer resin to meet a variety of storage and carrying needs. Features include: comfortable strap handle retained by rustproof metal hardware, double draw bolt latches, pinned hinges, tongue-and-groove amber-tinned cover. Copolymer resin provides a rustproof, odor and oil resistant case of almost unlimited use.

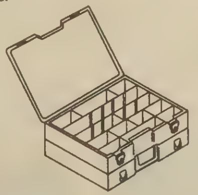


Model 724-2 (15" x 11 3/4" x 2 1/2") with 15 removable dividers. Users can customize this case from 9 to 24 compartments.

MOUSER STOCK NO.	Price Each			
	1	4	6	12
582-7242	14.30	13.16	12.10	11.14



DIMENSIONS (IN.)

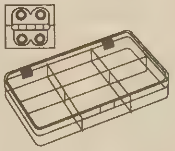


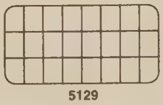
Model 748-2 (15" x 11 3/4" x 5")
A two sided case with 9 to 24 compartments available per side. Boxes are sonically welded together for strength. (With dividers)

MOUSER STOCK NO.	Price Each			
	1	4	6	12
582-7482	29.04	26.72	24.58	22.61

Flambeau MIGHTY TUFF® PARTS BOXES

These compact, compartmented boxes are superior to ordinary polystyrene boxes. Mighty Tuff boxes are molded from sturdy, transparent cellulose propionate, and provide for virtually any storage need. Quality construction is virtually unbreakable, resistant to oil, and most common chemicals and solvents. Each box features rustproof metal hinges and rounded corners.





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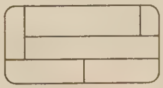
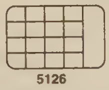
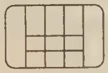


5130



5126



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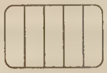

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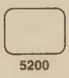

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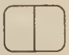

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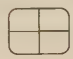

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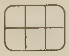


5205

*Inside dimensions

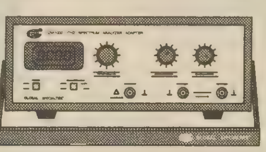
MOUSER STOCK NO.	* Dimensions (In.)			Price Each			
	L	W	D	1	6	12	24
582-5129	11 7/8	5 7/8	1 7/16	8.50	7.82	7.19	6.62
582-5130	11 7/8	5 7/8	1 7/16	8.50	7.82	7.19	6.62
582-5126	7	4	1 1/16	4.61	4.24	3.90	3.59
582-5127	7	4	1 1/16	4.61	4.24	3.90	3.59
582-5128	7	4	11/16	4.61	4.24	3.90	3.59
582-5200	4 3/8	2 5/8	1 1/16	2.91	2.68	2.46	2.27
582-5202	4 3/8	2 5/8	1 1/16	2.91	2.68	2.46	2.27
582-5204	4 3/8	2 5/8	1 1/16	2.91	2.68	2.46	2.27
582-5206	4 3/8	2 5/8	11/16	2.91	2.68	2.46	2.27

GLOBAL SPECIALTIES
INSTRUMENTS

Test Equipment, Breadboards, and Software

SPECTRUM ANALYZER SCOPE ADAPTER

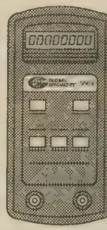
- Converts any oscilloscope into an accurate, cost effective spectrum analyzer
- 250kHz bandwidth, variable scan width & scan speed
- High accuracy (1.5dB typ.), built-in calibration marker
- 400kHz to 1000MHz frequency range
- Wide dynamic range, -70dBm to 0 dBm
- Digital readout of center frequency



510-GSA1000	$1050.00

MODEL 5003 FREQUENCY COUNTER

- 1.3GHz hand held frequency counter
- 5Hz to 1300MHz frequency range
- Very high sensitivity at all frequencies
- Frequency and period measurement, 0.0001mHz resolution
- Reciprocal counting technique gives superior accuracy
- Push-to-measure function with auto power-down
- Large 8-digit display with full range of indicators
- Three year warranty

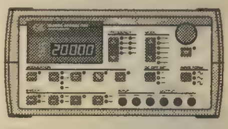


510-5003	$250.00

PURE WAVE FUNCTION GENERATOR

Microprocessor controls deliver a purely stable and accurate output with frequency stability of 0.1% and total harmonic distortion is less that 1%. Each unit comes with a standard RS-232 interface, as well as a 40MHz external frequency counter.

- 2, 5, 10 and 20MHz models
- AM/FM modulation and burst mode (20MHz only)
- Linear and log sweep (5, 10, 20 MHZ versions)
- Variable duty cycle and DC offset controls

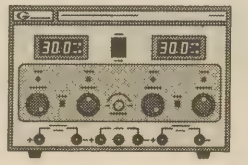


510-2102	2MHz	$469.00
510-2105	5MHz	$545.00
510-2110	10MHz	$615.00
510-2120	20MHz	$715.00

MODEL 1302B DC POWER SUPPLY

The 510-1302A features three completely isolated voltage supplies: a fixed/variable 5 VDC, 5.0A output, two variable 0-30 VDC, 2.0A outputs are available via front panel, and color-coded binding posts. The separate front panel 3 inch LED displays allow you to monitor voltage from 0-30V and current from 0-2A.

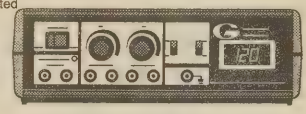
- Three Year Warranty



510-1302	$595.00

1301A & 1310 DC POWER SUPPLY

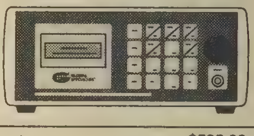
- Triple outputs: 1301A-one +5VDC @ 1.0A and two variable 1.5-1.8VDC #8.5A (anolog); 1301-one 5VDC @ 1.0A and two varible 1.3-2.0VDC @ 0.25A (digital)
- Isolated, independant supplies
- Sales and parallel operation
- Short circuit protected



510-1301A	$249.95
510-1310	$174.00

2003 FUNCTION GENERATOR

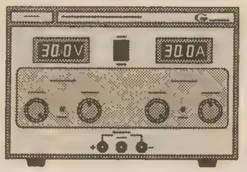
- Fully synthesized
- DC to 1.6 MHz
- Trigger, sweep, burst, hop, gate, and continuous modes
- Internal linear/log sweep across frequency range
- External trigger and gate
- TS232 communications port
- Three year warranty



510-2003	$525.00

1332A POWER SUPPLY

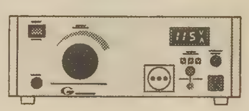
- 0-32V; 0-5A continuously variable with coarse and fine controls
- Short circuit protected
- Two digital readouts: monitor current or voltage
- Constant voltage or constant current mode with green & red LED indicators
- Heavy duty transformer isolated design



510-1332A	$360.00

1504 & 1505 AC POWER SUPPLIES

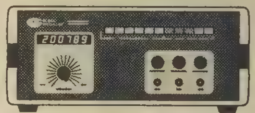
- **Model 1504 Single Range:** 0-150VAC @ 4A
- **Model 1505 Dual Range:** 0-150VAC @ 4A, 0-260VAC @ 2A
- Triple isolated continuously variable AC output
- Power line leakage current measurement facility
- 3-digit DPM for high accuracy
- Capacitive coupling less than 0.0005pF
- Galvanic leakage less than 10µA
- 120dB attenuation for common mode noise
- Three year warranty



510-1504	$425.00
510-1505	$610.00

2002D FUNCTION GENERATOR

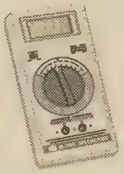
- 2MHz multi-purpose sweep generator with internal 6-digit frequency counter
- Wide frequency range 0.2Hz to 2MHz
- Provides sine, triangle, square wave, and ramp outputs
- Continuously variable 50Ω output
- Variable DC offset
- Symmetry control
- Separate TTL output provides duty-cycle adjustment
- Sweep input allows VCO control of frequency
- Model 2002 available without digital display
- Three year warranty



510-2002	$280.00

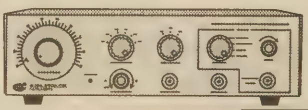
3000 HAND-HELD CAPACITANCE METER

- Hand-held or tilt-stand bench mount with a LCD 3 1/2 digital display
- Wide measurement range
- Battery operated portability with low battery indication
- Zero "nul" adjustment wheel and low insertion test jacks
- Fastl/precise measurement without complicated control settings



510-3000	$99.00

2001A ECONOMICAL FUNCTION GENERATOR



- Exceptionally low sine wave distortion
- Sine, square, triangle plus TTl outputs
- <1% THD or <1% sine wave distortion
- 1Hz to 0.2MHz
- Variable DC offset
- Sweepable 100:1 with ±10V input
- High and low level variable 50 and 600 ohm outputs

510-2001A	$185.00

UNPOWERED PROTO-BOARDS™

Unlimited Lifetime Guarantee on all Global Breadboard Sockets.

510-PB-10

- 840 tie points
- 3 binding posts
- Plastic backplate 7x4x1.4 inches (LxWxH)
- 8 14pin DIP cap

510-PB-103

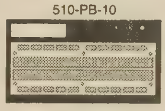
- 2250 tie points
- 4 binding posts
- Aluminum backplate 9x6x1.4 inches (LxWxH)
- 24 14pin DIP cap

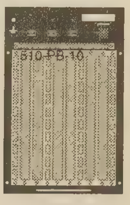
510-PB-10	$17.44
510-PB-103	$44.00
510-04-1050	$95.00

510-04-1050

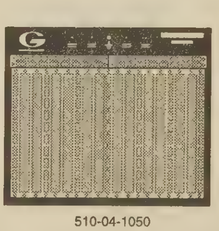
- Largest breadboard available
- 4560 tie points
- 5 binding posts
- Aluminum backplate 9.2x11.4x1.4 inches (LxWxH)
- Contact resistance: < .5mΩ
- 48 14-pin DIP capacity

510-PB-10





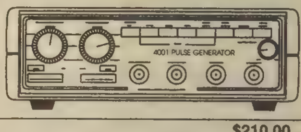
510-PB-103



510-04-1050

4001 PULSE GENERATOR

- Independent settings of pulse width and pulse spacing
- Outputs from 0.5Hz to 5MHz
- Complement output-inverts waveform
- Variable output for CMOS circuitry
- Symmetrical square wave outputs
- Four modes-run, triggered, gated, one-shot
- Power required: 105-135AC, 57-63Hz, 6VA maximum
- Sizes (H x W x D): 3" x 10" x 7", weight: 2.2 lbs.
- Three year warranty



510-4001	$210.00

POWERED PROTO-BOARDS™

Unlimited Lifetime Guarantee on all Global Breadboard Sockets.

PB-503:

- 1 to 100KHz function generator and TTL outputs
- Voltage: 5V and variable ±5-15VDC power supplies
- 2520 tie-points
- 8 logic probe circuits, LED indicators, pulsers, potentiometers and speaker
- Bench-top workstation

PB-503C:

- Identical to PB-503 In portable design workstation
- Housed in a rugged carrying case

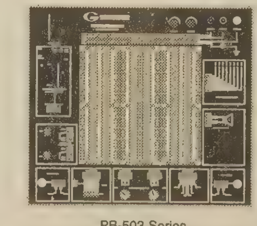
PB-203A:

- 5VDC, 1A power supply
- Separate +5.5-18VDC/-5.5-18VDC power supplies-capable of 500mA @ 15VDC
- Factory pre-set power to +/-15VDC
- Voltages independently adjustable
- Twenty four 14 pin DIP capacity

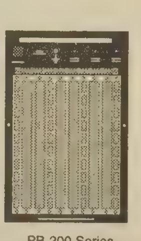
MOUSER STOCK NO.	Weight (lb.)	Price Each
510-PB-503	7	299.95
510-PB-503C	7.8	349.95
510-PB-203A	5.5	183.00
510-PB-204	5	121.00

PB-204:

- 5VDC, 1A power supply
- Separate +12/-12VDC power supplies-capable of 250mA
- Powered from external pak twenty four 14 pin DIP capacity



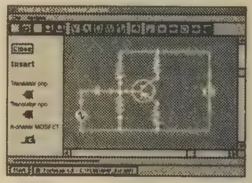
PB-503 Series



PB-200 Series

CIRCUIT SIMULATOR SOFTWARE

Protolab 4.0 is a low-cost circuit design and simulation package completely redesigned for use with Microsoft Windows®95. Create and edit circuits instantly on your PC while choosing from a complete list of active and passive components including transistors, diodes, voltage, and signal sources, or select from a long list of pre-designed circuits or additions to your designs. When finished, analyze the circuit with the built-in oscilloscope, voltmeter, ammeter, ohmmeter or wattmeter.



MOUSER STOCK NO.	Description	Price Each
510-PL-0007	Protolab 4.0	$49.95

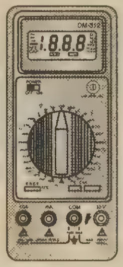
MORROW WAVE, Inc.
a subsidiary of EZ Digital

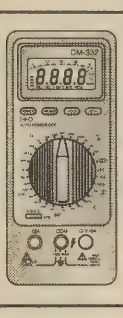
Test Equipment

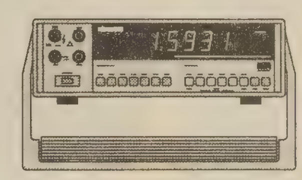
DIGITAL METERS

A

Pocket Size

B


C


D

True RMS

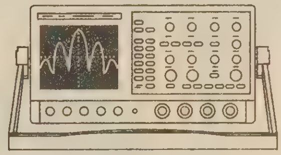
MOUSER STOCK NO.	Fig.	DCV Accuracy	Ranging	Dispay LCD	Dispay Count	Analog Bar Graph	Data Hold	Capacitance	Frequency	TR hFE	Over Range Indication	Safety Holster	Auto Off	Warranty	Price Each
585-DM733	A	1.3	Auto/Man	3 3/4	3200	Yes	Yes	No	No	No	No	No	Yes	1 Year	28.50
585-DM311	B	0.5	Man	3 1/2	2000	No	No	No	No	No	Yes	Yes	No	1Year	45.99
585-DM313	B	0.5	Auto/Man	3 1/2	2000	No	Yes	No	No	No	Yes	Yes	No	1 Year	59.99
585-DM333	C	0.5	Auto/Man	3 3/4	3200	Yes	Yes	No	No	No	Yes	Yes	Yes	1 Year	69.99
585-DM312	B	0.5	Man	3 1/2	2000	No	No	Yes	Yes	Yes	Yes	Yes	No	1 Year	79.99
585-DM334	C	0.5	Auto/Man	3 3/4	4000	Yes	Yes	No	Yes	No	Yes	Yes	Yes	1Year	99.99
585-DM332	C	0.5	Man	3 3/4	4000	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1 Year	105.74
585-DM441B	D	0.05	Man	4 1/2	20000	No	Yes	No	Yes	Yes	No	No	No	1 Year	229.99

100MHZ OSCILLOSCOPES

Features:
- DC to 100MHz bandwidth
- Dual time base
- HF/LF reject trigger filters
- Delayed sweep function
- 5ns/div fast sweep rate
- Frequency counter function (only on autoset)
- CH1 output
- 400V max. input voltage
- Holdoff function
- Blue CRT for higher resolutions

MOUSER STOCK NO.	Channels	Traces	Price Each
585-OS5100RA	4	8	1549.00
585-OS5100RB	2	4	1359.00

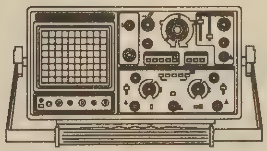
Auto set function
Cursor readout



OSCILLOSCOPES

The newest oscilloscopes from Goldstar offer economic choice for high quality. Suitable for use in schools, production, service, and maintenance of consumer products

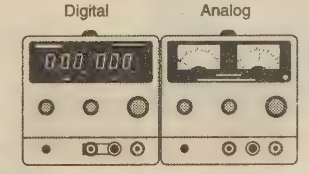
Common Features:
- 6" rectangular CRT (8x10 DIV)
- Ch2 polarity inversion switch
- High-sensitivity X-Y operation
- Vertical gain sensitivity x5 magnifier
- Horizontal sweep time x10 magnifier
- Automatic focus
- Warranty: 2 years
- TV sync circuit
- Variable hold-off function
- Z-axis (intensity modulation)
- Level control for superior triggering
- Meets IEC-348 safety requirement
- 100V/120V/220V/240V, 50-60Hz, power source


(User manual, 2 spare fuses, and probe set included)

MOUSER STOCK NO.	Freq. MHz	Trace	Channel	Signal Delay	Alt Trigger	RS232 Inter-face	Comp-act Size	Price Each
585-OS3020	20	Dual	2	No	No	Yes	No	1050.00
585-OS5020P	20	Dual	2	No	Yes	No	Yes	427.00
585-OS5040A	40	Dual	2	No	No	No	No	776.00
585-OS5100	100	Dual	2	Yes	Yes	No	No	1022.77

REGULATED DC POWER SUPPLY

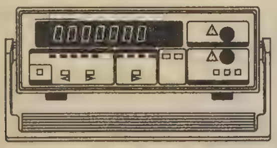
Features:
- Plastic case, considerably light
- Compact size, easy to carry
- Low power consumption
- Output polarity: positive and negative
- CC/CV indicator
- Built-in output current limit circuit
- Built-in 4 digit green LED for digital display (GP-4303D)
- Low ripple voltage less than 1.5mVp-p
- Overload protection circuit



MOUSER STOCK NO.	Description	Price Each
585-GP4303A	Analog 30VDC 0-3A power supply	199.00
585-GP4303D	Digital 30VDC 0-3A power supply	229.00

FREQUENCY COUNTERS

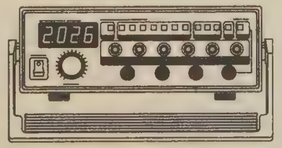
Features:
- AC/DC coupling
- Attenuator (10:1)
- One year warranty
- Built-in CMOS gate array
- Fast, high-resolution, 8-digit green LED display
- Reciprocal technique for low frequency resolution
- Microprocessor controlled
- Total, RPM function, period
- INT/EXT time base selectable



MOUSER STOCK NO.	Description	Price Each
585-FC-7015	150MHz multi-function counter	269.00
585-FC-7015U	Universal 150MHz multi-function count.	309.00
585-FC-7150	1.5GHz multi-function counter	309.99
585-FC-7150U	Universal 1.5GHz multi-function count.	369.00

FUNCTION GENERATORS

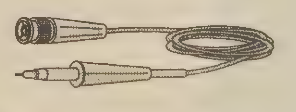
Features:
- One year warranty
- Maximum attenuation of 40dB can be obtained
- Wide frequency range: 0.02Hz to 2MHz
- TTL/CMOS leveled square wave output
- Linear sweep control from 1:1 to 100:1
- Built-in 4-digit green LED display (FG-2002C only)
- Low distortion factor less than 1% at 10Hz to 100KHz
- Output impedance changeable: 50Ω or 600Ω (FG-2002C only)
- Variable symmetry to generate saw-tooth and pulse wave forms
- Versatile waveforms: sine, triangle, square, ramp and pulse, saw-tooth
- DC offset control



MOUSER STOCK NO.	Price Each
585-FG-8002	199.00
585-FG-7002C	349.00

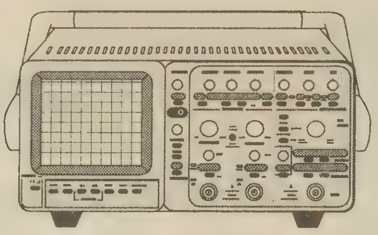
OSCILLOSCOPE PROBE SET

Contents of Each Kit:
- Probe w/ x1/x10 switch setting
- Band width: 100 MHz (x10); 10MHz (x1)
- 1 insulating tip
- 1 spring hook
- 1 trimmer tool
- 1 I.C. tip
- 1 BNC adapter
- 1 ground lead
- 1 measuring tip



MOUSER STOCK NO.	Description	Price Each
585-OS-100A	2 probe kits, overall length is 59"	54.25

DIGITAL STORAGE OSCILLOSCOPES



615-5105 Illustrated

Specifications:

- 20MHz bandwidth
- 40Ms/s sampling rate
- 2 channels
- Autoset
- 4x8KB memory
- Cursors and readouts
- RS-232 interface standard
- IEEE-488 interface standard
- 50ns glitch capture
- Up to 8,000 samples per waveform
- Dual time base
- Pre-trigger
- Triggers to 40MHz
- Lab View® or Lab Windows® compatible
- IEC 1010 class 1 safety compliance
- 3-year warranty

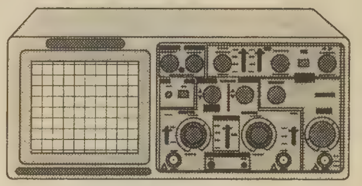
615-5020 **$1695.00**

Specifications:

- 100MHz bandwidth
- 40Ms/s sampling rate
- 2 channels
- Autoset
- 4x8KB memory
- Cursors and readouts
- RS-232 interface standard
- IEEE-488 interface standard
- 8x10cm display
- 50ns glitch capture
- Up to 8,000 samples per waveform
- Dual time base
- Pre-trigger
- Triggers to 180MHz
- Lab View® or Lab Windows® compatible
- IEC 1010 class 1 safety compliance
- 3-year warranty

615-5105 **$2195.00**

OSCILLOSCOPES



615-1541D Illustrated

40MHz Dual-Channel

Specifications:

- 1 mV/div sensitivity
- 19 calibrated sweeps
- Video sync separators
- X10 sweep mag
- 3 year warranty

615-1541D **$799.00**

30MHz Dual-Trace (2120B)

Specifications:

- 1 mV/div sensitivity
- Dual or single trace operation
- Calibrated 19 step time base with x10 magnifier
- Compact low-profile design
- AUTO/NORM triggered sweep operation with AC, TVH, TVV, and line coupling
- 2 year warranty

615-2120B **$454.23**

100MHz Three-Trace Dual Time Base

Specifications:

- 1mV/division sensitivity
- Sweeps to 5ns/division
- 22 calibrated ranges, main time base
- 19 calibrated ranges on delayed time base
- Signal delay line
- Channel 1 output
- Trigger view channel, CH 3
- 15kV accelerating voltage

615-2190B **$1599.00**

60MHz Dual-Trace

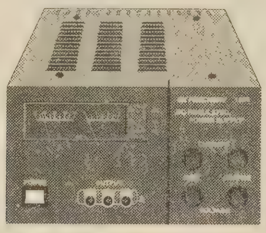
Specifications:

- 1 mV/div sensitivity
- Sweep to 5ns/div
- 23 calibrated ranges - main time base
- 19 calibrated ranges - delayed time base
- Signal delay line
- Component tester
- V mode-displays two signals unrelated in frequency
- Z axis input
- Single sweep
- Beam finder
- UNCAL indicators
- 3 year warranty

615-2160A **$1099.00**

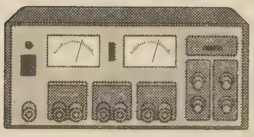
DC POWER SUPPLIES

B&K-PRECISION power supplies provide the versatility and reliability required for a broad spectrum of laboratory and service applications. They are ideal for use in engineering, industrial service shop, lab, and school applications. Each power supply is built for continued stability and accuracy over a wide range of operating conditions.

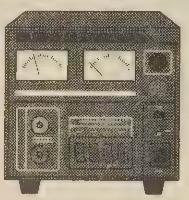


NEW!

Single Output
615-1620 Illustrated



Triple Output
615-1760 Illustrated



High Current
615-1686 Illustrated

Single Output

Features:

- Output voltage: 0-18V
- Output current: 0-5A
- Constant voltage/constant current operation
- Continuously monitor voltage and current output on two meters
- 2 analog
- 1 year warranty

615-1620 **$209.00**

Features:

- Output voltage: 0-30V
- Output current: 0-1A
- Constant voltage/constant current operation
- 2 analog
- 2 year warranty

615-1710 **$235.00**

Features:

- Output voltage: 0-60V
- Output current: 0-2A
- Constant voltage/constant current operation
- 2 analog
- 2 year warranty

615-1711 **$315.00**

Features:

- Output voltage: 0-30V
- Output current: 0-3A
- Constant voltage/constant current operation
- 2 analog
- Operate continuously at full load without overheating
- Coarse and fine voltage controls
- 2 year warranty

615-1730 **$319.00**

Triple Output

Features:

- Two 0-30VDC, 2A sections capable of independent, series or parallel operation
- One 4-6.5VDC, 5A section
- Switchable series/parallel operation 30V sections
- Adjustable current limit controls 30V sections
- Two 3 digit LED displays - one reads volts or amps of "B" supply - one reads volts or amps of "A" supply or 4V-6.5V supply
- Unique variable tracking, B track A at 5% to 100%

615-1760 **$650.00**

Compact Triple Output

- Two 0-24VDC outputs (0.5A)
- One fixed 5V output (4A)
- Independent or tracking operation
- Adjustable current limiting
- Designed to operate continuously at rated output
- Overload protection: short circuit, overvoltage, and reverse polarity
- Connect outputs in series for higher voltage output or in parallel for higher current output (switch selectable)
- 1 year warranty

615-1651A **$435.00**

- Output voltage: 0-30V @ 2.5A; 12V and 5V @ 0.5A
- All features of Model 1651

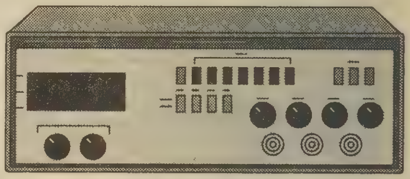
615-1670 **$199.00**

High Current

- 3-14VDC output
- 12A guaranteed, 12A typical @ 13.8V
- Overload protection: short circuit, overvoltage, and reverse polarity
- Thermostatically controlled cooling fan
- 1 year warranty

615-1686 **$199.00**

FUNCTION GENERATORS



615-4011 Illustrated

B&K-PRECISION offers a full-range of function generators so you can choose the generator best suited to your own activities or applications. The line consists of a variety of high performance generators including function, sweep/function, RF, and audio. All are rugged lab-grade instruments capable of satisfying a variety of engineering, testing, and service situations. Each has been engineered for high-reliability and user operating convenience.

Sine/Square Wave Audio Generator

Features:

- 20Hz-150kHz in 46 steps
- Low distortion R-C oscillator
- Variable output control
- Low battery indicator

615-3001 **$79.00**

5MHz Function Generator with Digital Display

Features:

- 0.5Hz-5MHz
- Sine, square, triangle, pulse, and ramp output
- Coarse and fine tuning
- 4 digit LED display
- Variable duty cycle
- Variable DC offset

615-4011A **$315.00**

2MHz Function Generator

Features:

- 0.2Hz-2MHz in 7 ranges
- Sine, square, triangle, pulse, and ramp output
- Variable duty cycle
- Variable DC offset

615-4010A **$250.00**

10MHz Sweep/Function Generator with Digital Display

Features:

- 0.1Hz-10MHz
- Linear and log sweep
- 5 digit LED display
- All features of Model 4011A

615-4017A **$399.00**

ACCESSORIES

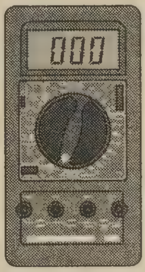
MOUSER STOCK NO.	Manufacturer Part Number	Description	Price Each
615-AK5300	AK5300	RS232 cables and software for 615-5370	195.00
615-1943991	194-039-9-001	Fuse for DMM 2703-2707	5.34
615-1944191	194-041-9-001	Fuse for DMM 2860	5.20
615-1944391	194-043-9-001	Fuse for DMM 388-391	5.20
615-1944491	194-044-9-001	Fuse 2A for DMM 388	5.20
615-1944591	194-045-9-001	Fuse 0.5A for DMM 389-391	2.67
615-2001	TL-1	Standard test leads	8.00
615-2002	TL-2A	Deluxe test lead set	20.00
615-2003	TL-3	Accessory tip kit	12.00
615-2100	DP-21	Digital logic probe	35.00
615-2103	CP-3	DC/AC current clamp adapter	86.00
615-2129B	LC-29B	DMM case	17.00
615-2144	HV-44A	High-voltage probe/meter 0-40,000V	109.00
615-23701	PR-37AG	Oscilloscope probe gray	46.00
615-23702	PR-37AR	Oscilloscope probe red	46.00

BK PRECISION Test Equipment

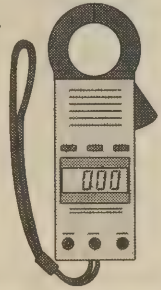
DIGITAL MULTIMETERS

A

B



C



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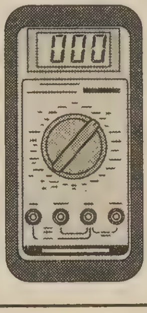
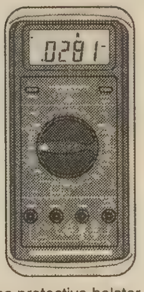
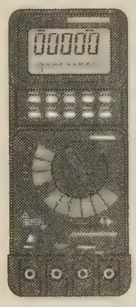


E



Includes protective holster

F



∗ True RMS

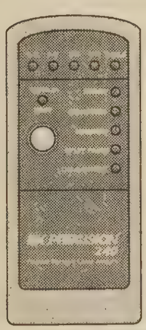
MOUSER STOCK NO.	Fig.	DCV Accuracy	Ranging	Display LCD	Analog Bar Graph	Data Hold	Memory	Cap	Frequency	Logic	Tran Gain	Temp.	Auto Off	Warranty	Price Each
615-2700	A	1.3	Auto	3200	Yes	Yes	No	No	No	No	No	No	Yes	1 Year	35.00
615-2703B	B	0.5	Manual	3 1/2	No	No	No	No	No	No	No	No	No	1 Year	39.00
615-2704B	B	0.5	Manual	3 1/2	No	No	No	Yes	No	No	Yes	No	No	1 Year	59.00
615-2706A	B	0.5	Manual	3 1/2	No	No	No	Yes	No	No	Yes	Yes	No	1 Year	79.00
615-2707A	B	0.5	Manual	3 1/2	No	No	No	Yes	Yes	Yes	Yes	No	No	1 Year	89.00
615-330B	C	1	Manual	3 1/2	No	No	No	No	No	No	No	No	Yes	1 Year	95.00
615-2860A	D	0.5	Manual	3 1/2	No	No	No	No	No	No	No	No	Yes	5 Years	99.00
615-388A	E	0.5	Manual	4000	No	No	No	Yes	Yes	Yes	Yes	No	Yes	3 Years	125.00
615-389	E	0.25	Auto	4000	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	3 Years	145.00
615-390	E	0.1	Auto	4000	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	3 Years	165.00
∗ 615-391	E	0.05	Manual	4 1/2	No	Yes	No	No	Yes	Yes	No	No	Yes	3 Years	185.00
615-5370	F	0.05	Auto	4 1/2	Yes	No	Yes	Yes	Yes	No	No	Yes	No	3 Years	289.00

REMOTE NETWORK CABLE ANALYZER

NEW IN 2001

Features:

- Tests twisted pair cables for open circuits, shorts, crossed pairs, reversed pairs, and split pairs
- Tests cables up to 450 Ft. in length
- Tone generator for tracing installed cables and locating faults
- Special designed remote unit that enables one-person testing
- Remote unit fits into master unit for convenient and safe storage
- Automatic sleep mode



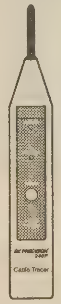
615-240	$169.00

NETWORK CABLE ANALYZER PROBE

NEW IN 2001

Features:

- When used with Model 240's tone generator function, Model 240P Probe can trace cables and locate faults
- Works with any tone generator on the market
- Special inductive plastic tip prevents accidental shorts
- Traces and identifies wires and cable in a bundle or group without damaging the insulation
- Adjustable volume level for various work enviroments

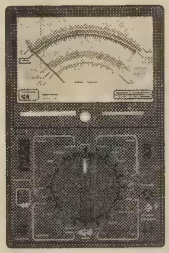


615-240P	$59.00

ANALOG MULTIMETER

Features:

- 20,000Ω/volt DC
- 28 ranges
- 3 1/2" mirrored scale
- Tests batteries under load
- Tests transistors
- Includes batteries and test leads



Specifications:

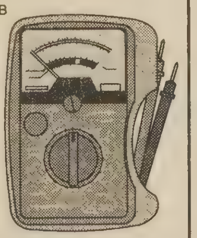
- Accuracy specifications apply from +18°C to +28°C

615-114A	$43.00

POCKET SIZED MULTIMETER

Features:

- AC/DC voltage: up to 500V • DC current: up to 250mA
- Resistance: up to 1MΩ • Decibel: up to 56dB
- 9V and 1.5V battery test
- Sensitivity: movement 2kΩ/VDC
- Power supply: 1.5V (AA battery)
- Fuse: 500mA/250V fast-acting
- Operating temp.: 0°C to 40°C, <75% RH
- Dimension: 80x120x30mm



Specifications:

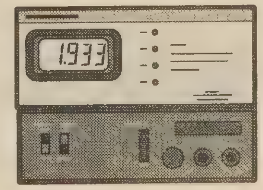
- DC voltage: 0-10/50/250/500V ±5% accuracy
- AC voltage: 0-50/250/500V ±5% accuracy
- DC current: 0-25m/250mA ±5% accuracy
- Resistance: 0-10k/1MΩ ±5% accuracy
- Battery test: 1.5V (100mA), 9V (20mA)
- dB: 4-56dB (0dB=1mW on 600Ω load)

615-117B	$20.00

AUTO RANGING CAPACITANCE METER

Features:

- 3 1/2 digit LCD display
- Measures capacitance to 199.9 mF
- 10 ranges from 199.9 pF to 100.0 mF

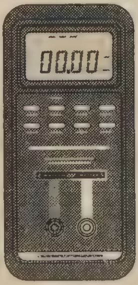


615-830	$350.00

DUAL-DISPLAY HAND-HELD LCR BRIDGE WITH STATISTICAL FUNCTIONS

Features:

- Measures capacitance, resistance, and inductance
- Measures dissipation factor of capacitors and Q of inductors
- Simultaneously displays measured value and Q or dissipation factor
- Tolerance mode "beeps" to indicate measured components outside a 1%, 5%, or 10% tolerance around a reference value
- Two selectable test frequencies (120Hz, 1kHz)
- Auto or manual ranging

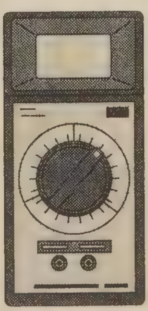


615-878	$275.00

LCR METER

Features:

- Measures capacitance, resistance, and inductance
- Measures dissipation factor of capacitor and 1/Q of inductors
- 3 1/2 digit LCD display



Specifications:

- 200μH - 200H
- 200pF - 20mF
- 2-20MΩ
- 1% accuracy

615-875B	$189.00

HAND-HELD COMPONENT TESTER

Features:

- Large 0.8" digit, high contract LCD readout
- 25 user ranges for versatile test selection
- Tests resistance from 0.1Ω through 20MΩ
- Tests transistors, SCRs, diodes, and LEDs
- Tests batteries under actual loaded conditions
- 5 foot drop-proof, heavy duty case
- Tilt stand for benchtop use

615-815	$99.00

AUTO RANGING DIGITAL DISPLAY METERS, PROFESSIONAL OR COMPACT

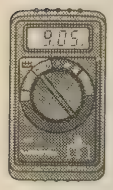


Fig. A

Features:

- High resolution, 4000 count
- Special ranges to test household batteries with good and not good LED
- Holster included

Specifications:

- DC voltage: 100mV~600V, ±0.25%
- AC voltage: 100µV~600V, ±1.5%
- DC current: 1µA~400mA, ±2.0%
- Resistance: 0.1Ω~40MΩ, ±1.0%
- Diode test and continuity beeper

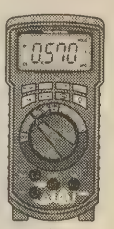


Fig.B
(220 Illustrated)

Features:

- Probe Hold™
- Auto Min Max ™ (auto ranging)
- Auto Rel™ (auto ranging)
- Digi-Glo back light
- New T-shape
- Holster included

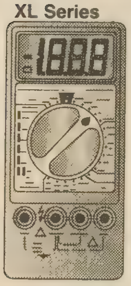
Specifications:

- DC voltage: 100µV~1000V, ±0.25%
- AC voltage: 100µV~750V, ±1.5%
- DC current: 100nA~10A, ±0.8%
- AC current: 100nA~10A, ±1.2%
- Resistance: 0.1Ω~43MΩ, ±0.5%
- Logic: TTL pulse trap indicator
- Diode test and continuity beeper

MOUSER STOCK NO.	Fig	Description	Price Each
569-DM9	A	8 functions / 19 ranges	39.95
569-220	B	8 functions / 27 ranges	149.95
569-RMS225A	B	7 functions / 21 ranges, true RMS	179.95
569-235	B	11 functions / 45 ranges, RS232C output	209.95

XL POCKET SERIES AND XT HIGH-PERFORMING SERIES FULL-FUNCTION DMM'S

XL Series



DM10XL Illustrated

Common Features:

- Large 3 1/2 digit display
- Input warning beeper
- Safety test leads
- DC voltage range: 200mV, 2V, 20V, 200V, 1000V
- DC current range: 200µA, 2mA, 20mA, 200mA
- Resistance range: 200Ω, 2KΩ, 20KΩ, 200KΩ, 2MΩ
- Diode test: 3.2VDC/1mA

- More compact
- Full-function, full-performance

569-DM2 **$29.95**

- Large LCD digits
- Safety test leads
- Input warning beeper

569-DM5XL **$39.95**

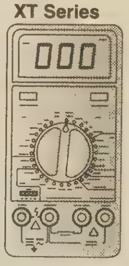
- Large LCD digits
- Safety test leads
- Input warning beeper
- Safety Tester™ feature: detects and displays the presence of particular AC or DC voltage levels through a series of LEDs

569-DM10XL **$49.95**

- Large LCD digits
- Safety test leads
- Input warning beeper
- Logic tester feature: detects and displays the presence of TTL pulses up to 20MHz

569-DM15XL **$59.95**

XT Series



Common Features:

- Large 3 1/2 digit display
- Input warning beeper
- 10A fused AC/DC current
- Logic test
- DC voltage range: 200mV, 2V, 20V, 200V, 1000V
- AC voltage range: 200mV, 2V, 20V, 200V, 750V
- AC/DC current range: 200µ, 2m, 20m, 200m, 10A
- Resistance range (Ω): 200, 2K, 20K, 200K, 2M, 20M
- Continuity test: beeper <75Ω

✻ 2000MΩ range

- Detects live AC voltages without using the DMM battery. A bank of four LEDs indicates an AC voltage presence up to 440V.
- Measures and displays temperature in either Celsius or Fahrenheit degrees
- Data hold function
- 500VAC safety tester

✻ **569-23XT** **$89.95**

- Measures signal frequencies up to 2kHz
- Capacitance measurement capability from 2nF up to 2000µF

569-25XT **$99.95**

- Measures capacitance to 2000mF
- Frequency accuracy is ±0.1% +3/1Hz
- Autoranging when measuring frequency, automatically adjusting to display the appropriate frequency unit
- AC/DC current to 20A
- Measures inductance from 1mH to 20H
- Measures signal frequencies up to 20MHz

✻ **569-27XT** **$119.95**

- Measures capacitance from 0.1pF to 20mF
- Measures signal frequencies up to 40kHz
- Autoranging when measuring frequency, automatically adjusting to display the appropriate frequency unit
- AC/DC current to 10A
- Capacitance slots

569-DM28XT **$124.95**

ACCESSORIES

- Standard test leads
- Shrouded banana plugs

Fig. A

569-RTL20 **$7.95**

- Test leads
- Non-shrouded 90° banana plugs
- 30" PVC insulated (1 red, 1 black)

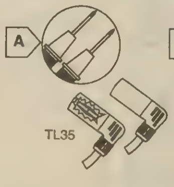
Fig. B

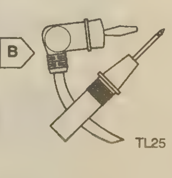
569-RTL25 **$5.50**

- Threaded for alligator clips
- Shrouded 90° banana plugs
- 40" PVC insulated (1 red, 1 black)

Fig. A

569-TL35 **$11.50**





- Test leads
- Shrouded 90° banana plugs
- 36" PVC insulated, (1 red, 1 black)

Fig. A

569-TL245 **$10.95**

HEAVY DUTY DMM

Features:

- Most rugged DMM available
- Special sealing for environment and water proofing
- Drop-Proof special housing and PCB mounting
- Auto-Power off
- Holster included

Specifications:

- DC voltage: 100mV~1500V, ±0.1%
- AC voltage: 100mV~1000V, ±0.75%
- DC current: 1µA~10A, ±0.35%
- AC current: 1µA~10A, ±0.9%
- Resistance: 0.1Ω~20MΩ, ±0.5%
- Safety tester: 24, 50, 120, 240, 480V
- Diode test and continuity beeper

569-HD110B **$149.95**

- Enhanced feature version of the HD110B
- Six capacitance ranges to 20mF
- Button selectable Max/Min, AC peak and probe hold
- Digi-Glo backlight

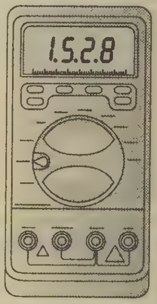
569-HD115B **$189.95**

MINI-CLAMP AC AMMETERS AND DIGITAL MULTIMETERS

- Data hold button
- Auto power off
- Autoranging

MOUSER STOCK NO.	Fig	Description	Price Each
Mini-Clamp AC Ammeter			
569-AD20	A	2000 count, AC range: 400A, 25.4mm conductor size (max.)	69.95
569-AD40	A	4000 count, AC range: 400A, 25.4mm conductor size (max.)	74.95
Mini-Clamp Digital Multimeter			
569-WTAC20	B	VAC, AAC, Ω, continuity, 2000 count, AC range: 400A, 25.4mm conductor size (max.), AC / DC voltage: 600V	84.95
569-AC40	B	VAC, AAC, Ω, continuity, 4000 count, AC range: 400A, 25.4mm conductor size (max.), AC / DC voltage: 600V	89.95

4-DIGIT, PROFESSIONAL DMM w/ 0.25% ACCURCY



Features:

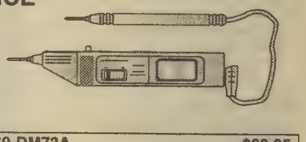
- Large LCD with .78" high digits
- Shrouded test leads, incorrect input jack warning, fully fused current input jacks
- High resolution: 4000 count, 42 segment bargraph
- Protective rubber boot with tilt stand and flex-strap
- Wavetek's exclusive "No Hassle" warranty

Specifications:

- AC/DC voltage: 400mV, 4V, 40V, 1000VDC/750AC
- AC/DC current: 4mA, 40mA, 400mA, 20A
- Resistance: 400, 4K, 40k, 400k, 4M, 40MΩ
- Capacitance ranges: 4nF, 40nF, 400nF, 4µF, 40µF
- Frequency to 400kHz

MOUSER STOCK NO.	AC Conversion	Price Each
569-2015	True RMS, AC coupled	159.95

PEN-TYPE DMM FOR FIELD SERVICE



Features:

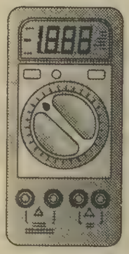
- Autoranging
- 4200 count resolution
- Probe Hold™
- Continuity test with beeper
- Measures to 300VAC, 500VDC, or to 2MΩ
- Warranty: one year

Specifications:

- DC voltage: 300V
- AC voltage: 300V
- Resistance ranges: 420Ω, 4.2kΩ, 42kΩ, 420kΩ, 4.2MΩ

569-DM73A **$69.95**

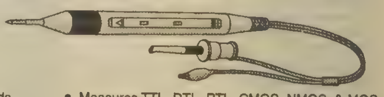
DEDICATED COMPONENT TESTERS



- Use in field service or at the test bench
- LCR55 is a LCR meter plus checks transistors, diodes and microwave diodes, uses plug-in test slots and test leads, data hold and max hold, continuity test
- CR50 is a capacitance and resistance meter, has two zero adjustment pots to null stray values, special low ohms range, test leads have alligator clips

569-LCR55 **$179.95**
569-CR50 **$69.95**

LOGIC PROBES



- Detects logic levels as narrow as 30ns @ up to 17MHz
- Switch selectable TTL or CMOS
- Signal input protected ±220VAC/DC for 15 seconds
- Input impedance 1MΩ
- Pulse memory

569-LP10A **$19.95**

- Measures TTL, DTL, RTL, CMOS, NMOS, & MOS
- Detects logic levels as narrow as 30ns @ up to 25MHz

569-LP25A **$39.95**

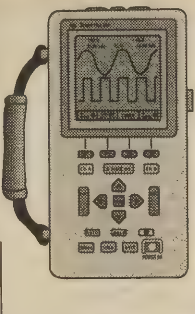
Test Equipment, Tool Cases, and Vacuum

tpi 20 MHz HAND HELD OSCILLOSCOPE

Specifications:
- Size: 4.5" X 9"
- Bandwidth: 20 MHz
- Sampling rate: 500 Megasamples
- Voltage ranges: 400mV-600V DC, 400mV-600V AC
- Resistance: 400 Ω - 20 MΩ
- Accuracy: ±0.3% basic DC accuracy

Features:
- 20MHz, 2 channel oscilloscope
- 4000 count true RMS DMM
- Optically isolated RS-232C port
- 3" x 3" LCD display with bright black light

Includes:
- Heavy duty test leads
- AC/DC charger adapter
- Instruction manual
- NiCad battery pack



MOUSER STOCK NO.	Description	Price Each
640-460	20 MHz Oscilloscope and True RMS DMM	759.00
640-460-BOOT	Rubber Boot with Tilt Stand	22.95

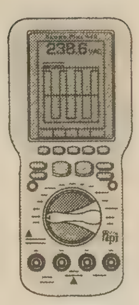
3 Year Warranty

tpi 1 MHz HAND HELD OSCILLOSCOPE

Specifications:
- Size: 3 7/8" X 8 3/4"
- Bandwidth: 1 MHz
- Sampling Rate: 20 Megasamples
- Voltage Ranges: 400mV-1000V DC, 300mV-750V AC
- Resistance: 400-40 MΩ
- Accuracy: 0.3% Basic DC Accuracy

Features: 4 units in one!
- 1MHz oscilloscope
- 4000 count true RMS DMM
- Built-in logic and component test

Includes:
- Test leads
- NiCad battery pack
- Alligator clips
- Instruction manual
- AC/DC charger adapter



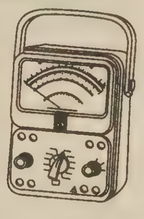
MOUSER STOCK NO.	Description	Price Each
640-440	Oscilloscope and True RMS DMM	269.95
640-A403	Rubber boot with tilt stand	19.95

3 Year Warranty

Simpson 260 (SERIES 8) VOMS

Features:
- Excellent nulling and peaking
- Large color coded scales
- AC frequency response to 100kHz
- Varistor protected meter movement
- Zero RFI
- Mirrored scale parallax reduction
- Standard and high energy overload fusing
- Includes test leads and batteries
- Audible continuity check 260-8Presettable over load circuit
- Protection relay 260-8P only

Specifications:
- Measures to: 1000VDC, 1000VAC,10A AC/DC, X10K resistance
- Overload protection: (1) 1A.250V fuse and (1) 2A/600V fuse
- Dimensions: 7" H x 5.5" W x 3.1" D
- Weight: 3 Lbs.



MOUSER STOCK NO.	Description	Price Each	
		1	5
529-260-8	Analog VOM-black	187.50	187.50
529-260-8P	Analog VOM-black w/resettable overload protection	250.00	250.00
529-00805	Carrying case (not illustrated)	63.25	63.25
529-00043	Test leads with screw-on clips (not illustrated)	16.00	16.00

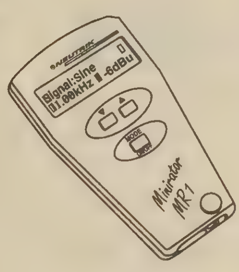
NEUTRIK USA MINIRATOR MR1

CONNECTING THE WORLD

Professional Multifunctional Audio Tone Generator

Features:
- Low distortion Sine Wave 20 Hz - 20 kHz
- Sweepable
- Square wave
- White / pink noise
- Polarity test signal
- Digital accuracy
- Retractable XLR output, fully balanced, floating, 200 Ω
- RCA / Cinch output unbalanced 200 Ω
- Wide level range: -76 dBu to 6 dBu
- Large character display

Specifications:
- Outputs: balanced XLR, unbalanced RCA, both 200 Ω floating
- Waveforms: sinusoidal, square, white noise, pink noise, polarity test
- Frequency range: 20 Hz to 20 kHz in 3rd octave steps (sine)
- Sweep capabilities: 20 Hz to 20 kHz for sine, 20 Hz to 5 kHz for square signal

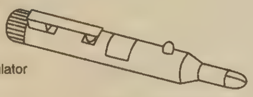


MOUSER STOCK NO.	Description	Price Each
568-MR1	Professional multifunctional audio tone generator	139.99

GREENLEE®

VOLTAGE INDICATOR

Features:
- Senses presence of AC voltage without contact
- Audible and visual indicators
- Pocket clip acts as on/off switch



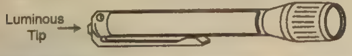
Specifications:
- Capacity: 50-500VAC
- Power source: (2) No. 357 calculator or watch batteries (included)
- Size: 5 1/4" long
- Weight: 1 lb.

586-35952	$15.50

GREENLEE®

SUBMERSIBLE POCKET LIGHT

Features:
- Dimension: 4.75" x .6250"
- Watertight to 500 feet
- Focused beam (Xenon lamp module)
- 400% brighter than ordinary pocket lights
- 2 AAA batteries included
- Made in USA
- Lifetime guarantee
- Color: yellow

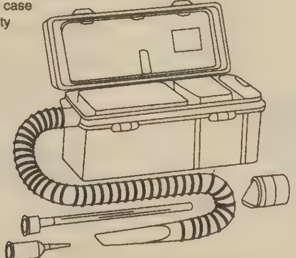


MOUSER STOCK NO.	Description	Price Each
586-46500	Pocket flashlight	12.50
586-46534	Replacement O-ring	.25
586-46533	Replacement Xenon lamp	6.35

3M ELECTRONICS VACUUM

A powerful unit for high efficiency clean up of most business equipment.

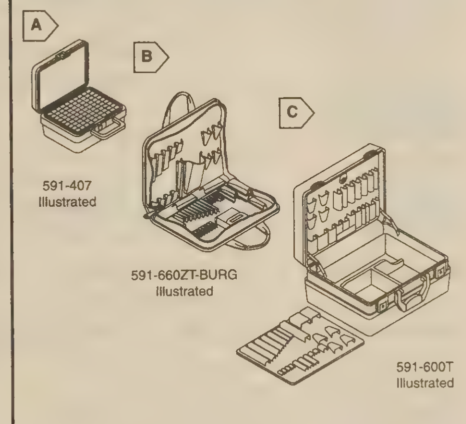
Features:
- 1 HP motor
- Stretch hose extends from 2" to 10'
- Comes complete with wand, crevice tool, crevice brush, dusting brush, needle nozzle, and Type 2 filter
- Attachments and power cord store inside door of high impact plastic case
- 3 year warranty



Replacement filters:
Type 1 small particle: traps extremely fine particles in the range of .3-.5 microns from highly sensitive equipment.
Type 2 medium particle: traps toner and dust from copiers, laser printers, and other office equipment.

MOUSER STOCK NO.	Description	Price Each	
		1	5
517-497AJM	Electronics vacuum	221.00	210.00
517-SF1	Type 1 filter	22.39	- - -
517-MF2	Type 2 filter	12.77	- - -
517-CS1	Optional carrying strap	10.08	9.80

platt TOOL CASES



591-407 Illustrated

591-660ZT-BURG Illustrated

591-600T Illustrated

Blow Molded Cases

High-density polyethylene cases with double wall construction. Textured exteriors resist dents, cracking, and scuffs. Unaffected by extreme temperatures. The interiors utilize pre-cut cubed foam in the bodies and egg crate or foam pad in the lids. **(See Figure A)**

MOUSER STOCK NO.	Dimensions (In.)		Price Each
	O.D.	I.D.	
591-407	13.5 x 10 x 5.5	12.5 x 9 x 5.125	36.00

Trouble Shooter

Burgandy cordura with two exterior meter pockets and one document pocket. Interior has 29 sewn tool pockets and one meter pouch.

MOUSER STOCK NO.	Fig.	Dimensions (In.)	Price Each
591-660ZT-BURG	B	12.5 x 9.5 x 2	84.00

Combo Tool and Attache Case

47 sewn tool pockets made of Neoluxe for durability. Attache side has pockets for files, manuals, etc. plus built in clipboard. Cordura nylon exterior with industrial zippers. Shoulder strap included.

MOUSER STOCK NO.	Fig.	Dimensions (In.)	Price Each
591-679ZT	C	17 x 10 x 6	164.00

Standard Polyethylene

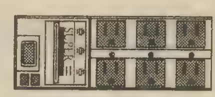
Black HMW polyethylene exterior with durable molded ribbed shell. Extruded aluminum frame with cast key locks and molded handle. Interior body divider, literature pocket, and two molded pallets.

MOUSER STOCK NO.	Fig.	Dimensions (In.)	Price Each
591-600T	C	18 x 13 x 6	158.00

Power Conditioning Equipment

SUPER SERIES SURGE SUPPRESSORS

- Up to 96,000 amps of surge suppression with up to 1,200 joules
- Plus Tel and FM models feature RJ11 jacks to protect phone/modem/fax lines, Super 7 Coax features coax jacks for video protection

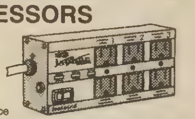


Up to $15,000 Ultimate Lifetime Insurance

MOUSER STOCK NO.	Outlets	Description	Ultimate Coverage	Price Each
545-MP	1	Spike/Noise protection for 1 data-line, plug in	2 year	12.85
545-STIK	6	6 ft. power cord	Lifetime	15.69
545-STRIKER	6	4 ft. power cord, super 6	Lifetime	9.63
545-S7	7	7 ft. power cord, LEDs	5000	19.38
545-S7TEL	6	7 ft. power cord, modem/fax	5000	25.96
545-S7COAX	6	7 ft. power cord, coax jacks, LEDs	5000	27.81
545-SK6-6	8	8 ft. power cord, LEDs	10000	28.70
545-S8TEL	7	8 ft. power cord, modem/fax	10000	36.40
545-SK6-0	6	Direct plug-in model	2 year	18.07
545-TSB	1	3 stage modem / fax line protection	2 year	37.94
545-TR6	6	6 ft. power cord, LEDs	15000	36.89
545-TR6FM	6	6 ft. power cord, modem/fax	15000	43.48

ISOBAR® ULTRA PREMIUM SURGE SUPPRESSORS

- Superior surge, spike and RFI/EMI line noise protection
- Instantaneous surge response
- Virtually-indestructible all-metal housing
- Suppresses up to 120,000 amp spikes, up to 1,500 joules
- Isotel models feature dual RJ11 jacks for complete modem/fax surge suppression

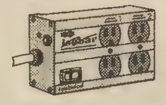


Ultimate $25,000 Lifetime Insurance

MOUSER STOCK NO.	Outlets	Description	Price Each
545-SS008	4	6 ft. power cord, 2 filter banks, LEDs	47.24
545-SS009	6	6 ft. power cord, 3 filter banks, LEDs	53.87
545-SS010	8	12 ft. power cord, 4 filter banks, LEDs	61.56
545-SS012	2	Direct plug in,2RJ11 Jacks, Isobar ultrafax	37.44
545-SS013	6	6 ft. pwr. cord, 3 filter banks, modem/fax LEDs Isotel 6 ultra	63.54
545-ISTL8MULT	8	12 ft. power cord, 4 filter banks, modem/fax LEDs, Isotel 8 multimedia	71.28

ISOBAR® PREMIUM SURGE SUPPRESSORS

- Superior surge, spike and RFI/EMI line noise protection
- Instantaneous surge response
- Virtually-indestructible all-metal housing
- Suppresses up to 120,000 amps up to 1,350 joules
- Exclusive Isotel filter banks eliminate interference between connected equipment

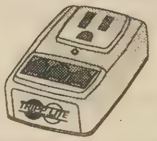


Up to $25,000 Ultimate Lifetime Insurance

MOUSER STOCK NO.	Outlets	Description	Ultimate Coverage	Price Each
545-SS001	2	Direct plug-in Isobar	$10,000	27.59
545-SS002	2	6 ft. power cord	$10,000	37.82
545-SS003	4	6 ft. power cord, 2 filter banks	$25,000	57.76
545-SS004	6	6 ft. power cord, Isobar 6	$10,000	66.25
545-SS007	2	Coax, Isobar ultracoax	$25,000	37.57
545-IBAR8RM	8	12 ft. power cord, 4 filter banks remote on/off switch	$10,000	68.51
545-IBAR12	12	12 ft. power cord, rackmount Isobar	$10,000	98.35
545-SS011	4	6 ft. power cord, 2 filter banks, modem/fax	$25,000	53.60

LAPTOP COMPUTER SURGE SUPPRESSOR

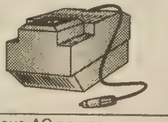
- Protects your laptop's AC and modem/fax lines to eliminate all surge pathways
- Modem/fax and telephone jacks make simultaneous connection of all communication devices possible
- RFI/EMI line-noise filtering improves connection quality and speeds
- LED indicates that all protection circuitry is working
- $5,000 Ultimate Lifetime Insurance covers the SMP and all connected equipment against surge damage - including direct lighting strikes



MOUSER STOCK NO.	Outlets	Description	Price Each
545-SMP	1	450 joule rating	18.36

LAPTOP POWER SUPPLY

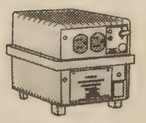
- Plugs into your car's cigarette lighter, converting your car's battery power into clean, safe, household AC
- Ideal for laptop computers, fax machines, cellular phones, and other small electronic equipment
- Supplies 125 watts of continuous household AC power



545-PV-125	1	Supplies 125 watts of continuous AC power	47.22

POWERVERTER INVERTERS

- Convenient, portable AC power
- Solid-state power inverters convert 12VDC battery power into 120VAC (60Hz)
- PowerVerter models economically operate most household appliances
- PowerVerter Plus (FC) models provide up to 200% of their rated output to power heavy start-up loads and are frequency-controlled to work with sensitive equipment

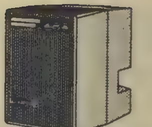


545-PV200	1	200 watts	67.60
545-PV400	1	400 watts	92.30
545-PV500FC	2	500 watts	183.95
545-PV550	2	550 watts	149.50
545-PV1000FC	2	1000 watts	270.20
545-PV2000FC	2	2000 watts	435.00

LINE CONDITIONERS

Features:

- Multiple levels of voltage correction automatically adjust incoming power, converting it to acceptable, safe levels
- Keep electronic equipment working through brownouts and overvoltages
- Built-in surge, spike and line noise suppression
- Diagnostic LEDs show line integrity and voltage levels



Ultimate $25,000 Lifetime Insurance

MOUSER STOCK NO.	Outlets	Description	Price Each
545-LS600	2	600 watts, low-voltage regulation only	77.00
545-LS604	4	600 watts, low/high voltage regulation	86.94
545-LC1200	4	1200 watts, Isobar protection	120.47
545-LC1800	6	1800 watts, Isobar protection	178.85
545-LC2400	6	2400 watts, Isobar protection	120.47
545-LCR2400	14	2400 watts, Isobar protection	327.89

BC PERSONAL AND BC PRO UPS SYSTEMS

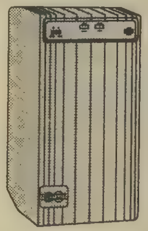
Common Features:

- Complete protection against blackouts, brownouts, surges, spikes, and EMI/RFI line noise

BC Pro Features:

- Network interface port (D89) allows automatic unattended shutdown of any operating system using PowerAlert software; SNMP manageable

MOUSER STOCK NO.	Outlets	Output VA	Backup Time 1/2 Load (min.)	Price Each
BC Personal				
545-200	2	200	28	86.88
545-300	2	300	17	95.39
545-4501	3	450	17	116.58
BC Pro				
545-600	4	600	24	169.57
545-1050	6	1050	23	364.63
545-1400	6	1400	24	461.30

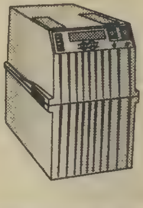


Ultimate $25,000 Lifetime Insurance

OMNISMART LINE INTERACTIVE UPS SYSTEMS

- Automatic Voltage Regulation (AVR) keeps you working through brownouts/overvoltages without using battery power
- Includes PowerAlert Unattended Shutdown Software
- $50,000 Ultimate Lifetime Insurance covers connected equipment

MOUSER STOCK NO.	Outlets	Output VA	Backup Time 1/2 Load (min.)	Price Each
545-OSMART300PNP	3	300	17	139.10
545-OSMART500PNP	4	500	17	247.91
545-OSMART700PNP	4	700	17	299.73
545-OSMART850PNP	4	850	21	362.19
545-OSMART1050PNP	6	1050	23	385.43
545-OSMART1400PNP	6	1400	21	488.11

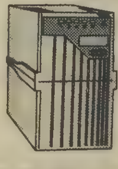


Ultimate $50,000 Lifetime Insurance

SMARTPRO NET UPS SYSTEMS

- Multilevel line-interactive Automatic Voltage Regulation (AVR) lets you work through severe brownouts and overvoltages without using battery power
- Includes PowerAlert Plus software

MOUSER STOCK NO.	Outlets	Output VA	Backup Time 1/2 Load (min.)	Price Each
545-SMART700NET	4	700	20	307.03
545-SMART1050RM	8	1050	23	550.21



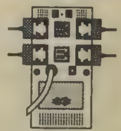
Ultimate $50,000 Lifetime Insurance

INTERNET OFFICE UPS SYSTEMS

- Dual RJ11 jacks provide superior surge, spike, EMI/RFI protection on your internet connection
- Internet Office 420 LP features a low-profile, under-monitor housing with front-panel switches for fingertip control over any computer system

A

B



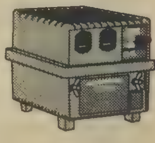
MOUSER STOCK NO.	Fig.	Outlets	Output VA	Backup Time 1/2 Load (min.)	Price Each
545-IO500	A	6	500	17	130.41
545-IO700	B	4	700	17	190.76
545-IO420L	B	6	420	17	212.80

Ultimate $50,000 Lifetime Insurance

POWERVERTER EXTENDED BACKUP UPS SYSTEMS

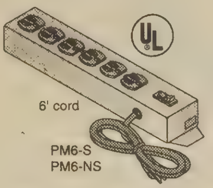
- "Peak Power" performance provides up to 200% of maximum power for short durations.

MOUSER STOCK NO.	Outlets	Output VA	Price Each
545-APS912	2	900	352.40
545-APS2012	Hard wire	2000	549.40
545-98-121	External 12 volt 55 amp hour battery		152.95



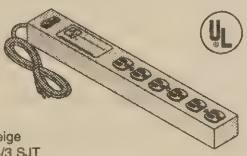
POWER MASTER® SURGE AND NOISE SUPPRESSORS

- Electrical rating: 15A 125VAC, 60HZ, 1875W, continuous duty
- Type cord: 14/3 SJT
- Case color: beige
- Rating per UL 1449: 400V (H-N)
- Modes of surge suppression: H-N, H-G, N-G
- Max surge current: 4500A
- Clamping response time: <1 nS.
- Maximum energy dissipation: 90 joules (2x45)
- 1-year limited warranty



MOUSER STOCK NO.	No. of Outlets	Dimensions (In.)			Unit Shipping Weight	Price Each			
		Length	Width	Height		1	6	12	24
554-PM6-S	6	13.25	2.375	1.50	2 1/2 lbs.	21.50	20.43	17.75	16.56
554-PM6-NS	6	13.25	2.375	1.50	2 1/2 lbs.	23.50	22.33	19.40	18.10

DATAGARD® SERIES



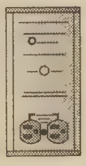
- Protection: 15A circuit breaker
- 3 line voltage surge protection
- Ensures that equipment is isolated from ransients on all incoming power lines
- Rating per UL 1449: 400V
- Modes of surge suppression: H-N, H-G, N-G
- Max surge current: 6500A
- Clamping response time: <1 nS.
- Maximum energy dissipation: 210 joules (3x70)
- Case color: beige
- Type cord: 14/3 SJT
- Electrical rating: 15A,125VAC, 60Hz, 1875W, continuous duty
- Lifetime warranty

MOUSER STOCK NO.	No. of Outlets	Type	Surge Indication	Modes of Noise Rejection	Price Each		
					1	6	12
554-DG204	4	Strip w/6' cord	- - - - -	None	21.95	20.85	18.11
554-DG206	6	Strip w/6' cord	- - - - -	None	24.95	23.70	20.58
554-DG115-SI	6	Strip w/6' cord	Visual	Transverse	44.95	42.70	37.08
554-DG315-SA	6	Strip w/6' cord	Audible	Trans. & Com.	64.95	61.70	51.79

WAVE TRACKER™ NOISE AND SURGE FILTER

- Maximum ratings: 15A, 125VAC, 60Hz
- Load: 1875W continuous
- Maximum surge voltage: 6,000V
- Clamping response time: 1 psec. (typ.)
- Operating temperature: -13°F to 140°F
- Circuit breaker: 15A
- UL 1449 rating: 330V
- Modes of protection: H-N, H-G, N-G
- Power cord: SJT 14/3
- Noise frequency: 150kHz to 100MHz
- Noise rejection: transverse and common
- NEMA 5-15 plug and receptacles
- Exceeds ANSI/IEEE C62.41-1980 (IEEE 587-1980)
- Audible and visual surge indicators
- Patented 3 stage protection (MOV, Gas Tube, Silicon Avalanche Diode)
- Cord length: 6ft. (except WT2P)
- Color: silver aluminum housing, black receptacles, end caps, and cord
- Lifetime connected equipment warranty

A



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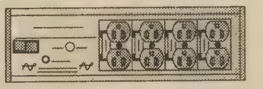
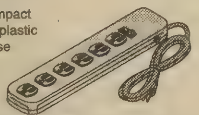


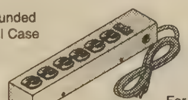
MOUSER STOCK NO.	Fig.	No. of Outlets	Noise Filtration				Max. Energy Dissipation (H-N)	Max. Surge Current (H-N)	Price Each
			1st	2nd	3rd	4th			
554-WT2P	A	2	75dB	- - - -	- - - -	- - - -	485J	33,025A	61.95
554-WT4	B	4	75dB	100dB	- - - -	- - - -	555J	39,525A	99.95
554-WT6	B	6	75dB	100dB	110dB	- - - -	625J	46,025A	119.95

ECONOMY WABERSTRIP® SERIES OUTLET STRIPS

A High Impact Thermoplastic Case



B Grounded Steel Case



- Color: beige
- Double insulated cord with 3 pronged insulated grounding plug (6ft. 6NX6, 4ft. PS6)
- Maximum rating: 15A, 125 VAC, 60Hz, 1875 W
- Warranty: 2 years against defects in materials and workmanship

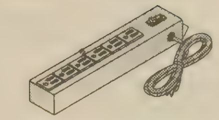
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Each		
		1	6	12
554-PS6	A	8.95	8.50	7.38
554-6NX6	B	9.50	9.03	7.85

MULTIPLE OUTLET STRIPS

- Maximum rating: 15A, 125VAC, 60Hz 1875 W, continuous duty
- Outlets: "U" Ground
- Seamless steel case with baked-on finish
- Power cord: 14/3 SJT, molded plug

† UL Listed ✻ UL Listed and CSA Certified



Compact Series

- Size: 8 3/4" L x 2 3/8" W x 1 1/2" H

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Outlets	Cord Length	Master Switch with Pilot LT	Circuit Breaker	Case Color	Price Each		
						1	6	12
† 554-4SPDX-6	4	6	Yes	Yes	Beige	14.95	14.20	12.33
554-4SPDX-15	4	15	Yes	Yes	Beige	18.95	18.00	15.63
554-602	5	6	No	No	Gray	15.95	15.15	13.16
✻ 554-UL602CB-6	5	6	No	Yes	Blue	24.95	23.70	20.58
554-603CB	4	6	No	Yes	Gray	19.95	18.95	16.46
554-UL605CB-6	3	6	Yes	Yes	Blue	24.95	23.70	20.58

Mid Length Series

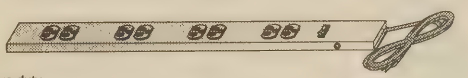
- Size: 13 1/4" L x 2 3/8" W x 1 1/2" H

MOUSER STOCK NO.	No. of Outlets	Cord Length	Master Switch with Pilot LT	Circuit Breaker	Case Color	Price Each 1	Price Each 6	Price Each 12
† 554-6SPDX-6	6	6	Yes	Yes	Beige	11.57	11.18	10.79
554-6SPDX-15	6	15	Yes	Yes	Beige	19.95	18.95	16.46
✻ 554-UL24CB-6	6	6	Yes	Yes	Blue	29.95	28.45	24.71

90° Design

MOUSER STOCK NO.	No. of Outlets	Cord Length	Master Switch with Pilot LT	Circuit Breaker	Case Color	Price Each 1	Price Each 6	Price Each 12
✻ 554-UL24RA-6	6	6	Yes	Yes	Blue	31.95	30.35	26.36

TRIMLINE SERIES



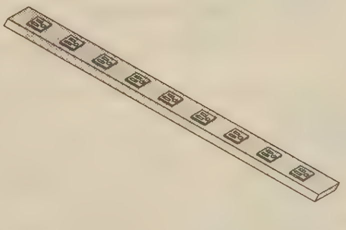
- Outlets: "U" ground
- Maximum rating: 15A, 125VAC, 60Hz,1875W, continuous duty
- Protection: circuit breaker
- Power cord: 14/3 SJT, molded,plug
- Cord color: blue

✻ Includes mounting tabs

MOUSER STOCK NO.	No. of Outlets	Cord Length	Dimensions (In.)			Key Hole-Slot Mtg. Centers	Price Each		
			L ✻	W	H		1	6	12
554-UL7208-6	8	6	25	2	1	22 15/16	45.00	42.75	37.13
554-UL7415-6	15	6	49	1 1/2	1 3/8	46 15/16	62.00	58.90	49.45
554-UL7415-15	15	15	49	1 1/2	1 3/8	46 15/16	66.00	62.70	52.64
554-UL7619-6	19	6	73	1 1/2	1 3/8	70 15/16	73.00	69.35	51.04

PERMANENT MOUNTING SERIES

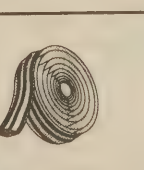
Designed for Fixed Installation



- Sizes: 3', 4', 5', 6', lengths x 1 19/32W" x 1 3/8"H
- Maximum rating: 15A, 125VAC, 60Hz, 1875W, continuous duty
- Outlets: "U" ground, beige
- Case: fabricated with baked-on beige finish
- 1/2" concentric knockouts on each end
- Back cover mounting holes 3/16" dia.
- Wire nuts and self-tapping screws for attachment of top assembly to back mounting cover is provided

MOUSER STOCK NO.	No. of Outlets	Length (Ft.)	Outlet Centers (In.)	No. of Mounting Holes	Price Each		
					1	6	12
554-4305	5	3	7	2	33.00	31.35	27.23
554-4309	9	3	3-1/2	2	37.00	35.15	30.53
554-4407	7	4	7	3	42.00	39.90	34.65
554-4413	13	4	3-1/2	3	48.00	45.60	39.60
554-4508	8	5	7	3	45.00	42.75	37.13
554-4515	15	5	3-1/2	3	52.00	49.40	42.90
554-4610	10	6	7	3	49.00	46.55	40.43
554-4619	19	6	3-1/2	3	59.00	56.05	48.68

CORDGARD



- Provided with optional double-faced adhesive tape
- Ribbed slots on bottom prevent movement on carpet
- Use indoors or outdoors
- Made of tough, flexible vinyl
- Channel pre-slit for easy cord insertion
- Can be easily trimmed to exact lengths
- Accepts cord dia. up to 7/16" (14/3 SJT cord)

MOUSER STOCK NO.	Color	Length (Ft.)	Price Each		
			1	4	6
554-G50-BE	Beige	50	106.95	87.20	79.93

3M Static Control Test Equipment, Wrist Bands, Cords, and Straps

718 STATIC SENSOR

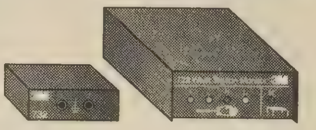
The 3M 718 Static Sensor is an accurate, hand-held, lightweight unit designed to measure static voltages on objects and surfaces. It has two range settings: LOW, measures up to 2,000 volts and HIGH, measures up to 20,000 volts.

- Small-size, lightweight, conductive plastic housing
- Membrane switches for power, range/zero, and hold functions
- Ranging system assists user in making quick and easy measurements
- Accurate to 5%
- Output jack available for continuous measurements

MOUSER STOCK NO.	Description	Price Each	
		1	5
517-718	Static sensor	654.92	635.38

STATIC CONTROL MONITOR

- Continuously monitors the resistance of the work surface, operator, and wiring connections
- Monitors a visitor to the workstation as well as the primary operator
- Use only the 2300 series wrist straps

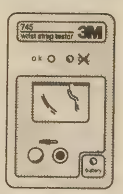


724 Workstation Monitor w/732 Remote Jack

MOUSER STOCK NO.	Description	Price Each	
		1	5
517-724	Workstation monitor w/ 732 remote input jack and mounting hardware	186.00	173.50

745 WRIST STRAP TESTER

- Compact, battery operated unit that makes it easy to test a wrist strap frequently while wearing it
- Accepts both standard banana plugs and shrouded (European) banana plugs
- Size: 6.25" x 3.75" x 1.25"
- Battery and wall mounting kit included



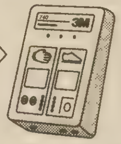
MOUSER STOCK NO.	Description	Price Each	
		1	5
517-745	Battery powered tester	218.69	201.20

WRIST STRAP TESTER AND SHOE ELECTRODE

AC-powered unit designed to be wall mounted for daily testing of wrist straps. The user can select any of four different resistance levels.

The optional 741 Shoe Electrode allows unit to check the operation of static control footwear.

A



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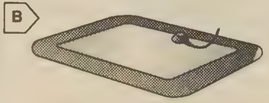
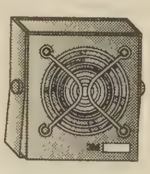


MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
517-740	A	Wrist strap tester	396.37	390.46
517-741	B	Shoe electrode	102.41	99.99

IONIZED AIR BLOWERS

NEW IN 2001

3M's Ionized Air blowers neutralizes static charge on nonconductive materials and helps prevent static from damaging sensitive electronic components.



MOUSER STOCK NO.	Description	Price Each	
		1	5
517-960	Mini air ionizer	453.75	431.75
517-963	Benchtop air ionizer	486.75	463.15

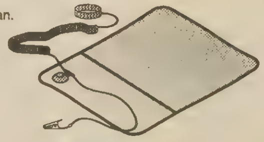
STATIC-DISSIPATIVE FIELD SERVICE KITS

Static-safe workstations in a portable format for the field service technician.

8501 Portable Field Service Kit

- Adjustable fabric wrist band
- Heavy-duty static-dissipative work surface (.021" x 22" x 24") with two 8" x 11" pockets and 5 ft. coiled ground cord
- Common-point ground cord system with 10' section for wrist band and 5' section for mat

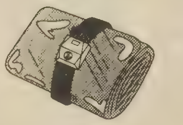
A



8505 Portable Field Service Kit

- Static-dissipative work surface (.015" x 15" x 20") with pocket
- Adjustable wrist band
- Wrist strap, 5ft. ground cord, 5 ft. extension ground cord, 5 ft work surface ground cord

B



8506 Economy Field Service Kit

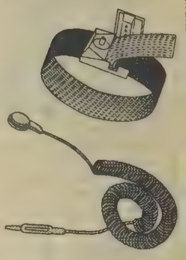
- Adjustable wrist band with 5 ft. coiled ground cord
- Static-dissipative work surface (.010" x 15" x 20") with two 6" x 7" pockets and 6ft. straight ground cord

MOUSER STOCK NO.	Fig.	Description	Price Each	
			(1-4)	(5-UP)
517-8501	A	Portable field service kit	55.62	53.77
517-8506	A	Economy field service kit	29.93	28.93
517-8505	B	Shirt pocket field service kit	58.14	56.20

ADJUSTABLE WRIST STRAPS

These wrist straps consist of a wrist band and a grounding cord. The molded cap on the grounding cord that snaps onto the wrist band contains a 1 megaohm resistor.

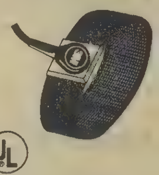
UL 74P7



MOUSER STOCK NO.	Description	Price Each	
		1	5
517-2214	Adjustable band, 5' coiled cord	23.87	22.97
517-2204	Adjustable band only	9.83	9.17
517-2210C	5' coiled cord only	16.30	15.21
517-2259	Adjustable band, 5' cord	12.74	11.09
517-22430	5' coiled extension cord	19.54	16.57
517-22405	Hvy duty light weight 5' coiled cord	17.63	16.59
517-22240	Adjustable band, 10' coiled cord	29.69	27.71

FIXED SIZE WRIST STRAPS

A one megaohm resistor is built into the cord. Three color coded sizes are available: small for wrists from 4.5 in. to 6 in. in circumference; medium for wrists from 5.5 in. to 7.25 in. and large for wrists larger than 6.5 in.

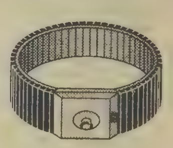


UL 74P7

517-22110	Gray w/ 5' coiled cord (sm)	20.57	19.73
517-22120	Burgundy w/ 5' coiled cord (md)	20.57	19.73
517-22130	Blue w/ 5' coiled cord (lg)	20.57	19.73
517-22220	Burgundy w/10' coiled cord (md)	31.24	27.19
517-22011	Small gray wrist strap	10.26	9.25
517-22031	Large blue wrist strap	10.26	9.25

METAL WRIST STRAPS

3M Metal Wrist Straps feature quality Speidel metal expansion bands for durability and comfort. Each link is covered with an insulative plastic cap. Small for wrists from 4.5 in. to 6 in. in circumference; medium for wrists from 5.5 in. to 7.25 in. and large for wrists larger that 6.5 in.

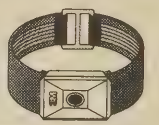


517-22450	Metal band w/ 5' coiled cord (sm)	33.21	31.25
517-22460	Metal band w/ 5' coiled cord (md)	33.21	31.25
517-22470	Metal band w/ 5' coiled cord (lg)	33.21	31.25

DUAL CONDUCTOR WRIST BAND AND CORDS

For use exclusively with the 722 Workstation Monitor and 721 Wrist Strap Monitor. The dual conductor ground cord and wrist band permit monitoring resistance to ground of the operator.

A



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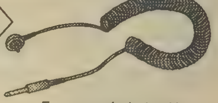


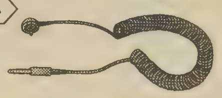
For use exclusively with 3M Dual Conductor Wrist Straps.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
517-23680	A	Turquoise fabric, adjustable band	13.87	12.76
517-23600	B	Coiled cord 5'	26.08	23.99
517-23700	B	Coiled cord 10'	29.85	27.46

4600 SERIES COST EFFECTIVE WRIST BANDS & CORDS

These wrist bands consist of a molded insulative thermoplastic colored exterior with an integrally molded conductive interior insert and 4mm metal male snap.

A



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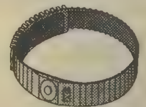
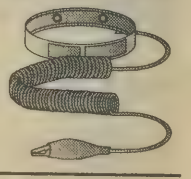


517-4610	A	5' lightweight coiled cord	4.95	4.62
517-4611	A	10' lightweight coiled cord	5.85	5.47
517-4620	B	Blue wrist band	1.90	1.79
517-4621	B	Green wrist band	1.90	1.79
517-4622	B	Purple wrist band	1.90	1.79
517-4623	B	Maroon wrist band	1.90	1.79

MOUSER® WRIST STRAP

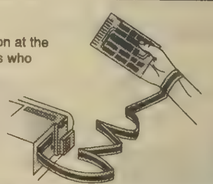
- One size fits all
- 1MΩ to ground



MOUSER STOCK NO.	Description	Price Each		
		1	25	100
382-1500	Strap with 6' coiled cord and alligator clip	15.16	13.78	12.53

DISPOSABLE WRIST STRAP

Ideally suited for shipment along with components to ensure protection at the receiving end, or for short-term use in the plant for visitors and others who don't need the durability of a reusable strap.



UL 74P7

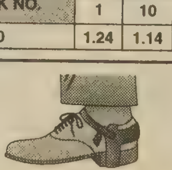
MOUSER STOCK NO.	Price Each			
	1	10	25	100
517-22090	1.24	1.14	1.06	.98

SHOE GROUNDING ASSEMBLY

Effectively grounds personnel when they are in contact with conductive flooring. To be effective, the shoe grounders must be worn on both feet.

- Elastic ankle strap, one size fits all
- With a 1MΩ resistor

Note: The 2051 Grounding Assembly is not to be used in areas where the individual may come in contact with electrical circuitry exceeding 250 volts.

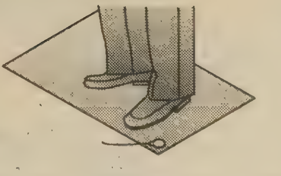


MOUSER STOCK NO.	Price Each	
	1	5
517-2051	9.84	9.05

3M Static Control Products

VELOSTAT™ FLOOR MATS

A conductive floor mat removes static charge from personnel as they approach work areas. They provide significant passive protection in well-traveled assembly areas. Includes two female snaps (installed) and one 15' ground cord with a one megohm resistor.



MOUSER STOCK NO.	Size (Ft.)	Thickness (In.)	Price Each
517-1864-46	4 x 6	1/8	217.73
517-1864-48	4 x 8	1/8	283.89

DISSIPATIVE THREE-LAYER TABLE AND FLOOR MATS

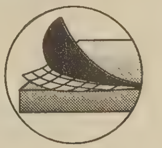
3M 8200 series mats have a unique three-layer construction:

The top layer is durable static-dissipative vinyl which has low resistivity to discharge static-laden conductors, yet will prevent the shorting of pins on the backs of printed circuit boards laid on the mat.

The middle layer is a conductive scrim that provides discharge path to ground.

The bottom layer is static-dissipative foam, a durable, nonskid cushion.

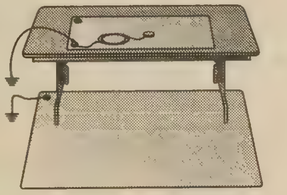
Includes 2 female snaps (installed) and one 15' ground cord and ring connector



MOUSER STOCK NO.	Color	Application	Size (Ft.)	Price Each
517-8201	Brown	Floor	4' x 6'	195.98
517-8203	Gray	Floor	4' x 6'	195.98
517-8205	Granite	Floor	4' x 6'	195.98
517-8211	Brown	Table	2' x 4'	92.20
517-8213	Gray	Table	2' x 4'	92.20
517-8214	Blue	Table	2' x 4'	92.20
517-8215	Granite	Table	2' x 4'	92.20

WORKSTATION GROUNDING KIT

Ready-to-use kit provides the basic items needed to create a static-safe work environment. Both the floor and table mats are made from soft three-layer static-dissipative material.



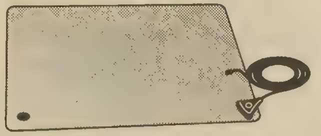
Features:

- Table mat: 2 x 4 ft.
- Floor mat: 4 x 6 ft.
- Ground cord: 15 ft.
- Grounding system for wrist strap/table mat
- Adjustable wrist strap

MOUSER STOCK NO.	Color	Price Each	
		1	5
517-8023	Gray	258.99	241.97
517-8024	Blue	258.99	241.97
517-8025	Granite	258.99	241.97

DISSIPATIVE RIGID WORK SURFACE

Includes two factory-installed female snap fasteners and grounding system for wrist strap/table mat.



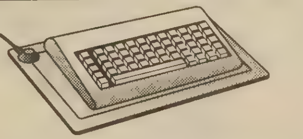
- High abrasion resistance
- Resists scorching and common solvents

MOUSER STOCK NO.	Color	Size (In.)	Price Each	
			1	5
517-8343	Beige	.125 x 24 x 36	196.27	188.49
517-8344	Gray	.125 x 24 x 36	196.27	188.49
517-8353	Beige	.125 x 24 x 48	223.04	219.56
517-8354	Gray	.125 x 24 x 48	223.04	219.56

KEYBOARD PADS

Placed under your keyboard, 3M Static Control Pads drain away static charge instantly when touched.

The unique layered construction not only creates a static-free environment, but also cushions your equipment, prevents slippage and reduces noise.

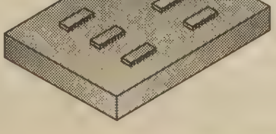


MOUSER STOCK NO.	Color	Size (In.)	Price Each	
			1	5
517-9210	Brown	23 x 9.5	25.21	23.41
517-9212	Gray	23 x 9.5	25.21	23.41

VELOSTAT™ ELECTRICALLY CONDUCTIVE FOAM

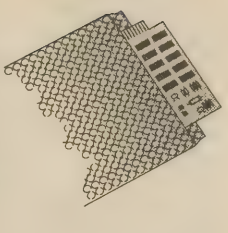
Velostat 2803 has a density of approximately 3 lb./cubic feet and is primarily a cushioning foam, but can be used for pin insertion application with sturdier device leads.

MOUSER STOCK NO.	Size (In.)	Price Per Roll
517-2803-1/8	1/8 x 24 x 36	19.88
517-2803-1/4	1/4 x 24 x 36	34.65
517-2803-3/8	3/8 x 24 x 36	48.98
517-2803-1/2	1/2 x 24 x 36	69.45



CUSHIONED STATIC SHIELDING BAG

- Polyester layer thickness: 0.92 mil.



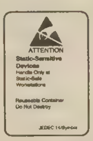
MOUSER STOCK NO.	Description	Price Per Pkg.	
		1	5
517-2120-67	6" x 7" pkg./100	77.80	73.70
517-2120-87	8" x 7" pkg./100	95.83	90.79
517-2120-811	8" x 11" pkg./100	119.71	113.40
517-2120-107	10" x 7" pkg./100	109.35	103.59
517-2120-1211	12" x 11" pkg./100	166.05	157.31
517-2120-1411	14" x 11" pkg./100	186.37	176.56
517-2120-1415	14" x 15" pkg./100	236.58	224.12

STATIC AWARENESS LABELS

Designed to alert personnel handling bags, boxes or other carriers that the contents are static-sensitive. Available in single use or reusable forms using the accepted industry static symbols: JEDEC-14

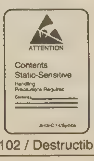
- Size: 1 7/8" x 2 1/2"
- Labels per roll: 500
- JEDEC-14 symbol

A


ATTENTION
Static-Sensitive Devices
Handle Only at Static-Safe Workstations
Reusable Container Do Not Destroy
JEDEC 14/Symbol

7101 / Reusable

B



7102 / Destructible

MOUSER STOCK NO.	Fig.	Description	Price Per Roll	
			1	5
517-7101	A	Reusable orange with black type	14.46	13.98
517-7102	B	Destructible yellow with black type	14.46	13.98

STATIC-SHIELDING BAGS

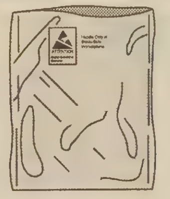
1900 Series

A more economical static-shielding bag for less demanding applications.

MOUSER STOCK NO.	Fig.	Description	Price Per Pkg.	
			1	5
517-1900-35	A	3" x 5" pkg./100	7.38	6.85
517-1900-46	A	4" x 6" pkg./100	8.54	7.93
517-1900-68	A	6" x 8" pkg./100	12.95	12.03
517-1900-1012	A	10" x 12" pkg./100	26.11	24.25
517-1900-1014	A	10" x 14" pkg./100	30.48	28.30
517-1900-1115	A	11" x 15" pkg./100	35.66	33.11
517-1900-1218	A	12" x 18" pkg./100	46.44	43.12

A

- Polyester layer thickness: 0.48 mil.

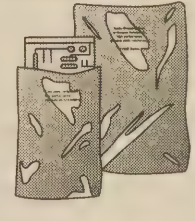


1910 Series With Zipper Closure

517-1910-1818	A	18" x 18" pkg./100	91.98	85.41
517-1910-1824	A	18" x 24" pkg./100	95.18	87.57

B

- Polyester layer thickness: 0.92 mil.

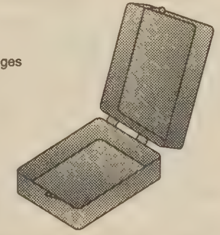


2110 Series With Zipper Closure

517-2110R-35	B	3" x 5" pkg./100	17.92	16.64
517-2110R-58	B	5" x 8" pkg./100	38.64	35.88
517-2110R-810	B	8" x 10" pkg./100	49.14	45.63
517-2110R-1115	B	11" x 15" pkg./100	97.23	90.29

HINGED CONTAINERS

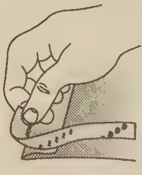
- Velostat plastic
- Noncorrosive and lightweight
- Molded pin hinges that provide better security and reliability than snap hinges



MOUSER STOCK NO.	Size (In.)	Price Each		
		1	25	50
517-4021	2.88 x 1.19 x .5	.83	.80	.77
517-4022	3.88 x 1.94 x .5	.93	.90	.86
517-4023	2.56 x 3.5 x 1.75	1.12	1.08	1.04
517-4024	7 x 3.5 x 1	2.22	2.14	2.07
517-4025	7 x 5 x .5	6.85	6.25	5.84

ANTI-STATIC UTILITY TAPE

Suppresses static both during unwind from the roll and during removal from a surface. Combines 3M's anti-static adhesive with a clear, one mil polyester film backing. A special pattern of ESD symbols alerts users that this is the only tape that should be used in static-safe areas.



MOUSER STOCK NO.	Size (In.)	Description	Price Each	
			1	5
517-4034	3/4" x 72 yds.	3" plastic core	15.25	13.35
517-4001	1" x 72 yds.	3" plastic core	20.85	17.99

CLEANER FOR STATIC CONTROL SURFACES

An extra-strength cleaner for removing dirt and stains from all types of static control surfaces, including table and floor mats, hard laminate benchtops, and portable field service kits. It will also remove difficult grime from epoxy or tile flooring. 1 quart spray bottle.

3M
8001 Static Control Surface Cleaner

MOUSER STOCK NO.	Description	Price Each	
		1	12
517-8001	Extra strength water based cleaner	5.17	4.96

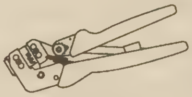
tyco Electronics AMP Crimping Tools, Insertion Tools, and Accessories

Crimping Tools		Insertion Tool	Extraction Tool	Accessories	Use with Connector Series	See Page for Series
Pro-Crimper	Certi-Crimp					
571-908721					.093 Pin and Socket	175
571-908711					.093 Pin and Socket	175
571-908701			571-4589944		.062 Pin and Socket	175
571-908691					.062 Pin and Socket	175
571-585171				571-598031	MTA-100	176
				571-580741	MTA-100	176
				571-585172	MTA-100	176
	571-901232			571-598041	MTA-156	176
	571-901235			571-580741	MTA-156	176
				571-582471	MTA-156	176
571-585141	571-903251	571-4558301	571-4558222		Miniature Rectangular (MR)	177
571-905741	571-901232	571-4559301	571-4656441		Commercial MATE-N-LOK	178
571-905751	571-901242				Commercial MATE-N-LOK	178
571-905481	571-903002	571-4558301	571-3188511		Universal MATE-N-LOK & MATE-N-LOK II	179
571-905461	571-902962				Universal MATE-N-LOK & MATE-N-LOK II	179
571-584951	571-903822	571-910672	571-910672		CPC	138, 139
571-584482	571-903841	571-912851	571-910193		CPC	138, 139
			571-911241		CPC	139
			571-305183		CPC	139
		571-912851	571-912851		Amplimite	157, 158

TOOLS FOR PCB CONNECTORS AND PIN AND SOCKET CONNECTORS

Pro Crimper II Hand Tool

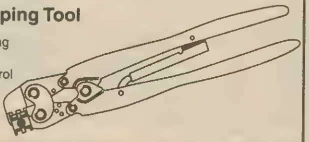
- Field repair / prototyping
- Ratchet control
- Brush / bellmouth control
- Precision crimp height control



MOUSER STOCK NO.	Description	Price Each
571-908721	.093" Pin and Socket cont. 24-18 AWG	140.40
571-908711	.093" Pin and Socket cont. 20-14 AWG	140.40
571-908701	.062" Pin and Socket cont. 30-24 AWG	140.40
571-908691	.062" Pin and Socket cont. 24-18 AWG	140.40
571-585171	MTA .100" series	174.20
571-585141	Miniature rectangular connectors	157.95
571-905741	Commercial Mate-N-Lok 24-18 AWG	140.40
571-905751	Commercial Mate-N-Lok 20-14 AWG	140.40
571-905481	Universal Mate-N-Lok 24-18 AWG	162.50
571-905461	Universal Mate-N-Lok 20-14 AWG	162.50
571-584951	"Series 1" CPC size 16 contacts	133.90
571-584482	"Series 2" CPC size 20 contacts	133.90
571-3549401	Pro-Crimper II frame	65.00
571-585172	Die set for MTA .100" series	137.80
571-584231	Die set for solderless terminals	39.00

Certi-Crimp Crimping Tool

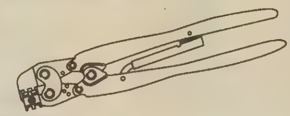
- Field repair / prototyping
- Ratchet control
- Brush / bellmouth control
- Precision crimp height control



571-901232	Commercial Mate-N-Lok 24-18 AWG	340.11
571-901242	Commercial Mate-N-Lok 20-14 AWG	340.11
571-903002	Universal Mate-N-Lok 24-18 AWG	406.39
571-902962	Universal Mate-N-Lok 20-14 AWG	406.39
571-903822	"Series 3" CPC type XII 12-16 AWG	613.24
571-903841	"Series 3" CPC type XII 8-10 AWG	613.24
571-903251	MR Series 26-18 AWG	453.92

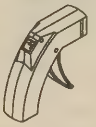
TOOLS FOR MTA SERIES

Hand Tool



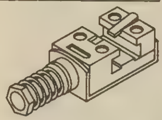
- For use with MTA .156" series

MOUSER STOCK NO.	Description	Price Each
571-901232	Insul dia. .060-.100	340.11
571-901235	Insul dia. .043-.075	346.91



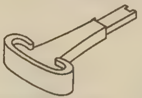
Hand Tool Pistol Grip

MOUSER STOCK NO.	Description	Price Each
571-580741	For MTA Series	48.10



Interchangeable Head for Pistol Grip Hand Tool

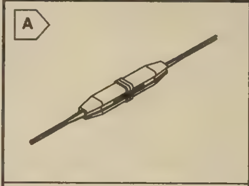
571-582461	For MTA .100 Series	101.40
571-582471	For MTA .156 Series	101.40

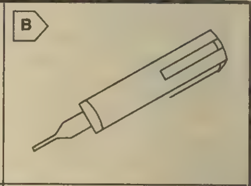


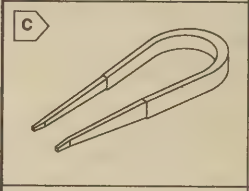
"T" Handle Maintenance Tool

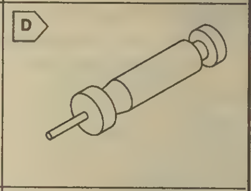
571-598031	For MTA .100 series	15.41
571-598041	For MTA .156 series	16.07

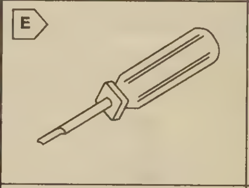
CONTACT INSERTION/EXTRACTION TOOLS

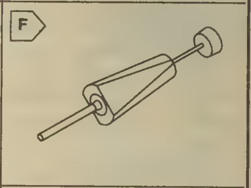


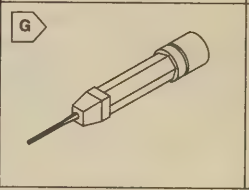


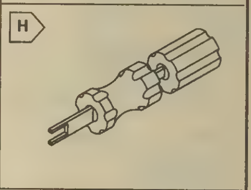


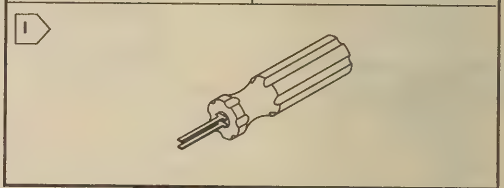












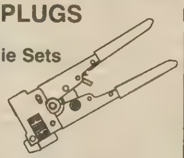
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
571-910672	A	Insertion/extraction, size 20, 22 contacts	3.37
571-4589944	B	Extraction, .062 Pin and Socket	33.45
571-3188511	B	Extraction, Universal Mate-N-Lok	31.85
571-4558301	C	Insertion, Universal Mate-N-Lok and MR	15.41
571-4558222	D	Extraction, Miniature Rectangular	15.41
571-4656441	E	Extraction, Commercial Mate-N-Lok	10.92
571-305183	F	Extraction, size 16 CPC contacts	10.92
571-912851	G	Insertion/extraction, size 20, 22 contacts	8.70
571-910193	H	Extraction, type XII series 3 CPC contacts	107.90
571-911241	I	Extraction, type XII series 4 CPC contacts	23.80

TOOLS FOR MODULAR PLUGS

Professional Hand Tools with Die Sets

- For use with modular plugs
- Cuts, strips, and terminates cable
- All plug sizes, except 10-position, are accommodated using interchangeable die sets



MOUSER STOCK NO.	Description	Price Each
571-22316521	For 8-position line	98.79
571-22316523	For 4-position handset	98.79
571-22316526	For 6-position offset-latch	98.79
571-22316527	For 6-position long body	98.79
571-22316528	For 4, 6-position line	98.79

Die Set Only for Professional Hand Tool

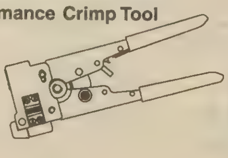
MOUSER STOCK NO.	Description	Price Each
571-8534001	8-position line	33.15
571-8534003	4-position handset	33.15
571-8534006	6-position offset-latch	33.15
571-8534007	6-position long body	33.15
571-8534008	4,6-position line	33.15

Professional Hand Tool Kits

571-12316661	4-position handset, 4, 6, and 8-position die sets, set of replacement strip blades and small screwdriver	206.19
571-2316625	(1) set of strip blades	4.02

"Category 5" High Performance Crimp Tool

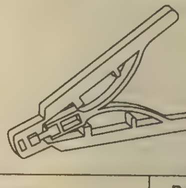
- For use with modular plugs
- Cuts, strips, and terminates cable
- All plug sizes, except 10-position are accommodated using interchangeable die sets



MOUSER STOCK NO.	Description	Price Each
571-32316520	8-position modular crimp tool with die	98.79

Economy Hand Tool

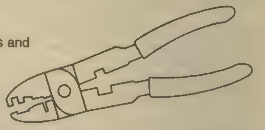
- For use with modular plugs
- Strips and terminates cable
- Light weight



MOUSER STOCK NO.	Description	Price Each
571-2316481	2, 4, and 6-position plugs	21.22
571-2316491	4-position handset plugs	21.22

Super Champ Hand Tool

- For use with modular plugs
- Separate nests for terminating wires and engaging the insulation strain relief



571-1897101	2, 4, 6, & 8-position line; long and keyed modular plugs	25.35

SARGENT QUALITY TOOLS

Crimp Tools and Dies

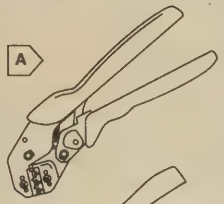
4200 AND 4100 SERIES CRIMP TOOLS

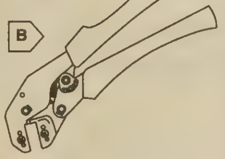
- Molded cushion grips minimize user fatigue
- All working components are heat treated
- Positive ratcheting assembly
- Tool life is conservatively rated at 50,000 cycles

Tool frame only. Die set not included. Optional interchangeable die sets are listed below.

For quantities greater than listed, call for quote.

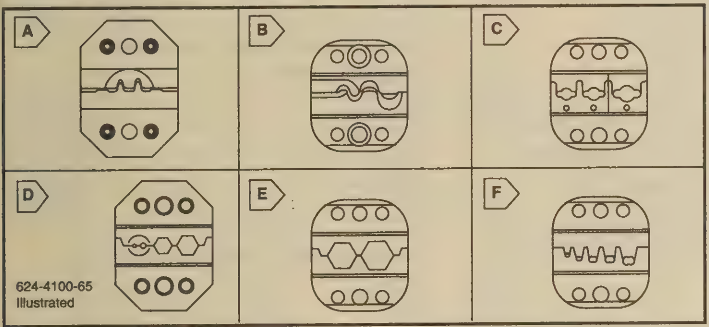
MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
624-4200	A	Super Ergonomic: 11.5" long for two handed crimping, utilizes 4100 series dies, designed to achieve UL tensile requirements	69.50	65.78
624-4100	B	Super Crimp: meet or exceed all UL tensile requirements, interlocking die sets are easily interchanged	51.00	49.50





INTERCHANGEABLE DIES FOR 4100 AND 4200 SERIES TOOLS

- For use with 4200 series and 4100 series crimp tools
- All die sets interlock to assure perfect alignment
- Mounted to frame or moveable jaw with single screw



624-4100-65 Illustrated

D-Sub, Open Barrel Contact Crimp

- Conductor and insulation crimp meet OEM specs and are produced in one tool closure
- Conductor crimps: "B" type
- Insulation crimps: "oval" type produced in two cavities: front 28-24AWG, rear 24-20AWG

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-27	A	60.00	55.20

Non-Insulated Terminal Crimp

- Crimps non-insulated terminals and splices
- Crimps are produced in four cavities: 22-18AWG, 16-14AWG, 12-10AWG, 8AWG

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-35	B	60.00	55.20

Insulated Terminal Crimp

- Crimps conductor and strain relief portion of insulated terminals and splices in one tool closure
- Produced in three cavities: red 22-16AWG, blue 16-14AWG, and yellow 12-10AWG
- Red and blue crimp cavities produce inspection dimples

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-40	C	35.00	32.20

Center Pin Crimps

- Crimps center pin to a .042" square or a .068" hex & the ferrule on small cable to a .128", 151", or .178" hex

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-65	D	35.00	32.20

- Crimps center pin to a .042" square or a .068" hex, the RG58 ferrule to a .213" hex, and the RG59 ferrule to a .255" hex

624-4100-66	D	35.00	32.20

- Crimps two center pins to a .076" hex and the RG8 ferrule to a .429" hex

624-4100-68	D	35.00	32.20

Center Pin Crimps (cont.)

- Crimps center pin to a .068", .080", or .100" hex and the RG8 ferrule to a .429" hex

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-69	D	35.00	32.20

RG59 Ferrule Crimp

- Crimps the RG59 ferrule on CATV connectors to a .324" hex and the RG6 to a .360" hex

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-72	E	35.00	32.20

Wire Tip Ferrule Crimp

- Crimps wire tip ferrules with and without plastic insulator collar to metric standards
- Crimps are produced in five cavities: 0,25-0mm^2, 0,75-1, 5mm^2, 4,0mm^2, and 6,0mm^2 (28-10AWG)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-83M	F	35.00	32.20

Connector Crimps

- Crimps BNC and TNC connectors
- Crimps are produced in three cavities: .178" hex, .324" hex, and .068" hex

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-87	D	35.00	32.20

- Crimps type N connectors
- Crimps are produced in three cavities: .100" hex, .429" hex, and .213" hex

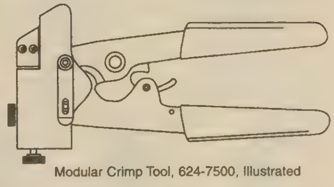
MOUSER STOCK NO.	Fig.	Price Each	
		1	5
624-4100-88	D	35.00	32.20

- Crimps BNC, TNC, Mini-UHR, and Type N connectors
- Crimps are produced in five cavities: .052" hex, .068" hex, .100" hex, .213" hex, .255" hex

624-4100-89	D	35.00	32.20

7500 SERIES MODULAR PLUG CRIMPER AND DIES

- Full cycle action to assure consistent terminations
- A release lever to prevent faulty crimps
- Compound action to produce high crimping forces with minimal user effort
- Replaceable cutter and stripper for use on CAT 5 or flat cable
- A strip length gage for RJ11, 22, or RJ4 modular plugs
- Interchangeable die sets are keyed together to guarantee perfect alignment
- RJ11 and RJ45 crimp dies will terminate AMP or Stewart configurations
- Conductor crimps are machined on a convex plane to compensate for plug flex during crimping operation



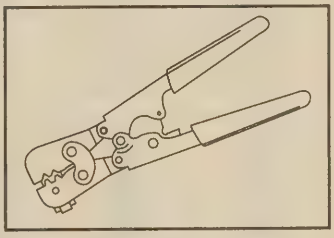
Modular Crimp Tool, 624-7500, Illustrated

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	5
624-7500	Modular crimp tool	72.25	66.47
624-7100-04	Red color code, crimps RJ22 4 position handset plugs, crimps conductor, primary, and secondary strain relief	27.50	25.30
624-7100-06	Blue color code, crimps 6, 4, and 2 connector on RJ11 6 position modular plugs, crimps conductors and primary strain relief of AMP or Stewart configured modular plugs	27.50	25.30
624-7100-06J	Orange color code, crimps 6 position side latch MMJ modular plugs, a support during crimping operation, and crimps conductors and primary strain relief	27.50	25.30
624-7100-08	Yellow color code, crimps RJ45 8 position keyed or non-keyed modular plugs, crimps conductor and primary strain relief of AMP or Stewart configured modular plugs	27.50	25.30
624-7100-10	White color code, crimps 10 position modular plugs, crimps conductors, primary, and secondary strain relief	27.50	25.30

O.E.M. COMPATIBLE CRIMP TOOLS

- Exacting crimps produced by these tools conform to all commercial specifications
- Conductor and insulation crimps conform to O.E.M. specs and are produced in one tool closure
- Locator and wire stop are provided to orient the pins or sockets (excluding part no. 624-3135CT)



Multimate Connector Crimps

(ref. AMP 90277)

- Crimps circular Multimate connector pins and sockets
- Conductor crimps: B type; insulation crimps: oval produced in 3 cavities: 28-24AWG, 24-20AWG, & 18-16AWG

MOUSER STOCK NO.	Price Each	
	1	5
624-3131CT	115.00	105.80

Power Connector Crimps

(ref. Molex 1631E)

- Crimps .093 power connector pins and sockets
- Conductor and insulation crimps are: B type, produced in 2 cavities: 24-20AWG & 18-14AWG

624-3132CT	115.00	105.80

(ref. Molex 1719C)

- Crimps .062 power connector pins and sockets
- Conductor and insulation crimps are: B type, produced in 2 cavities: 24-20AWG & 18AWG

624-3133CT	115.00	105.80

Terminal Crimps

(ref. Molex 2262A)

- Crimps .100 Interconnection System crimp terminals
- Conductor and insulation crimps are: B type, produced in 2 cavities: 30-28AWG & 26-24AWG

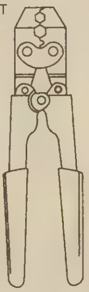
MOUSER STOCK NO.	Price Each	
	1	5
624-3135CT	115.00	105.80

(ref. Molex 2445A)

- Crimps .156 Interconnection System crimp terminals
- Conductor and insulation crimps are: B type, produced in 2 cavities: 26-22AWG & 30-24AWG

624-3136CT	115.00	105.80

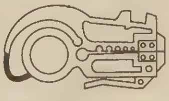
3100 SERIES CATV CRIMP TOOLS



624-3361CT Illustrated

MOUSER STOCK NO.	Length (In.)	Description	Price Each	
			1	5
624-3361CT	8	Crimps RG6 universal ribbed connectors to a .360" hex and RG59 connectors to a .324", free motion handles instead of full cycle mechanism	38.00	34.96
624-3362CT	8	Crimps RG11 connectors to a .470" hex and RG6 and RG59 universal ribbed connectors to a .360" hex	45.00	41.40
624-3163CT	8	Crimps RG6 and RG59 universal ribbed connectors to a .375" round	62.00	57.04

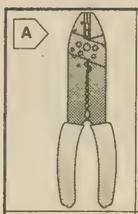
8400 TELE-STRIP



- Long life cutting blades
- Strip and slit lengths may be varied
- A strip length gage is molded into the side of the tool
- Opposing cutting surfaces w/penetration stops strip flat telecommunication cable
- Stripping feature w/multiple nest cavities allows removal of wide variety of jacket materials

MOUSER STOCK NO.	Description	Price Each	
		1	5
624-8400	Multi-purpose, versatile product for telecommunication cable preparation, will slit & strip CAT 5 cable & flat cable	24.50	22.54

Tools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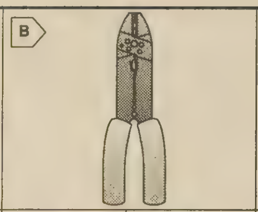
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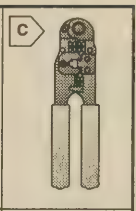
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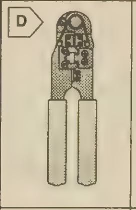
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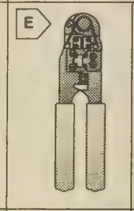
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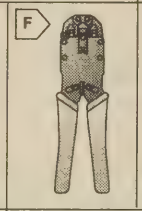
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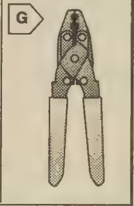
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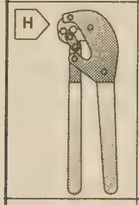
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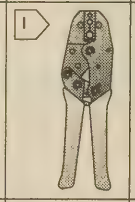
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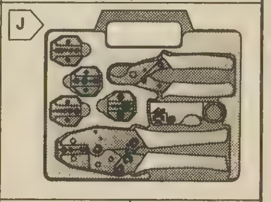
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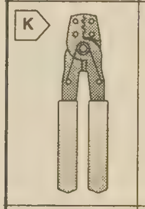
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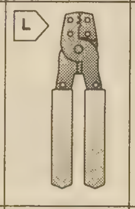
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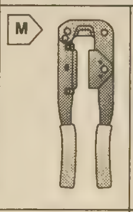
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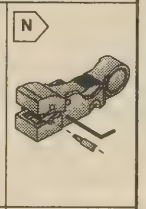
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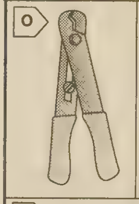
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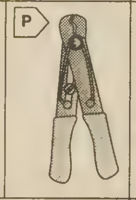
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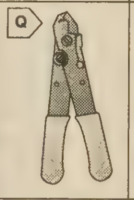
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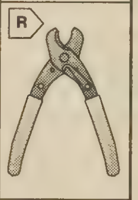
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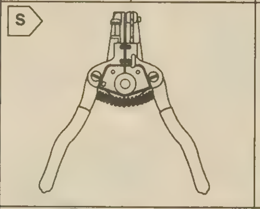
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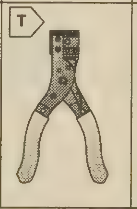
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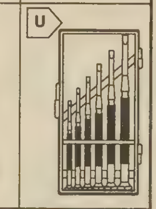
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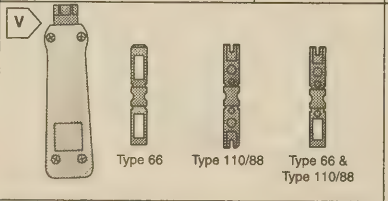
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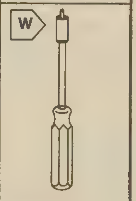
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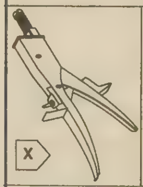
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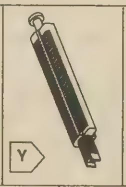
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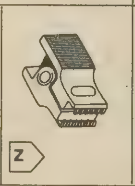
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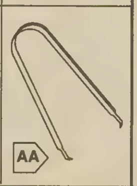
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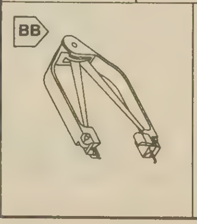
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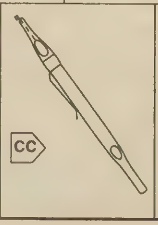
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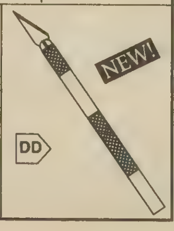
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3M SOLDERLESS TERMINAL CRIMPING TOOL

- Crimps, cuts and strips
- Crimps both insulated ad non-insulated solderless terminals

MOUSER STOCK NO.	Fig.	Description	Price Each
517-TH-440	A	Standard crimp for 22-10AWG	16.34
517-TH-450	B	Heavy duty crimp for 26-6 AWG	28.46

MODULAR CRIMPING TOOLS

3-Way Modular Crimping Tools

- Deluxe types with Safe Guide and closed lock for storage
- Cuts, strips, and crimps
- Hardened steel frame
- Black oxide finish
- Lightweight and durable

382-2094C	C	For 4P4C and 4P2C plugs	17.76
382-2096C	C	For 6P6C, 6P4C, & 6P2C plugs	19.38
382-210C	D	For 8P8C modular plugs	21.48
382-2092C	E	For 10P10C modular plugs	34.10

Replacement Blades

MOUSER STOCK NO.	Fits	Price Each
382-20961	382-2194, 382-2196, 382-2198, 382-2094C, 382-2096C, & 382-210C	3.72

Professional Modular Crimping Tool

8" professional modular crimping tool cuts, strips, and crimps the more popular modular plugs. This tool is designed for crimping 8P8C, 6P6C, 6P4C, 6P2C, 4P4C, and 4P2C modular plugs with stranded flat wire.

MOUSER STOCK NO.	Fig.	Description	Price Each
382-2008	F	For 4, 6, and 8-position plugs	99.95

"F" CRIMPING TOOLS

Parallel Action "F" Crimping Tool

382-0242	G	9" deluxe hex type for RG59 and aluminax RG6	8.55

"F" Professional Hex Crimp Tools

556-WS25	H	For RG-59/U and RG-6/U coaxial cable	17.50
556-WS27	H	For RG-58/U and RG-59/U coaxial cable	17.50

COAX CRIMPING TOOL

- Crimps: RG6, 59, 62, 140, 210, Belden 8279, 55, 58, 141, 142, 223, 303, 400, fiber optic

382-301C	I	Ratchet hex tool for F, FNC, TNC, N, Teflon, Thinnet-PVC, and Fiber Optic connectors	28.95
382-0330	J	Coax tool kit, includes: (1 ea.) 382-301C Heavy Duty Professional Hex Crimp Tool, assortment of dies to work with the following types of coaxial cable: RG6, 8, 8X, 9, 11, 55, 58, 59, 62, 87A, 122, 140, 141, 142, 149, 165, 174, 178, 179, 180, 187, 188, 195, 210, 213, 214, 216, 223, 225, 303, 316, 400, Fiber Optic, Belden types 8218, 8279, and 9913, Coax stripper that works with RG58, 59, 62, 6, and 3C2V cable, Heavy duty 6-1/2" cable cutter that works with .16" to .413" cable	78.96

D-SUB CRIMPING TOOLS

556-WS26	K	Crimps all loose, crimp type D-sub connectors	9.79
382-0213	L	For computer pins and sockets D-sub 20-28 AWG wire	18.48

IDC CRIMPING PLIERS

- Easy to assemble flat cable onto IDC type connectors
- Crimping distance for connectors height from .236" to 1.06"

382-0214	M	9-1/2" long, steel frame	18.15

ROTARY CABLE STRIPPERS

- 3 blade models
- No replacement cassettes needed
- Comes with allen wrench adjustment tool

MOUSER STOCK NO.	Fig.	Description	Price Each
382-312A	N	Preset for stripping RG59/62/6	16.95
382-312B	N	Preset for stripping RG58/59/62	16.95

WIRE STRIPPERS AND CUTTERS

5876-100	O	Screw adjustment w/o spring 5"	4.49
5876-101S	P	Scew adjustment with spring 5"	5.45
5876-103S	Q	Cam adjustment with spring 5-5/16"	7.05

CABLE CUTTER

- Hardened carbon steel
- Curved blade cuts wire .016" to .413"

382-0206	R	6-1/2" long, black oxide finish	8.37

STANDARD WIRE STRIPPERS

524-766	S	12 - 20 AWG stripper	18.04
524-766-A	S	14 - 30 AWG stripper	19.25

CABLE TIE TOOL

- Accepts ties up to .07" thick
- Steel

382-2081	T	6-1/2" long, black oxide finish	12.40

IMPACT AND PUNCH DOWN TOOL/BLADES

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
382-3240	V	Impact and punchdown tool	20.49	18.63
382-0014	V	Blade, type 66	10.20	9.18
382-0014B	V	Blade, type 110/88	10.20	9.18
382-0014C	V	Blade, type 66&110/88	10.20	9.18

PRECISION SCREWDRIVER SET

38TS100	U	6 piece slotted set w/ clear-view plastic case. Sizes (mm): .8, 1.4, 2.0, 2.4, 2.9, 3.8	12.91

KNURLED NUT TOOL

For tightening Mouser's 4mm & 6mm slotted knurled nuts. Stock Number: 16PJ100/125/126/128 (2.5mm) and 16PJ011/135/136/137/138 & 164-1010 (3.5mm)

To be used on knurled nuts, on jacks, or the replacement knurled nuts, 48KN004 and 48KN006 sold on page 400.

- Blade Length: 3 inches
- Total Length: 5 7/8 inches
- Nickel plated finish
- Accurately mates into knurled nut slots which are spaced 180° apart.

MOUSER STOCK NO.	Fig.	Knurled Nut Size (mm)	Price Each	
			1	5
382-0004	W	4	5.94	4.76
382-0006	W	6	5.94	4.76

DELUXE NIBBLING TOOL

MOUSER STOCK NO.	Fig.	Description	Price Each
524-806	X	With spring operated stripper	15.46

ANTI-STATIC IC INSERTION TOOLS

524-12-4108	Y	8 pin insertion tool	10.45
524-12-4116	Y	14 - 16 pin insertion tool	10.45
524-12-4128	Y	24 - 28 pin insertion tool	13.32
524-12-4140	Y	36 - 40 pin insertion tool	13.32

IC EXTRACTOR TOOLS

38IC565	Z	Spring clip / for use up to 16 pin	3.41
524-9227	AA	IC spring steel extractor	3.22

PLASTIC LEADED CHIP CARRIER (PLCC) REMOVAL TOOL

381-1000	BB	PLCC removal tool, anti-static	13.50

Spectrol TRIMMER POTENTIOMETER ADJUSTMENT TOOL

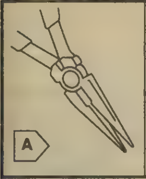
- Glass filled nylon body

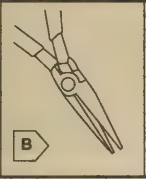
594-8T000	CC	Stainless steel blades	1.06

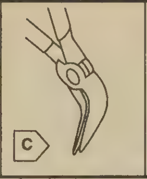
Xcelite® KNIFE, BLADES, AND KNIFE SET

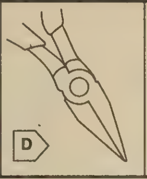
578-XN100B	DD	Light duty knife	1.89
578-XNB103	-	5 blade pack	1.92
578-XNS100	-	Knife set, 10 assorted blades	9.06

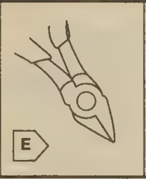
Pliers and Cutters

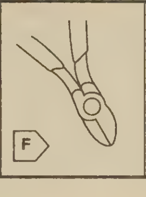


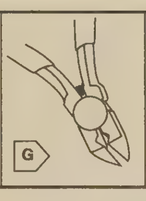


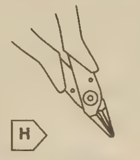


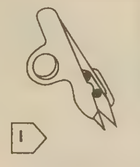


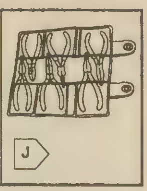












COOPER Tools PLIERS

ESD SAFE

- Lightweight, miniature plier line
- Choice of oval, tapered, relieved, and angled head
- Full flush or semi-flush cutting edges
- Needle nose styles include long, short, curved, flat, and round to handle most forming, looping, twisting, insertion, and pickup jobs
- Copaloy® joint maintains perfect cutting edge and tip alignment
- Forged from high quality alloy steel for maximum strength and durability
- Precision ground to close tolerances, individually finished and tested to ensure exact fit of jaws
- Polished heads with gun metal handles
- Made in the U. S. A.

Models with an asterisk (✱) have unique corrosion proof Copaloy® copper alloy rivet joints. They act like precision bearings to eliminate steel-on-steel friction and maintain perfect alignment of tips and cutting edges.

Xcelite® Electronic Pliers

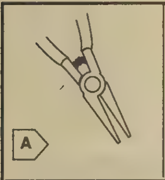
For quantities greater than listed, call for quote.

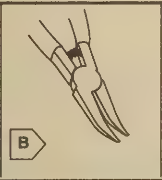
	MOUSER STOCK NO.	Fig.	Size (In.)	Description	Price Each
✱	578-SN54	A	5	Long nose with side cutter, finely scored jaws	15.62
✱	578-SN55	A	5 1/2	Long nose with side cutter, finely scored jaws	15.60
✱	578-L4	B	4	Long nose subminiature, very fine point	12.66
✱	578-LN54	B	5	Long nose finely scored jaws	13.91
✱	578-LN55	B	5 1/2	Long nose finely scored jaws	14.28
✱	578-CN54G	C	5	Long curved nose (approx 60°), smooth jaws	15.62
✱	578-NN54	B	5	Needle nose finely scored jaws	16.38
✱	578-NN54G	B	5	Needle nose smooth jaws, slightly rounded edges	16.47
✱	578-RN54	B	4 1/2	Round nose smooth jaws, for forming loops in wire	14.93
✱	578-NN7776	B	6	Extra long needle nose	15.59
✱	578-DN54G	D	5	Flat nose smooth jaws	12.71
✱	578-LN54G	B	5	Thin long nose smooth jaws	14.01

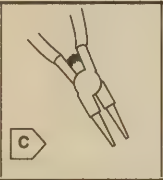
Xcelite® Diagonal Cutting Pliers and Electronic Shears

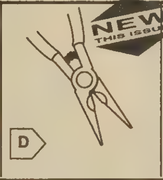
† Not ESD Safe

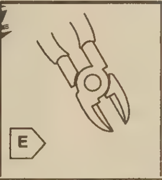
	MOUSER STOCK NO.	Fig.	Size (In.)	Description	Price Each
✱	578-MS545J	E	4	Tapered head, flush cut	13.52
✱	578-MS54J	F	4	Oval head, flush cut	14.31
✱	578-MS54	F	4	Oval head, semi-flush cut	12.71
✱	578-S54S	F	4 1/2	Diagonal cutting general purpose, 7/16" cutting blade	14.39
✱	578-S55	F	5	Diagonal cutting general purpose, 5/8" cutting blade	13.74
✱	578-MS543J	E	4	Relieved tapered head, flush cut	14.46
✱	578-GA54	G	4	Angled diagonal end cutter at 29°	22.71
✱	578-MS549J	E	4	Tapered head, diagonal cut	14.01
✱	578-S475JS	E	5	Tapered head flush cut	13.70
†	578-54CG	F	4	Diagonal pliers standard beveled edges, red grips	15.98
†	578-170M	H	5	Shearcutter blue grips	4.91
†	578-1570B	I	- - -	Versatile, 4-3/4" light-weight cutter with stainless steel replaceable blades. Heavy duty contoured frame	7.90
✱	578-C1	J	- - -	Includes MS54, SN54, LN54, NN54, plus 4" traverse end cutter, 4" flat nose pliers & leather pouch w/ brass snaps	96.78

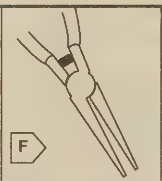


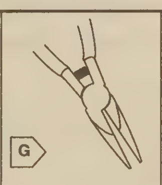


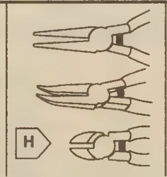


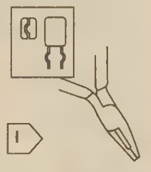


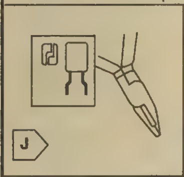


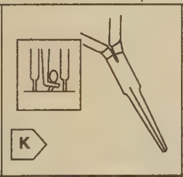


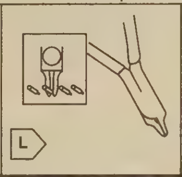


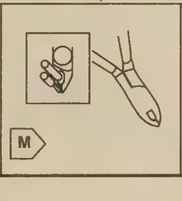


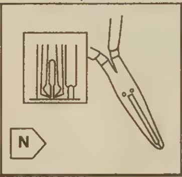


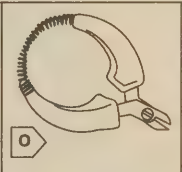


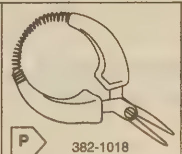




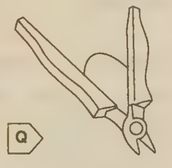








382-1018 Illustrated



MINIATURE PLIERS

Ideal for precise PCB work. Recommended for cutting copper and soft lead wires. Return spring, durable box joint and smooth insulated grips. Long nose pliers have serrated tips with smooth inside jaw.

MOUSER STOCK NO.	Fig.	Description	Price Each
382-0152	A	4" flat nose pliers	5.81
382-0153	B	4" bent nose plier, 45° slant	5.81
382-0154	C	4" straight nose internal pliers	5.81
382-0155	D	4" long nose with side cutter and serrated tip	5.50
382-0300	E	4 1/2" side cutter, flush cut	5.45
382-0301	D	5" long nose with side cuter and serrated tip	5.49
382-0302	F	5" flat nose plier with smooth jaws	5.45
382-0305	G	4 1/2" long nose without cutter, serrated tip	5.45
382-0704	H	3 pc. plier set incl. 5" long nose, 4 1/2" side cutter, 5" bent nose	15.74

PC BOARD "DREAM" TOOLS

Small, lightweight pliers. Designed primarily for holding, bending, and cutting fine wires in electronic, radio, TV, and electrical work.

- Take a look at what these pliers can do

383-1001	I	4 1/2	Lead Forming: forms strain reliefs in component leads and indents in leads to hold components during wave soldering	24.09
383-1002	J	4 1/2	Lead Bending: for adjusting lead spacing on small components	24.09
383-1003	K	5 1/2	Bent Nose: manipulates & dresses components in tight spaces	23.71
383-1004	L	5	Nippers: very narrow cutting head for cutting in close spaces	25.41
383-1005	M	5	Tip Cutters: for those crowded, inconvenient areas	25.41
383-1006	N	5 1/4	End Cutting Nippers: "top down" cutting for high density areas	27.10

PALM GRIP SERIES

- Precision, rust proof stainless steel
- Spring loaded with minimal travel
- Applications: PC boards, setting precise and small parts, assembling plastic hobby models, cutting small wires, fishing, and hundreds of other tasks

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Color	Description	Price Each
382-1017	O	Red	Flush cutter	14.87
382-1018	P	Blue	Flat nose pliers (serrated)	14.87
382-1019	P	Tan	Flat nose pliers	14.87
382-1020	P	Yellow	Round nose pliers	14.87
382-1021	P	Green	Needle nose pliers	14.87
382-1022	P	Orange	Curved nose pliers	14.87

CLIP AND GRIP FLUSH CUTTER

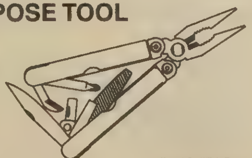
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
524-12-504	Q	Forged alloy steel cutters for wire up to .047" diameter (18 AWG) Retainer holds clipped ends.	20.93

Crescent® TOOLZALL™ MULTI-PURPOSE TOOL

Features:

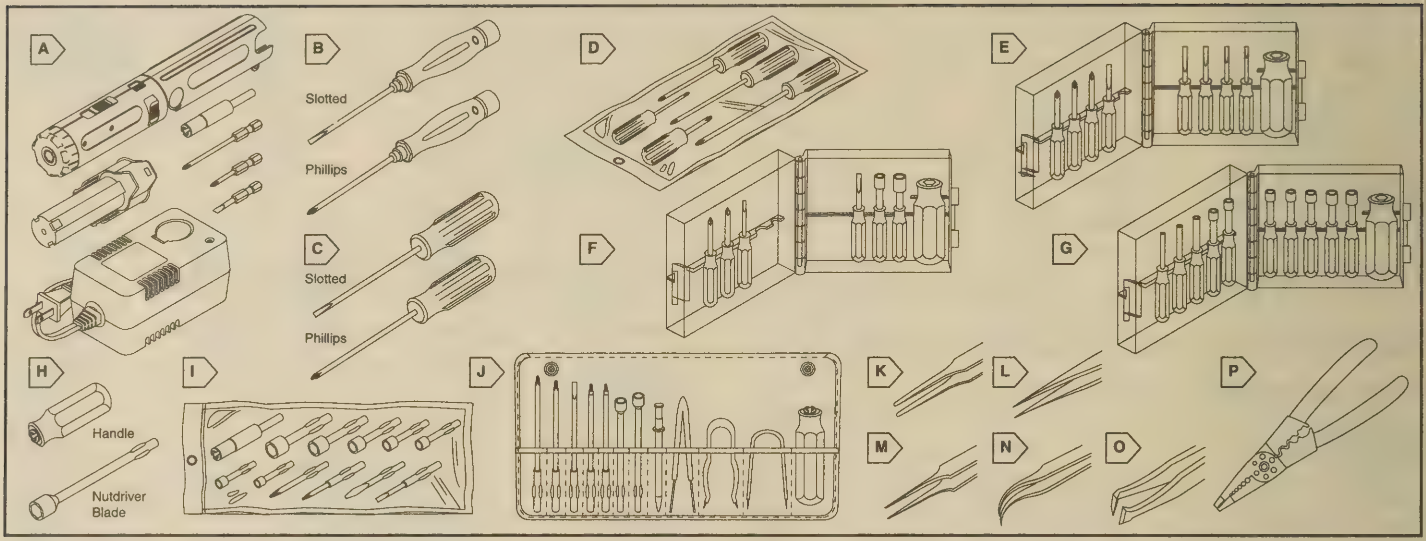
- Consists of 12 of the most popular tools available
- Built from stainless steel for longer life
- Ideal for the professional and handyman
- Adjustable/replaceable tool components
- Limited lifetime warranty
- Built in USA by Crescent®



ToolZall™ Pro

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	2
578-TZ2V	Needle nose/regular pliers, 2 flathead screwdrivers, phillips screwdriver, metric/english ruler, wood/metal file, 2 knife blades, can/bottle opener, wire cutter, lanyard ring	53.10	51.33



Xcelite® CORDLESS SCREWDRIVER KIT

- Motor: 3.6VDC
- Overall length: 10.8"
- XP1BC charger for a quick 1 hour charge
- UL and cUL approved charger
- Includes 3 bits: 2 Phillips® and 1 slotted

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	6
578-XP1	A	Kit contains: driver, battery, charger, 3 bits, 1 adapter	108.00	104.40
578-XP1B	- -	Replacement 3.6V nickel-cadmium battery	24.23	23.42

Xcelite® PRECISION ELECTRONIC SCREWDRIVER SETS

- Chrome-molybdenum vanadium steel blades
- Precision tolerance black tips
- No-roll handle design

XP1550: 1.5" x 50mm slotted	XPPH00: #00 phillips
XP2065: 2.0" x 65mm slotted	XPPH0: #0 phillips
XP2575: 2.5" x 75mm slotted	XPPH1: #1 phillips
XP30100: 3.0" x 100mm slotted	

578-XP400	B	4 pc. set: XP1500, XP2575, XP30100, XPPH0	13.73	13.27
578-XP700	B	7 pc. set: XP1500, XP2065, XP2575, XP30100, XPPH00, XPPH0, XPH1	24.74	23.91

Xcelite® SCREWDRIVERS

Pocket Clip Style - Round Blade

MOUSER STOCK NO.	Fig.	Type	Blade Dia. (In.)	Length Dimensions (In.)			Price Each
				Handle	Blade	Total	
578-R3322	C	Slotted	3/32	2 1/4	2	4 1/4	1.94
578-R181	C	Slotted	1/8	2 1/4	2	4 1/4	1.86
578-R183	C	Slotted	1/8	2 1/4	3	5 1/4	2.30
578-P12S	C	Phillips	0	2 1/4	2	4 1/4	2.52

Regular - Round Blade

578-R184	C	Slotted	1/8	4	6	5/8	2.99
578-R186	C	Slotted	1/8	6	8	5/8	3.21
578-R3163	C	Slotted	3/16	3	6	5/8	3.74
578-R3164	C	Slotted	3/16	4	7	5/8	4.31

Regular - Phillips Type

MOUSER STOCK NO.	Fig.	Point Size	Blade Dia. (In.)	Length Dimensions (In.)			Price Each
				Handle	Blade	Total	
578-X100	C	0	1/8	2 5/8	2	4 5/8	2.79
578-X101	C	1	3/16	2 5/8	3	6 5/8	3.72
578-X108	C	1	3/16	3 5/8	6	9 5/8	4.88
578-X102	C	2	1/4	4 1/8	4	8 1/8	4.97

Xcelite® SCREWDRIVER SETS

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	3
578-SDX-22	D	5 phillips screwdrivers, 1/8", 3/16", 1/4", 5/16" stubby	22.67	21.91
578-SDR-11	D	5 slotted screwdrivers, 1/8", 5/32", 3/16", 1/4", 5/16"	20.84	20.14
578-PS88	E	5 slotted, 3 phillips, and torque handle	24.65	23.82

Xcelite® SCREWDRIVER AND NUTDRIVER SET

578-PS7	F	2 nutdrivers 1/4" and 5/16", 2 slotted and 2 phillips screwdrivers, 3/16", 3/32"	19.26	18.62

Xcelite® NUTDRIVER SETS

578-PS120	G	10 nutdrivers 3/32" - 3/8"	31.13	30.09
578-PS121MM	G	10 nutdrivers 3mm - 10mm	38.37	37.09
578-HS6-18	G	10 hollow shaft nutdrivers 3/16" - 9/16"	51.69	49.97

Xcelite® SERIES 99® NUTDRIVER HANDLE AND BLADES

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	12
578-991	H	Handle for Series 99® blades, amber	3.77	3.64
578-996	H	3/16" nutdriver blade	3.59	3.47
578-997	H	7/32" nutdriver blade	3.59	3.47
578-998	H	1/4" nutdriver blade	3.59	3.47
578-999	H	9/32" nutdriver blade	3.59	3.47
578-9910	H	5/16" nutdriver blade	3.59	3.47
578-9911	H	11/32" nutdriver blade	3.75	3.63
578-9912	H	3/8" nutdriver blade	3.75	3.63
578-9914	H	7/16" nutdriver blade	4.80	4.64
578-9916	H	1/2" nutdriver blade	4.80	4.64

Xcelite® SERIES 99® NUTDRIVER AND SCREWDRIVER SET

- Designed for use with cordless rechargeable screwdrivers
- Contains 12 most popular nutdriver and screwdriver sizes together with a power adapter
- Convenient vinyl carrying pouch

MOUSER STOCK NO.	Fig.	Contains	Price Each	
			1	6
578-99PA50	I	3/16", 7/32", 1/4", 9/32", 5/16", 11/32", and 3/8" stubby nutdrivers; 3/16" and 1/4" stubby slotted screwdrivers, #1 and #2 stubby Phillips screwdrivers; cordless screwdriver adapter	19.95	19.29

Xcelite® PERSONAL COMPUTER REPAIR KIT

- Ideal for repairs on PC's
- Contains 13 anti-static chip tools, protects chips from ESD damage
- Tools fit securely in a convenient roll-up pouch

578-99SPC	J	#0 Phillips screwdriver blade; #1 Phillips blade; 3/16" slotted screwdriver blade; two Torx® screwdriver blades; 3/16" and 1/4" hex nutdriver shanks; regular handle; three-prong chip retriever/extractor-antistatic; chip tweezer; chip inserter; chip extractor-antistatic	39.24	37.93

Erem TWEEZERS

- Material: "non-magnetic", anti-acid alloy
- Temperature resistance: 300°C

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	6
578-EROP2ASA	K	4.5" round point	5.57	5.38
578-EROP3SA	L	4.5" popular fine point for microelectronics	5.61	5.42
578-EROP3CSA	L	4.25" popular fine point for microelectronics	5.61	5.42
578-EROP5SA	M	4.5" superfine point, special shaping	5.61	5.42
578-EROP7SA	N	4.5" curved point for easy access in confined areas	5.61	5.42
578-EROPAASA	L	4.75" strong but fine point	5.57	5.38
578-EROPOOSA	L	4.75" flat inside edges, general purpose	5.61	5.42

Erem CUTTING TWEEZERS

578-15AGW	O	4.5" oblique head, long life, soft wire cutting	38.31	37.03

Xcelite® WIRE STRIPPER AND CUTTER

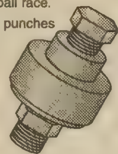
MOUSER STOCK NO.	Fig.	Description	Price Each
578-104CG	P	Cutter, stripper, crimper, and bolt cutter	25.17

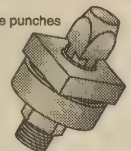
Punches, Drill Bits, and Tap And Die Sets

PANEL PUNCHES

Punching capacity: Mild steel .065" (1.65mm), aluminum .079" (2mm)

* Use of ball race is optional. Other punches are supplied with ball race.


Round hole punches


Square hole punches

Round Metric Hole Punches

380-0125, 380-0145, and 380-0165 do not require ball races

MOUSER STOCK NO.	Hole Size (mm)	Price Each
380-0125	12.5	16.53
380-0145	14.5	19.50
380-0165	16.5	19.50
* 380-0180	18.0	19.50
* 380-0200	20.0	19.50
* 380-0225	22.5	19.50
* 380-0250	25.0	22.79
* 380-0275	27.5	22.79
* 380-0300	30.0	22.79
380-0350	35.0	25.97
380-0400	40.0	27.33
380-0450	45.0	42.54
380-0500	50.0	51.60
380-0600	60.0	59.44
380-0750	75.0	161.00

Optional Ball Race

For use with square and round hole punches where ball races are optional.

38BB002	10mm	6.44

Round Imperial Hole Punches

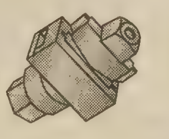
MOUSER STOCK NO.	Hole Size (In.)	Price Each
* 38RH034	3/4	19.50
* 38RH078	7/8	19.50
* 38RH100	1	22.79
* 38RH114	1-1/4	22.79
38RH112	1-1/2	31.88
38RH134	1-3/4	42.54

Square Metric Hole Punches

38SQ038	9.53	46.61
380-0126	12.6	51.84
* 380-0141	14.1	51.84
* 380-0168	16.8	51.84
* 38SQ034	19.1	58.69
* 380-0325	32.5	156.65
380-1450	45.0	345.96

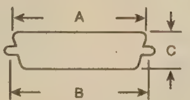
GREENLEE®

ELECTRONIC CONNECTOR PANEL PUNCHES



Features:

- Drill only one 7/16" pilot hole
- Use wrench or hydraulic drive methods
- Capacity 22-16 gauge mild steel
- Universal size for front or back mount of connectors
- 5 piece assembly: Punch, die, draw stud, square nut, and ball bearing drive nut (in a plastic carrying case)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	No. of Pins	Dimensions (In.)			Price Each
		A	B	C	
586-0229	9	.787	.982	.469	377.00
586-0231	15	1.127	1.309	.469	377.00
586-0232	25	1.655	1.853	.469	377.00
586-0234	37	2.296	2.497	.469	407.00
586-0238	50	2.201	2.402	.579	407.00

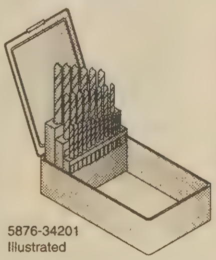
GENERAL PURPOSE DRILL BITS AND DRILL BIT SETS

Drill Bit Features:

- Sizes for PC board applications
- High speed steel
- Straight shank

Drill Bit Set Features:

- High speed steel
- Industrial quality
- Black ferous oxide finish cases
- Straight shanks (except for 5876-34156 which has 3/8" reduced shanks)


5876-34201 Illustrated

Drill Bits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Drill Size			Price Each			
	Drill No.	Hole Size (In.)	Length (In.)	1	10	20	50
5876-409-52	52	.0635	1 7/8	.88	.80	.74	67
5876-409-55	55	.0520	1 7/8	.88	.80	.74	67
5876-409-60	60	.0400	1 5/8	1.01	.91	.84	.77
5876-409-66	66	.0330	1 3/8	1.16	1.05	.96	.88
5876-409-69	69	.0292	1 3/8	1.16	1.05	.96	.88
5876-409-75	75	.0210	1	1.55	1.41	1.30	1.18
5876-409-80	80	.0135	3/4	1.55	1.41	1.30	1.18

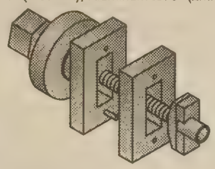
Drill Bit Sets

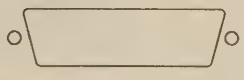
For quantities greater than listed, call for quote.

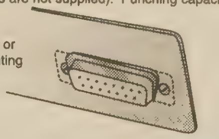
MOUSER STOCK NO.	Description	Price Each
5876-34156	15 piece set: No. 1/16" - 1/2" in 1/32" increments, 3/8" reduced shanks	40.05
5876-34181	21 piece set: No. 1/16" - 3/8" in 1/64" increments	34.30
5876-34201	29 piece set: 1/16" - 1/2" in 1/64" increments	69.68
5876-34241	60 piece set: No. 1-60 (.2280" - .0400")	50.59

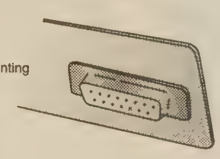
MOUSER® D-SUB CONNECTOR PUNCHES

The easiest way to cut holes in mild steel, aluminum, etc. is to use Mouser "D" connector hole punches. It is almost effortless when using the friction reducing ball race (which is supplied). It is a patented design, with only 6 steps from punching to mounting. 1/8" and 21/64" drills required (drills are not supplied). Punching capacity: Mild steel .065" (1.65mm), Aluminum .079" (2mm)






Universal or rear mounting


Front mounting

Rear Mounting D-Sub Connector Punches

MOUSER STOCK NO.	No. of Pins	Dimensions (In.)		Mounting	Price Each	
		Length	Width		1	5
38DM919	9	.78	.445	Rear	247.51	222.76
38DM928	15	1.11	.445	Rear	247.51	222.76
38DM941	25	1.65	.445	Rear	247.51	222.76
38DM958	37	2.30	.445	Rear	266.79	240.11
38DM955	50	2.19	.55	Rear	266.79	240.11

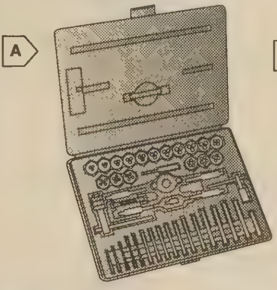
Front Mounting D-Sub Connector Punches

- For precise installation when a universal punch just won't do

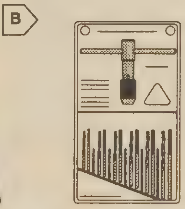
MOUSER STOCK NO.	No. of Pins	Dimensions (In.)		Mounting	Price Each	
		Length	Width		1	5
38DM921	9	.78	.51	Front	247.51	222.76
38DM929	15	1.165	.51	Front	247.51	222.76
38DM943	25	1.708	.51	Front	247.51	222.76
38DM959	37	2.354	.51	Front	266.79	240.11

TOOL SETS

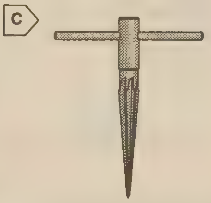
A



B



C



39 Piece Super Tap and Die Set

#4-1/2"NC and NF sizes

MOUSER STOCK NO.	Fig.	Description	Price Each
5876-44332	A	Carbon steel plug taps with 1" round screw adjusting dies for 17 most common thread sizes. Includes die stock, tap wrench, (2) T-handle tap wrenches, screw pitch gauge, and molded case.	144.06

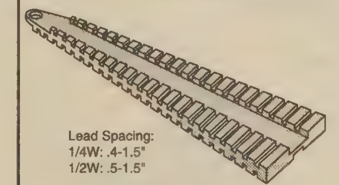
13 Piece Threading Set

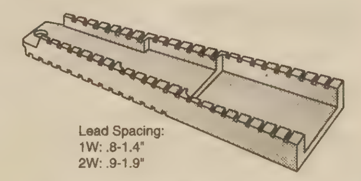
5876-41095	B	Packed in an attractive vinyl display pouch. Contents: 6 wire gauge 135° split point screw machine length HSS drill bits, no.'s 43, 35, 29, 25, 21, and 7; 6 plug taps, 4-40NC, 6-32NC, 8-32NC, 10-24NF, and 1/4-20NC plus tap wrench	13.30

T-Handle Reamer

5876-44268	C	Hardened and ground steel reamer for removing burrs or enlarging holes in sheet, plastics and similar material. Enlarges holes 1/8" to 1/2"	8.66

SPEEDY BEND LEAD FORMERS


Lead Spacing:
1/4W: .4-1.5"
1/2W: .5-1.5"


Lead Spacing:
1W: .8-1.4"
2W: .9-1.9"

Features:

- Watt size indicates approximate package size
- Centers components on accurate lead spacing
- Each lead former is graduated in .05" increments

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description (Approx. Size)	Price Each	
		1	5
5166-801	1/4 watt, 1/2 watt	2.94	2.45
5166-901	1 watt, 2 watt	3.54	2.95

Greenlee Knockout Punches

GREENLEE® STANDARD METAL KNOCKOUT PUNCHES

Operate manually using wrench to turn the threaded draw stud into the mating threads of the punch. This draws the punch into the die, shearing a hole in the material being punched. Can also be operated with ratchet or hydraulic punch drivers.

Type 730 (Round)

MOUSER STOCK NO.	Hole Size (In.)	Capacity (Gauge)	Price Each
586-3801	1/2	16	**23.00**
586-3802	9/16	16	**27.00**
586-3803	5/8	16	**27.00**
586-3804	11/16	14	**29.50**
586-3805	3/4	14	**29.50**
586-3806	13/16	14	**29.50**
586-3807	7/8	10	**27.00**
586-3808	15/16	14	**31.50**
586-3809	1	14	**33.50**
586-3810	1-1/16	16	**33.50**
586-3811	1-1/8	14	**33.50**
586-3814	1-1/4	16	**33.50**
586-3815	1-5/16	16	**33.50**
586-3816	1-3/8	16	**47.50**
586-3817	1-1/2	16	**54.00**
586-3818	1-5/8	10	**59.00**
586-3819	1-3/4	10	**65.00**
586-3820	1-7/8	10	**76.00**
586-3821	2	10	**78.00**
586-3822	2-1/8	10	**87.55**
586-3823	2-1/4	10	**90.00**
586-3824	2-1/2	10	**130.00**

Conduit Punches

MOUSER STOCK NO.	Conduit and Pipe Size (In.)	Capacity (Gauge)	Price Each
586-3880	1/2	10	**27.00**
586-3881	3/4	10	**42.50**
586-3882	1	10	**47.50**
586-3884	1-1/2	10	**64.00**
586-3885	2	10	**76.00**

Square (Formerly 731 Series)

Use to punch holes for switches and instruments in enclosures

- Accurate alignment
- Burr-free holes
- Punch up to 14 gauge mild steel
- 5-piece assembly: punch, die, draw stud, square nut and ball bearing drive nut

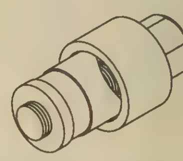
MOUSER STOCK NO.	Hole Size (In.)	Capacity (Gauge)	Price Each
586-3827	.5	14	**151.00**
586-3829	.75	14	**158.00**
586-3830	.875	14	**172.00**
586-3831	1	14	**208.00**

"D" (Formerly 733 Series)

MOUSER STOCK NO.	Dimensions (In.)		Capacity (Gauge)	Price Each
	A	B		
586-3837	.469	.5	14	**151.00**
586-3838	.594	.625	14	**161.00**
586-3839	.703	.75	14	**169.00**

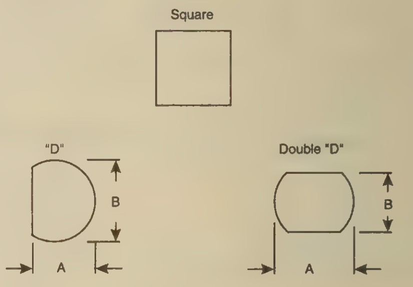
Double "D" (Formerly 734 Series)

MOUSER STOCK NO.	Dimensions (In.)		Capacity (Gauge)	Price Each
	A	B		
586-3870	.769	.642	14	**177.00**
586-3873	.913	.795	14	**223.00**
586-3874	1-3/8	1-1/8	14	**230.00**

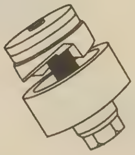


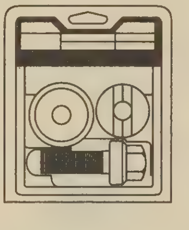
3-piece assembly: Punch, die, and draw stud

Special shape punches



SLUG-BUSTER™ KNOCKOUT PUNCHES





Features:

- Each unit includes punch, die, and drive screw
- Unique punch profile splits slugs allowing slugs to fall free for easy slug removal
- Use with manual, ratchet, or hydraulic drivers
- Uses standard Greenlee dies and draw studs
- Also available in metric units

Specifications:

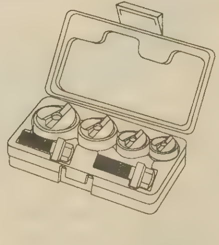
- Capacity: mild steel up to 10 gauge
- Application: punch mild steel, aluminum, fiber glass, and plastic
- Operation: Operate manually, or with ratchet or hydraulic drivers. When used with ratchet or hydraulic drivers, buy the punch and die only; the draw stud is part of the driver set.

MOUSER STOCK NO.	Conduit Size (In.)	Actual Hole Dia. (In.)	Price Each
586-3860	1/2	.885	**29.50**
586-3861	3/4	1.115	**42.00**
586-3862	1	1.362	**48.50**
586-3863	1-1/4	1.701	**52.50**

SLUG-BUSTER™ MANUAL KNOCKOUT PUNCH SETS

Features:

- Assortment of commonly used Slug Buster® knockout punches, packaged to meet the contractor's needs
- High impact rugged plastic carrying case



586-3866

MOUSER STOCK NO.	Description	Price Each
586-3866	6 piece set with punches and dies for: 1/2" to 1-1/4" conduit and 2 draw studs	**136.00**
586-3867	3 piece set with punches and dies for: 1-1/2" to 2" conduit and 1 draw stud	**133.00**
586-3868	9 piece set with punches and dies for 1/2" to 2" conduit, 2 draw studs and ratcheting 1" box end wrench	**263.00**

DELTRON Metal Working Presses and Accessories

3,000 LB. AND 5,000 LB. MANUPRESSES

3,000 lb

Constructed from high quality carbon steel with precision machined rack and pinion, giving a constant pressure through the stroke up to 3000lb/ft.

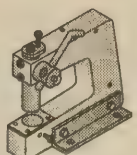
The basic press when used in conjunction with the full range of optional accessories enables the press to shear, crop, punch, bend, form and shape sheet metal. The press is supplied with a ram limit screw which enables the tool depth to be varied. The crank handle supplied can be positioned in a variety of attitudes.

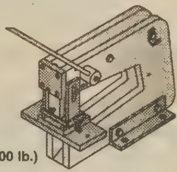
5,000 lb

An increased capacity bench mounting press, with the advantage of 5,000 lb ram pressure and a 308mm throat depth. Increased capacity enables this machine to manipulate larger sizes of sheet. The ram can be accurately adjusted to enable the cutting depth of the tool to be controlled, which in turn safeguards against tool and material damage.

A range of dedicated tools for this product is available. All press tooling from the 3000lb press can be utilized with this 5000 lb lever press by using a separate adapter.

Spec Sheet, that includes instructions, technical data and accessories is available.


(3,000 lb.)


(5,000 lb.)

3,000 lb. Features:

- Maximum allowable sheet material thickness for accessories unless otherwise specified: fiberglass .079", aluminum .10", mild steel .063"
- Compact high tensile steel frame
- Pressure capability: 3,000 lbs max. (full stroke)

5,000 lb. Features:

- Material cutting capacity (circular and rectangular punches and dies): fiberglass .079", aluminum .118", mild steel: .079"
- Precision ground rack and pinion mechanism gives constant force through the stroke
- Double, flame-cut, steel frame
- Adjustable ram controls cutting depth

MOUSER STOCK NO.	Description	Price Each
38RA005	3000 lb. press	669.00
381-5000	5000 lb. press	1995.00
Replacement Parts 3,000 lb. Press only		
381-0010	Pinion rack	76.00
381-0020	Pinion gear	76.00

MANUPRESS ACCESSORIES

Tools and Accessories

- Detailed spec sheets are available for all Manupress accessories

MOUSER STOCK NO.	Fig.	Description	Use With	Price Each
38RA515	A	Slot guillotine, for cutting and slotting	3,000 lb.	187.83
38RA015	B	Corner notching tool, cuts 90° notches	3,000 lb.	198.43
38RA700	C	Side stop, for repeatable side reference	3,000 lb.	21.73
38RA425	D	Circle cutter, 70-500mm radius	3,000 lb.	56.50
38RA115	E	"V" bending tool, forms angles 90°+	3,000 lb.	198.99
38RA525	F	Shear and cropping lever	3,000 lb.	126.50
38RA215	G	Louver tool, forms louvers 10mm x 44mm	3,000 lb.	182.99
38RA300	H	Back stop, for repeatable depth reference	3,000 lb.	22.20
38RA800	I	Centering point, use with side and back stops	3,000/5,000 lb.	16.40
38RA035	J	Nibbling tool, nibbles 5mm square holes	3,000/5,000 lb.	40.49
381-7004	K	PCB guide forming tool	3,000/5,000 lb.	112.79
381-7005	L	Domed foot indent tool	3,000/5,000 lb.	62.48
381-5001	M	Adapter, for use with 3,000 lb accessories	5,000 lb.	101.43
381-5003	A	Slot guillotine, for cutting and slotting	5,000 lb.	395.00
381-5005	E	"V" bending tool, forms angles 90°+	5,000 lb.	561.23
381-5007	N	Side stop, for repeatable side reference	5,000 lb.	99.48
381-5004	G	Louver tool, forms louvers 10mm x 44mm	5,000 lb.	347.98
381-5008	H	Back Stop, for repeatable depth reference	5,000 lb.	70.89

Round Hole Punch and Die Sets

- Includes die holders, stripper, hex key in steel case
- Individual punches available, see our web site

*Requires 381-5001 adapter for 5,000lbs

MOUSER STOCK NO.	Description	Use With	Price Each
38RA093	13 punches/dies, 3mm - 12mm dia.	3,000/5,000 lb.*	313.58
38RA096	6 punches/dies, 1/8" - 7/16" dia.	3,000/5,000 lb.*	180.29
38RA097	7 punches/dies, 12.5mm - 27.5mm dia.	3,000/5,000 lb.*	166.58
38RA099	5 punches/dies, 1/2" - 1" dia.	3,000/5,000 lb.*	137.53

Rectangular Hole Punches and Die

*Requires 381-5001 adapter for 5,000lbs

38RA202	13.7 x 11.1mm	3,000/5,000 lb.*	36.99
38RA203	15.9 x 13.0mm	3,000/5,000 lb.*	39.99
38RA204	28.2 x 22.5mm	3,000/5,000 lb.*	48.28
38RA205	28.4 x 11.4mm	3,000/5,000 lb.*	46.88
38RA206	28.0 x 21.0mm	3,000/5,000 lb.*	53.10
38RA207	29.4 x 22.0mm	3,000/5,000 lb.*	48.72

Die Holders For Round and Rectangular Punch and Dies

381-7006	Round, 3 - 12mm, 1/8" - 7/16"	3,000/5,000 lb.	25.99
38RA181	Round, 12.5 - 27.5mm, 1/2" - 1"	3,000/5,000 lb.	23.68
38RA201	Rectangular	3,000/5,000 lb.	22.90

D-Sub Connector Punch and Die Sets

*Requires 381-5001 adapter for 5,000lbs
**Requires stripper

381-7601	9 pin, front mount**	3,000/5,000 lb.*	255.51
381-7602	9 pin, rear mount**	3,000/5,000 lb.*	255.51
381-7603	15 pin, front mount**	3,000/5,000 lb.*	255.51
381-7604	15 pin, rear mount**	3,000/5,000 lb.*	255.51
381-7605	25 pin, front mount**	3,000/5,000 lb.*	270.57
381-7606	25 pin, rear mount**	3,000/5,000 lb.*	270.57
381-7007	D-sub 9 and 15 pin stripper	3,000	50.79
381-7008	D-sub 25 pin stripper	3,000	50.79

Electronic Component Hole Punches

MOUSER STOCK NO.	Fig.	Description	Use With	Price Each
381-7301	O-1	DIN socket punch and die	3,000/5,000 lb.	89.62
381-7401	O-2	BNC punch and die	3,000/5,000 lb.	45.67
381-7501	O-3	UHF socket punch and die	3,000/5,000 lb.	45.07
381-7701	O-4	Toggle switch punch and die	3,000/5,000 lb.	98.85

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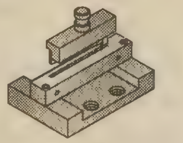

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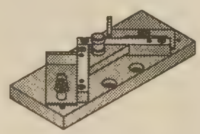

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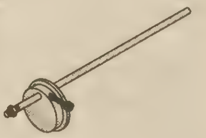

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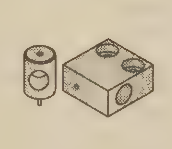

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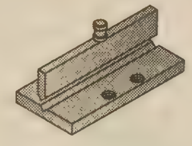

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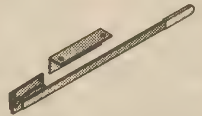

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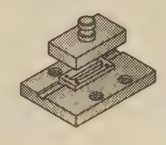

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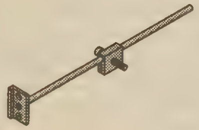

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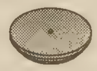

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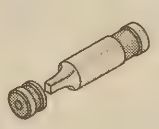

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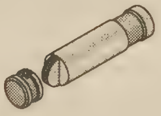

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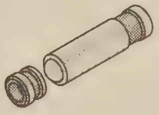

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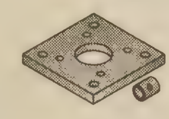

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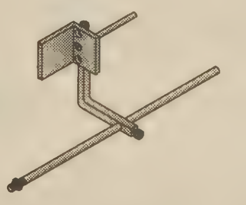

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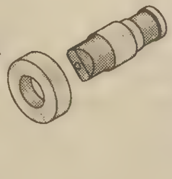

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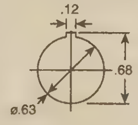

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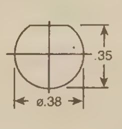

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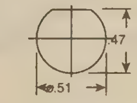

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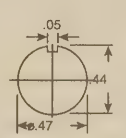
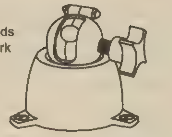


PANAVISE Vises, Presses, and Accessories

STANDARD BASE (300)

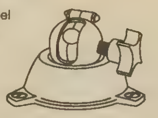
Standard base holds all regular 300 series heads and PCB holders. Split-ball feature permits work in various positions - turns and tilts. 3 base mounting holes in the lugs allow permanent mounting of base.



591-300	$ 19.99

LOW PROFILE BASE (305)

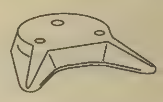
Low profile base has same features as model 300 except it is only 2 1/2" high, for working close to bench surface. Can also be permanently mounted.



591-305	$ 19.99

WEIGHTED BASE MOUNT (308)

Weighted base mount holds model 300 or 305 base with 3 screws and nuts, which are included. Weighs 5 lbs., cast iron.

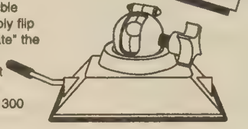


591-308	$ 27.99

VACUUM BASE (380)

NEW IN 2001

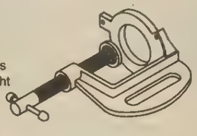
Excellent for portable applications. Simply flip the lever to "activate" the rubber base and attach the unit to any non-porous surface. Holds all 300 series heads.



591-380	$ 31.99

BENCH CLAMP (311)

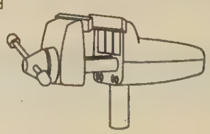
Bench clamp designed for bases 300 and 305 with screws supplied. Height 6 3/4", throat depth 2 3/8", gripping range 0"-3 1/2"



591-311	$ 38.99

STANDARD VISE HEAD (303)

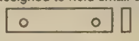
Standard vise head has 2 1/2" wide nylon jaws that open 2 1/4" and allow firm but damage-free grip. Fits 300 and 305 bases.



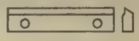
591-303	$ 23.99

NYLON JAWS (343 AND 344)

No. 343: Nylon jaws for 303 vise; type 66 nylon; electrical insulation withstands continuous heat of 200°F.
No. 344: Grooved nylon jaws with horizontal V-groove designed to hold small objects



No. 343
Nylon jaws for 303-1 Vise

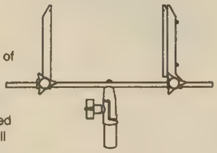


No. 344
Grooved nylon jaws

591-343	$ 2.49
591-344	$ 3.49

CIRCUIT BOARD HOLDER (315)

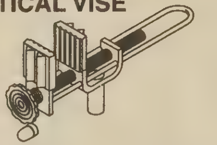
Circuit board holder; holds PC boards of any shape, up to 12" wide in any position. Tension arm permits easy board insertion. Both arms extend 6" from the bar, with V-grove grip designed to hold PCB's up to 5/32" thick. Fits all 300 series bases.



591-315	$ 29.99

WIDE OPENING VERTICAL VISE HEAD (366)

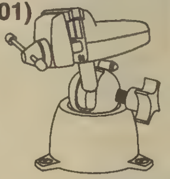
Wide opening vertical vise head fits all 300 series bases. Neoprene reversible, replaceable pads, rotates 360°. Tilt action 180°, grip range 0"-6", jaw pad width 1 3/4", throat depth 2".



591-366		$ 30.99
591-346	Replacement Jaw Pads, Pair	$2.99

STANDARD PANAVISE (301)

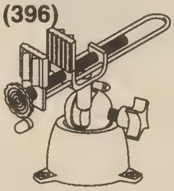
All purpose work holding unit. It tilts, turns, and rotates. This combination consists of the 300 Standard Base and the 303 Standard Head which has 2 1/2" wide nylon jaws that open 2 1/4" for firm but damage free grip. Control knob locks the work firmly in any position.



591-301	$ 42.99

WIDE OPENING HEAD (396)

The combination of the 366 Wide Opening Head and the 300 Standard Base makes this holding device very versatile for production lines, technicians, and designers. It opens to a full 6" to accommodate most PC boards. The deep-ribbed, neoframe jaw pads reverse to hold delicate cylindrical objects such as timers, coils, motor armatures, etc...

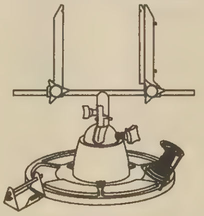


591-396		$ 45.99
591-346	Replacement Jaw Pads, Pair	$2.99

ELECTRONIC WORK CENTER (324)

A complete electronic work center. The work station gives you a circuit board holder, standard base, tray base mount, and solder station, all in one package. Keeps work areas more efficient and manageable.

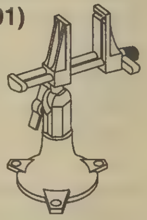
Soldering iron not included.



591-324	$ 76.99

PV JR. MINI PANAVISE (201)

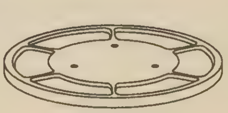
More like a tool than a vise, the grooved jaws open to 2 7/8" and are made of fiber reinforced thermal composite alloy. Jaws are controlled with a fine/coarse adjusting knob which permits very delicate work.



591-201	$ 21.95

TRAY BASE MOUNT (312)

Designed for the low profile and standard base. This is a very stable work platform, yet is easily portable. Six individual trays are cast into base for holding of small parts. Tray mount is exceptionally stable and resists tipping. It has 6 non-marring, anti-skid base pads. Standard base attaches with 3 screws, which are included.

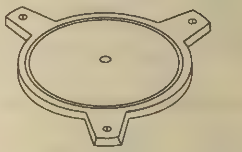


591-312	$ 19.99

MAGNETIC BASE MOUNT (335)

Attaches to any metal surface. Includes 3 mounting screws to attach to models 300 and 305.

NEW IN 2001

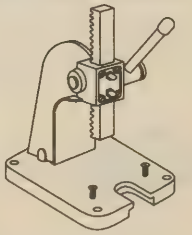


591-335	$ 17.40

PRECISION PANAPRESS (502)

The 502 Precision PanaPress is ideal for pressing bearings, sleeves, collars, forming and assembling small parts, punching, riveting, broaching, staking, etc. Exerts pressures up to 1/4 ton and features a reversible ram.

NEW IN 2001

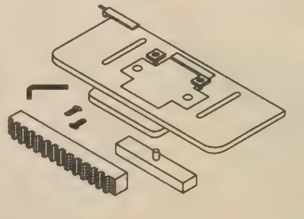


591-502	$ 109.99

IDC RETROFIT KIT (506)

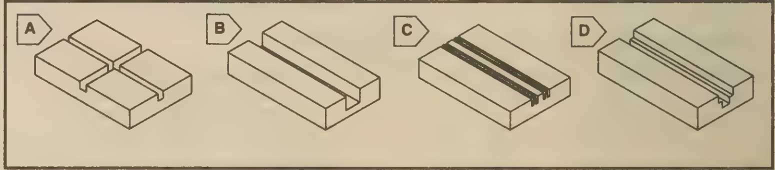
Converts the 502 Precision PanaPress into an IDC Bench Assembly Press. When used with interchangeable base plates it accomodates a bread range of IDC connectors, which are capable of mass terminating up to 64 conductor cable in seconds without wire stripping or soldering.

NEW IN 2001



591-506	$ 56.99

ACCESSORIES FOR IDC RETROFIT KIT



MOUSER STOCK NO.	Fig.	Description	Price Each
591-510	A	For female socket transition connectors. Fits: Ansley, Amphenol/Spectra Strip, 3M/AP Products, Alpha, Augat, Souriau	26.99
591-510A	A	For female socket transition connectors. Fits: Belden	26.99
591-511	B	For card edge connectors. Fits: Ansley, 3M/AP Products, Alpha	26.99
591-511A	B	For delta type connectors. Fits 3M/AP Products	26.99
591-512	C	For standard DIP plugs. Fits: all makes either .100" x .300" or .100" x .600" (industry standard sizes)	26.99
591-512A	C	For miniature DIP Plugs. Fits: all makes .100" x .100" (industry standard)	26.99
591-513	D	For D-sub connectors. Fits: Ansley, Alpha	26.99
591-513A	D	For D-sub connectors. Fits: 3M/AP Products #925140-25-R male, 3M/AP Products #925145-25-R Female, AMP RS232 male and female	26.99
591-513B	D	For D-sub connectors. Fits: H & T	26.99
591-513C	D	For D-sub connectors. Fits: Belden	26.99

Weller Soldering Stations

SOLDERING STATIONS AND ACCESSORIES

Quick heat up, fast recovery, and more reliable than ever. A new generation of electronically controlled soldering stations for fast continuous soldering.

WS80 Station Includes:

- WSP80 pencil
- WPH80 holder
- Antistatic housing
- Temperature dial control from 300°F-850°F
- Accuracy ±2% of final value

WSD80 Station Includes:

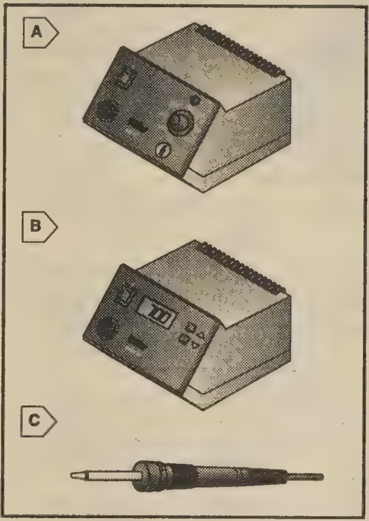
- WSP80 pencil
- WPH80 holder
- Antistatic housing
- Temperature dial control from 100°F-850°F
- Accuracy ±2% of final value

ESD SAFE

WSP80 Tip Features:

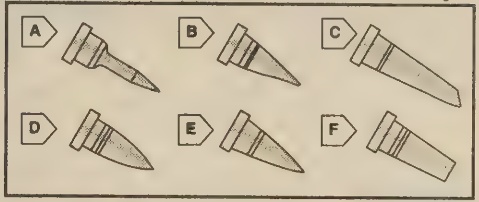
- Unique silver heating element and tip configuration is more conductive so that the heat passes directly into the tip
- Weller low-mass tip has a 10% faster recovery time
- Achieves very little temperature loss when making mass connections or during fast soldering

MOUSER STOCK NO.	Fig.	Description	Price Each
578-WS80	A	80W analog station	256.16
578-WSD80	B	80W digital station	345.09
578-WSP80	C	Soldering iron	108.83



LT Series Tips for WSP80 Iron

- Weller low-mass tip has a 10% faster recovery time
- Little temperature loss when making mass connections or fast soldering

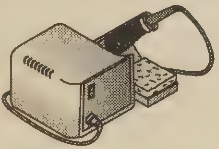


MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	20
578-LT-I	A	.25mm round	5.39	5.21	4.77
578-LT-IS	B	.2mm slim tip	5.39	5.21	4.77
578-LT-AS	A	1.6mm round	5.39	5.21	4.77
578-LT-B	C	2.4mm chisel	5.39	5.21	4.77
578-LT-C	D	3.2mm chisel	5.39	5.21	4.77
578-LT-H	D	.8mm chisel	5.39	5.21	4.77
578-LT-CS	E	3.2mm chisel	5.39	5.21	4.77
578-LT-D	D	4.6mm chisel	5.39	5.21	4.77
578-LT-K	D	1.2mm chisel	5.39	5.21	4.77
578-LT-A	C	1.6mm chisel	5.39	5.21	4.77
578-LT-GW	F	3.2mm chisel	5.31	5.13	4.71

WTCPT SOLDERING STATION AND TIPS

Features:

- Special "closed loop" method of controlling maximum tip temperature
- PT series soldering tips come in a variety of shapes and sizes in three temperature ranges



WTCPT Station with 42W Iron

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
578-WTCPT	WTCPT station / TC201T (42W) iron / PTA7 tip / stand	138.32

Replacement Parts (not illustrated)

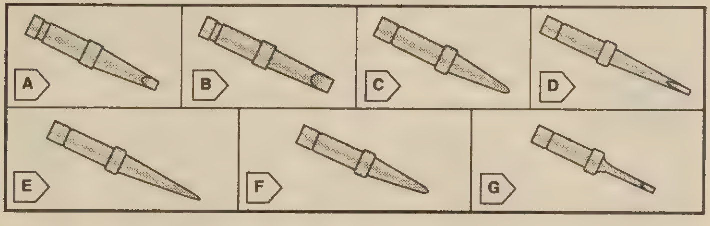
For quantities greater than listed, call for quote.

578-TC201T	Soldering iron used with WTCPT station	72.65
578-SW60	Switch assembly for TC201 iron used with WTCPT station	24.41
578-EC234	Heater assembly for TC201T Iron used with WTCPT station	14.94
578-BA60	Barrel Nut assembly for TC201T.Iron used with WTCPT station	5.39

PT Series Tips for TC201T (42W) Iron

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Size (In.)	Reach (In.)	Temp Rating	Price Each		
						1	10	20
578-PTA6	A	Screwdriver tip	.06	.62	600°F	5.72	5.52	5.07
578-PTA7	A	Screwdriver tip	.06	.62	700°F	5.72	5.52	5.07
578-PTA8	A	Screwdriver tip	.06	.62	800°F	5.72	5.52	5.07



PT Series Tips for TC201T (42W) Iron (cont.)

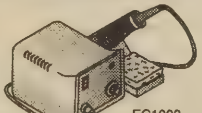
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Size (In.)	Reach (In.)	Temp Rating	Price Each		
						1	10	20
578-PTD6	B	Screwdriver tip	.18	.75	600°F	5.72	5.52	5.07
578-PTD7	B	Screwdriver tip	.18	.75	700°F	5.72	5.52	5.07
578-PTD8	B	Screwdriver tip	.18	.75	800°F	5.72	5.52	5.07
578-PTH7	C	Screwdriver tip	.03	.62	700°F	5.72	5.52	5.07
578-PTK7	D	Screwdriver tip	.04	1.00	700°F	5.72	5.52	5.07
578-PTO7	E	Long conical tip	.03	1.00	700°F	5.72	5.52	5.07
578-PTO8	E	Long conical tip	.03	1.00	800°F	5.72	5.52	5.07
578-PTP7	F	Conical tip	.03	.62	700°F	5.72	5.52	5.07
578-PTP8	F	Conical tip	.03	.62	800°F	5.72	5.52	5.07
578-PTR7	G	Narrow screwdriver	.06	.62	700°F	5.72	5.52	5.07
578-PTR8	G	Narrow screwdriver	.06	.62	800°F	5.72	5.52	5.07
578-PTS7	E	Long conical tip	.01	1.00	700°F	5.72	5.52	5.07
578-PTS8	E	Long conical tip	.01	1.00	800°F	5.72	5.52	5.07

EC1002 AND EC2002 SOLDERING STATIONS AND TIPS

Features:

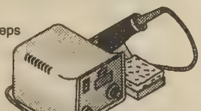
- Electrostatic dissipative
- Stand may be positioned left or right of unit, or remotely
- Stand has water reservoir and tip storage
- Made in USA



EC1002

Specifications:

- Temperature range: 350°F to 850°F
- Readout: EC1002 - dial calibrated in 10°F steps; EC2002 - LED readout in 1°F steps
- Weight: 3 3/4 lbs.



EC2002

EC1002 and EC2002 Stations with 40W or 20W Irons

MOUSER STOCK NO.	Station	Iron Included	Tip Included	Price Each
578-EC10021	EC1002	EC1201A (40W)	ETA	248.15
578-EC10022	EC1002	EC1302A (20W)	EPH101	248.15
578-EC20021	EC2002	EC1201A (40W)	ETA	339.72
578-EC20022	EC2002	EC1302A (20W)	EPH101	339.72

MEETS MIL SPECS

MIL-B18705

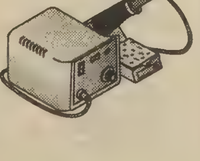
WES50 ELECTRONICALLY CONTROLLED SOLDERING STATION

Features:

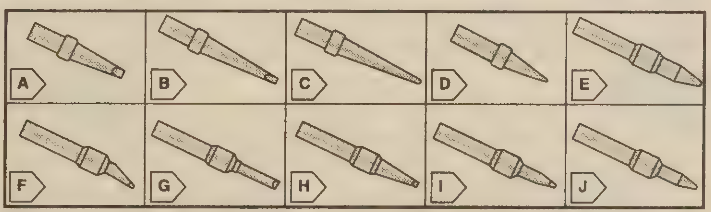
- Quick heat up and recovery
- Temperature lockout
- 50W of power, ESD safe

Specifications:

- Temperature range: 350°F - 850° F
- Temperature stability: ±10°F
- Power consumption: 60W



MOUSER STOCK NO.	Description	Price Each
578-WES50	WES 50 station / PES 50W iron / ETA tip	114.29



ET Series Tips for EC1201A and PES50 Irons

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Size (In.)	Reach (In.)	Price Each		
					1	10	20
578-ETA	A	Screwdriver tip	.06	.62	5.39	5.21	4.77
578-ETB	A	Screwdriver tip	.09	.62	5.39	5.21	4.77
578-ETC	A	Screwdriver tip	.12	.62	5.39	5.21	4.77
578-ETD	A	Screwdriver tip	.18	.75	5.39	5.21	4.77
578-ETH	A	Screwdriver tip	.03	.62	5.39	5.21	4.77
578-ETK	B	Long screwdriver	.04	1.00	5.39	5.21	4.77
578-ETO	C	Long conical tip	.03	1.00	5.39	5.21	4.77
578-ETS	C	Long conical tip	.01	1.00	5.39	5.21	4.77
578-ETP	D	Conical tip	.03	.62	5.39	5.21	4.77
578-ETR	B	Narrow screwdriver	.06	.62	5.39	5.21	4.77

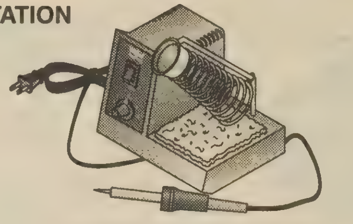
EPH Series Tips for EC1302A (20W) Iron

For quantities greater than listed, call for quote.

578-EPH101	E	Micropoint tip	.01	.43	5.66	5.47	5.01
578-EPH102	F	Bent conical tip	.03	.43	5.66	5.47	5.01
578-EPH106	G	Screwdriver tip	.06	.43	5.66	5.47	5.01
578-EPH107	H	Chisel tip	.07	.43	5.66	5.47	5.01
578-EPH109	I	Conical tip	.03	.43	5.66	5.47	5.01
578-EPH110	J	Conical tip	.06	.43	5.66	5.47	5.01

Weller® Soldering Stations, Tools, and Guns

ECONOMICAL SOLDERING STATION



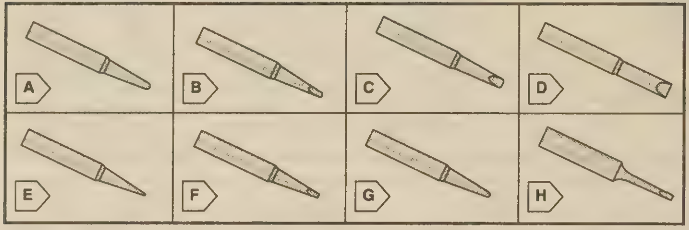
Features:

- On/off switch w/"power-on" indicator light
- Variable power control produces 5-40W
- Quality lightweight pencil iron
- Natural sponge tip cleaning pad
- ST3 iron plated copper tip
- UL listed

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
578-WLC100	On/off switch, variable power control, lightweight pencil iron, and ST3 iron plated copper tip	48.29

ST SERIES TIPS FOR WLC100 IRON

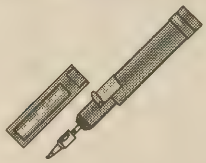


For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Size (In.)	Reach (In.)	Price Each 1	10	20
578-ST-1	A	Screwdriver tip	.06	.75	5.06	4.64	4.48
578-ST-2	B	Screwdriver tip	.09	.75	5.06	4.64	4.48
578-ST-3	C	Screwdriver tip	.12	.75	5.06	4.64	4.48
578-ST-4	D	Screwdriver tip	.18	.75	5.06	4.64	4.48
578-ST-5	E	Single flat tip	.03	.75	5.06	4.64	4.48
578-ST-6	F	Screwdriver tip	.03	.75	5.06	4.64	4.48
578-ST-7	G	Conical tip	.03	.75	5.06	4.64	4.48
578-ST-8	H	Narrow SD tip	.06	.75	5.06	4.64	4.48

PORTASOL® CORDLESS SOLDERING TOOLS

A



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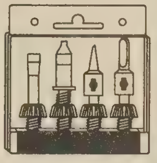


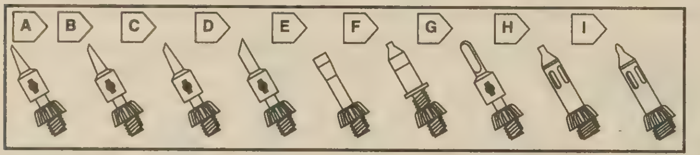
Portasol® Soldering Iron

MOUSER STOCK NO.	Fig.	Description	Price Each 1	5
578-P1B	A	Adjustable temperature control Portasol iron	29.76	28.77

Portasol® Soldering Iron Tip Accessory Kit

MOUSER STOCK NO.	Fig.	Kit Includes:	Price Each 1	5
578-TB10	B	T1, T5, T6, and T7 in a durable case	35.84	34.64

PORTASOL® TIPS



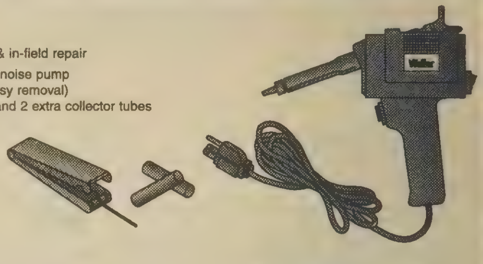
- Temperature range: T-1 to T-4 tips up to 850°F (450°C), T-5 blow torch up to 2372°F (1300°C), T-6 hot blower and T-7 hot knife up to 850°F (450°C)

MOUSER STOCK NO.	Fig.	Description	Price Each 1	5	10
P-1 Portasol Tips					
578-T1	A	1/32" fine point tip	9.23	8.92	8.18
578-T2	B	3/32" spade tip	9.23	8.92	8.18
578-T3	C	1/8" spade tip	9.23	8.92	8.18
578-T4	D	3/16" spade tip	9.23	8.92	8.18
578-T5	E	Blow torch tip	9.23	8.92	8.18
578-T6	F	Hot blower tip	9.23	8.92	8.18
578-T7	G	Hot knife tip	9.23	8.92	8.18
CIC Portasol Tips					
578-C2	H	1/8" chisel tip	8.16	7.89	7.24
578-C3	I	1/8" fine tip	8.16	7.89	7.24

SELF-CONTAINED DESOLDERING GUN AND TIPLETS

Features:

- Ideal for light-duty production & in-field repair
- Portable desoldering, very low noise pump
- Disposable solder collector (easy removal)
- Includes: tiplet clean-out tool and 2 extra collector tubes
- Heats up to over 800°



Desoldering Gun

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each 1	6
578-SCD100	Desoldering gun with self-contained vacuum pump	202.50	195.75

Accesories

For quantities greater than listed, call for quote.

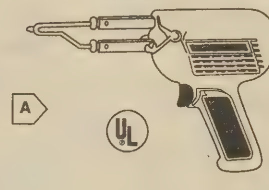
MOUSER STOCK NO.	Description	Price Each 1	10
578-SCD201	Disposable tubes	8.99	8.69
578-SCD112	.9mm tiplet	16.56	16.01
578-SCD113	1.2mm tiplet	16.56	16.01
578-SCD114	1.8mm tiplet	16.56	16.01

SOLDERING GUNS

Features:

- 120V 60Hz AC only
- 2-wire cord

A



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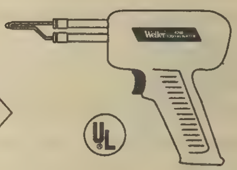

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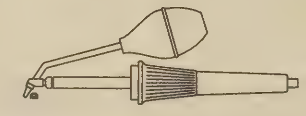

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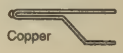

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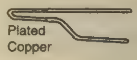


Model D550 260/200 Watts

- High output
- Pistol-grip design
- Twin lights illuminate work
- Heavy gauge, high-efficiency copper tip

MOUSER STOCK NO.	Fig.	Description	Price Each 1	6
578-D550	A	Trigger selection of heats	46.37	44.82

Model 8200 100/140 Watts

- High efficiency soldering tip of pure pre-tinned copper
- Pistol-grip design
- "Soldering Tips" booklet included

MOUSER STOCK NO.	Fig.	Description	Price Each 1	6
578-8200	B	Finger tip selection of high or low output	34.14	32.99

DS40 Desoldering / Repair Tool

- Valuable repair tool for servicing printed circuit boards and solid state electronics
- Allows components to be removed and replaced quickly with less chance of heat damage
- Complete unit includes 50w tool, vacuum bulb, desoldering assembly with DST4 tiplet

MOUSER STOCK NO.	Fig.	Description	Price Each 1	6
578-DS40	C	Desoldering / repair tool	84.44	81.62

Replacement Tips

- Tip material: tin plated copper

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	For Model #	Package Contains	Price Each 1	6	12
578-7135	D	8200/9200K	2 tips	3.99	3.86	3.54
578-7250	D	D550	2 tips	3.99	3.86	3.54
578-8125	E	8200	2 tips	3.99	3.86	3.54

Replacement Housing Sets

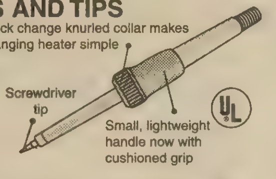
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
578-8200RH	For 578-8200 soldering gun	11.00

Weller® Soldering Irons and Accessories

WP25 AND WP35 SOLDERING IRONS AND TIPS

WP25 and WP35 Soldering Irons


Quick change knurled collar makes changing heater simple
Screwdriver tip
Small, lightweight handle now with cushioned grip
UL

For quantities greater than listed, call for quote.

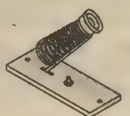
MOUSER STOCK NO.	Description	Price Each	
		1	6
578-WP25	25W iron with ST-3 tip	32.94	31.84
578-WP35	35W iron with ST-3 tip	41.46	40.08

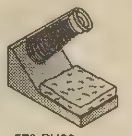
Soldering Tool Stands

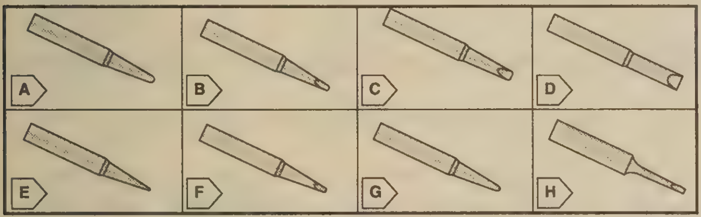
578-PH25	For WP25/WP40 iron	16.62	16.07
578-PH60	For WP35 iron	19.98	19.31

Replacement Heaters Includes knurled collar

578-HE25	25W for WP25 iron	17.16	16.59
578-HE35	35W for WP35 iron	21.29	20.58


578-PH25


578-PH60

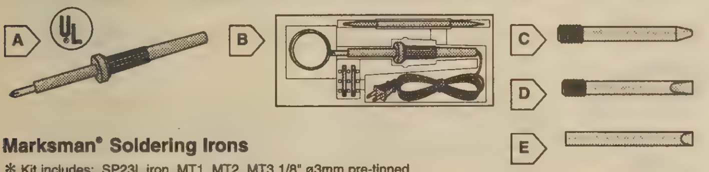


ST Series Tips For WP25P and WP35P Irons

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Size (In.)	Reach (In.)	Price Each		
					1	10	20
578-ST-1	A	Screwdriver tip	.06	.75	5.06	4.64	4.48
578-ST-2	B	Screwdriver tip	.09	.75	5.06	4.64	4.48
578-ST-3	C	Screwdriver tip	.12	.75	5.06	4.64	4.48
578-ST-4	D	Screwdriver tip	.18	.75	5.06	4.64	4.48
578-ST-5	E	Single flat tip	.03	.75	5.06	4.64	4.48
578-ST-6	F	Screwdriver tip	.03	.75	5.06	4.64	4.48
578-ST-7	G	Conical tip	.03	.75	5.06	4.64	4.48
578-ST-8	H	Narrow SD tip	.06	.75	5.06	4.64	4.48

MARKSMAN® SOLDERING IRONS AND TIPS



Marksman® Soldering Irons

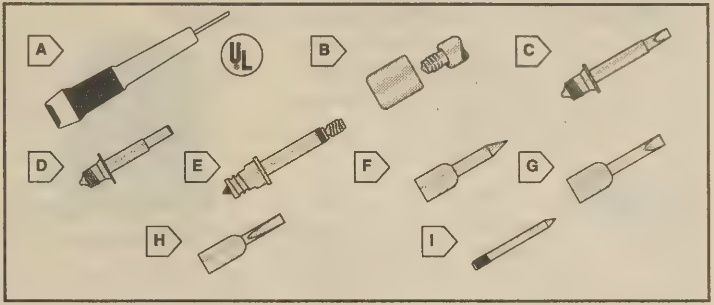
✻ Kit includes: SP23L iron, MT1, MT2, MT3 1/8" ø3mm pre-tinned tips of nickel-plated copper, lead free solder, and soldering aid tool

MOUSER STOCK NO.	Fig.	Description	Price Each
578-SP23L	A	25W iron with .125" pencil tip	12.30
578-SP40L	A	40W iron with .250" chisel tip	16.43
✻ 578-SP23LK	B	General duty soldering kit	17.19

MT Series Tips For Marksman® Irons

MOUSER STOCK NO.	Fig.	Description	Price (2 Per Pkg)		
			1	6	12
578-MT-1	C	SP23 .125" cone tip	3.63	3.51	3.22
578-MT-2	D	SP23 .125" screwdriver tip	3.63	3.51	3.22
578-MT-10	E	SP40 .25" chisel tip	6.63	6.41	5.88

SOLDERING TOOLS



Standard Line Handles

Provides choice of handles and a selection of interchangeable heating elements and tips for combinations to match particular soldering requirements.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
578-7760	A	Red; 6', 2-wire cord with cool, soft	13.04	12.60
578-7770	A	Blue; touch acid and flux resistant grips	13.04	12.60

Adapter (Fits 1/4" Thread-On Heating Elements)

For quantities greater than listed call for quote.

578-100	B	Adapts to 1/8" thread-in tiplets and nibs	2.75	- - -

Heating Elements and Tips for Standard Line Handles

Chisel tip, long taper

MOUSER STOCK NO.	Fig.	Rated		Tip Temp.	Description	Price Each	
		(W)	(V)			1	10
578-4033-S	C	45	120	100	Tellurium copper, iron clad, silver pltd.	26.99	26.09

Interchangeable 1/8" thread-in heating elements for standard line handles

MOUSER STOCK NO.	Fig.	Rated		Tip Temp.	Description	Price Each	
		(W)	(V)			1	10
578-535-S	D	23	120	700	Heaters for 1/8" thread-in tips	17.96	17.36
578-1235-S	D	33	120	800	Heaters for 1/8" thread-in tips	19.31	18.66
578-4035-S	D	45	120	900	Heaters for 1/8" thread-in tips	21.71	20.98

Interchangeable 1/4" thread-on heating elements for standard line handles

MOUSER STOCK NO.	Fig.	Rated		Tip Temp.	Description	Price Each	
		(W)	(V)			1	10
578-537-S	E	23	120	700	Heaters for 1/4" thread-on tips	17.19	16.62
578-1237-S	E	33	120	800	Heaters for 1/4" thread-on tips	17.45	16.86
578-4037-S	E	45	120	900	Heaters for 1/4" thread-on tips	21.15	20.45

1/4" Thread-On Tips

For use on thread-on heating elements with standard line handles and soldering system UTC-100 (copper alloy, iron clad, silver plated)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
578-PL-111	F	Pencil; 3/4" long, 1/8" dia.	4.58	4.42
578-PL-113	G	Chisel; 3/4" long, 1/8" dia.	4.58	4.42
578-PL-151	H	Screwdriver; 3/4" long, 1/8" dia.	4.65	4.50

1/8" Thread-In Tips

For use with the 1/8" standard line thread-in heating elements and fits 1/4" by using adapter no. 578-100 (Fig. B)

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	10
578-PL-331	I	Pencil 1" (L) x 1/8" (D)	3.96	3.83

REPLACEMENT SPONGE

For all soldering stations and 578-PH60 stand

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	10
578-EC205	1.59	1.54

SOLDERING AIDS

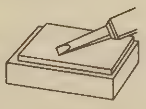
Kleen-Tip

Sponge and tray

MOUSER STOCK NO.	Price Each	
	1	10
578-400	7.68	7.42

Replacement Sponge

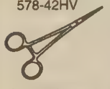
578-455	2.99	2.89



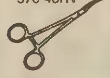
A specially processed sponge for cleaning tips of oxidation and prevents contamination.

Xcelite® SEIZER CLAMPS

Straight Nose 578-42HV



Curved Nose 578-43HV



Seizers are 6", have 3-position snap lock, serrated jaws, & box-joint construction. Precision machined from perfectly tempered stainless steel.

MOUSER STOCK NO.	Price Each	
	1	6
578-42HV	6.21	6.00
578-43HV	6.21	6.00

SOLDERING LUBRICANT

- Special lubricant for tip threads at high temperatures
- Reduces tip thread seizure

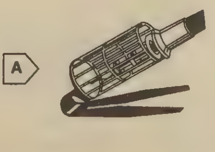
Anti-Seize

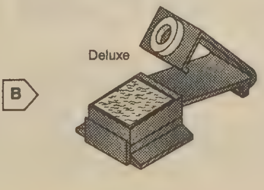
MOUSER STOCK NO.	Size	Price Each	
		1	10
524-10-1230	1oz. tube	4.16	3.98

SOLDERING TOOL STANDS

578-8000 Features:
- Attaches easily to work bench
- Protects operator from burns
- Prevents iron breakage

578-8800 Features:
- Holder w/ non-charrin ceramic mouth-piece & heavy non-skid tray





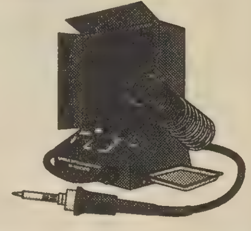
MOUSER STOCK NO.	Fig.	Price Each	
		1	10
578-8000	A	15.05	14.54
578-8800	B	30.59	29.57

WAHL® ELECTRONICS Soldering Tools and Accessories

SOLMAX 7485 TEMPERATURE CONTROLLED SOLDERING STATION WITH FUME EXTRACTOR

Increase productivity and improve the work environment by removing noxious fumes. Reduces the chances of headaches, nausea and eye irritations that are often associated with the exposure to solder fumes.

- Electronic temperature control, continuously adjustable. (500-800°F)
- Fast heat up and instant heat recovery.
- Built in high efficiency, low noise, brushless mini fan.

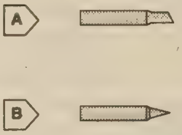


MOUSER STOCK NO.	Description	Price Each
557-7485	SOLMAX 7485	99.95
557-97906	Filter Pack of 3	16.50

ISO-TIP TIPS FOR MICROSOLDERING STATIONS

With these replacement tips, you can meet most production needs in miniature soldering applications. Simply pull the old (cooled) tip off and slide a new one on. Contact a customer service representative for additional tips.

- Nickel plated copper
- Solid nickel, gold end
- Easy installation



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	For Use With	Type	Size (In.)	Price Each	
					1	5
557-7253	A	557-7475	Spade	3/32	6.50	6.18
557-7256	B	557-7475	Cone	1/25	6.50	6.18
557-97901	B	557-7485	Cone	1/32	7.25	6.89
557-97902	A	557-7485	Spade	1/32	7.25	6.89
557-97905	A	557-7485	Spade	1/8	7.25	6.89

ISO-TIP SOLDER-PRO SERIES BUTANE POWERED SOLDERING IRONS

NEW!

- Complete portability
- Convenient refills
- Multi-tool versatility

Solder-Pro 50 No. 7971 Features:

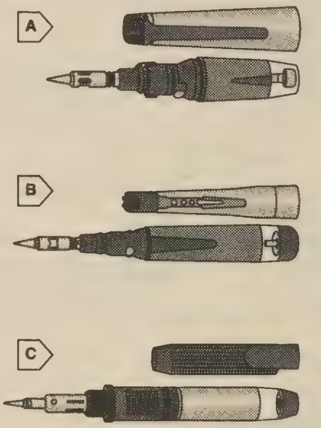
- Cap with igniter
- Up to 30 minute run time
- Soldering temperatures: 410°F-750°F

Solder-Pro 70 No. 7974 Features:

- Cap with igniter
- Up to 120 minute run time
- Soldering temperatures: 410°F-850°F

Solder-Pro 120 No. 7977 Features:

- Automatic ignition
- Up to 200 minute run time
- Soldering temperatures: 410°F-1000°F
- Torch temperature: 2400°F



MOUSER STOCK NO.	Fig.	Price Each
557-7971	A	19.95
557-7974	B	27.95
557-7977	C	59.95

ISO-TIP TIPS FOR SOLDER-PRO SERIES

NEW!

Tips for Solder-Pro 50 and 70 Series

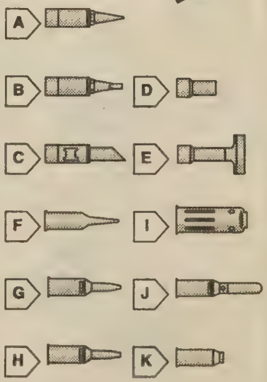
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
557-7992	A	1mm conical tip	9.95	9.52
557-7992-001	B	2mm chisel tip	9.95	9.52
557-7992-002	C	Hot knife tip	9.95	9.52
557-7992-003	D	Torch tip	9.95	9.52
557-7992-004	E	Heat blower & deflector	9.95	9.52

Tips for Solder-Pro 120 Series

For quantities greater than listed, call for quote.

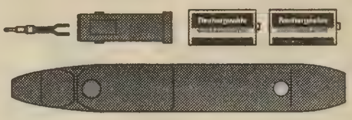
MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
557-7992-005	F	1.6mm conical tip	9.95	9.52
557-7992-006	G	2.4mm conical tip	9.95	9.52
557-7992-007	H	3.2mm chisel tip	9.95	9.52
557-7992-008	I	Torch tip	9.95	9.52
557-7992-009	J	Hot knife tip	9.95	9.52
557-7992-101	K	Heat blower	9.95	9.52



ISO-TIP 7670 "EZ" CHANGE" CORDLESS SOLDERING IRON

The versatile EZ Change cordless soldering iron gives you extended soldering times (with a spare set of batteries); up to 125 electronics joints per charge. Includes industrial quality EZ charge iron, #7545 fine tip, (2) 400mAh (size C) rechargeable nickel cadmium batteries, tip protector, and instructions. (Optional battery charger sold separately.)

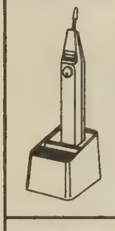
NEW!



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	5
557-7670	26.95	26.03

ISO-TIP 7904 "POWER PRO" CORDLESS SOLDERING IRON



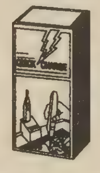
High capacity cordless soldering iron using high efficiency tips, provides up to 30 minutes of continuous soldering time from a fully charged iron or intermittently over 200 solder joints.

- Complete recharge in 4 hours
- LED in recharge stand to indicate charging status
- Tip performance up to 900°F
- Easily replaceable battery and worklight

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	5
557-7904	61.95	58.85

ISO-TIP 7700 CORDLESS SOLDERING IRON

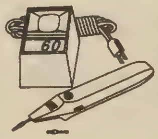


Recharges completely in 3 to 4 1/2 hours. A partially discharged battery returns to full capacity in 1 to 2 hours. Nickel cadmium battery withstands high-rate charging with out damage. Fully charged unit can make up to 125 electronic joints per charge. Cordless soldering iron, recharging stand with wall plug transformer, #7545 tip, #7546 tip, and instructions.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	5
557-7700	46.95	44.60

ISO-TIP 7800 ISO TIP "60" CORDLESS SOLDERING IRON



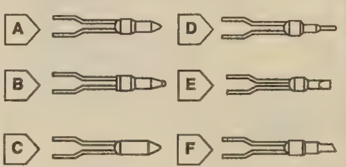
Fastest charging cordless soldering iron on the market. Solders up to 125 electronic joints per charge. Recharges fully in 1 hour. Cordless soldering iron, recharging stand with wall plug transformer, #7577 tip, #7545 tip, and instructions.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each	
	1	5
557-7800	61.95	58.85

ISO-TIP WAHL HI-EFFICIENCY ISO-TIP SOLDERING TIPS

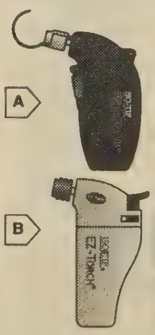
- All ISO-TIP replacement tips fit all ISO-TIP cordless irons
- Isolated tip, ground free, low voltage design eliminates electrical leaks and damage
- Intermittently 200 plus joints per charge
- Unique snap-in design
- Requires less power to heat tip
- Heats tip faster, approximately 5 seconds
- Longer soldering time per full battery charge, up to 30 minutes



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
557-7535-100	A	Regular tip	4.75	4.51
557-7545-100	B	Fine tip	4.75	4.51
557-7546-100	C	Heavy duty tip	4.75	4.51
557-7566-100	D	Micro tip	4.75	4.51
557-7577-100	E	Chisel tip	4.75	4.51
557-7579-100	F	Beveled tip	4.75	4.51

ISO-TIP PORTABLE HEAT GUN AND MINI TORCH



MicroTherm Heat Gun

- Portable and flameless heat
- Electronic ignition
- Temperatures up to 1200°F (650°C)
- For heat shrink tubing, activating adhesives and plotting compounds.

EZ-Torch Portable Mini Torch

- Electronic ignition
- Runs approximately 20 minutes of continuous flame per cartridge
- Maximum temperature range: 1300°F~2375°F

MOUSER STOCK NO.	Fig.	Description	Price Each			
			1	5	10	25
557-7975	A	Micro Therm Heat Gun	27.95	26.55	- - -	- - -
557-7978	B	EZ-Torch Mini Torch	19.95	18.95	- - -	- - -
557-7978-300	-	Reusable butane refill - 2 pk.	2.49	2.29	2.17	2.06

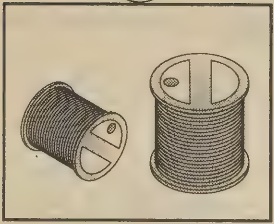
KESTER

Solder Products

WIRE SOLDER

Product Use: Soldering flux in cored solder for electrical or electronic applications.

NEW THIS ISSUE



"44" Rosin, Activated Rosin Core Solder

"44" Rosin is a general purpose industrial and electrical wire solder. The flux residue is non-conductive and non-corrosive. Flux by weight: 3.3%

MOUSER STOCK NO.	Alloy	Dia. (In.)	Weight (lbs.)	Price Each		
				1	10	25
533-23-6337-07	63/37	0.015	1/2	14.44	13.00	11.55
533-24-6337-07	63/37	0.015	1	25.40	22.86	20.32
533-24-6337-0010	63/37	0.02	1	19.80	17.82	15.84
533-23-6337-18	63/37	0.025	1/2	8.50	7.65	6.80
533-24-6337-18	63/37	0.025	1	14.80	13.32	11.84
533-23-6337-27	63/37	0.031	1/2	7.80	7.02	6.24
533-24-6337-27	63/37	0.031	1	13.40	12.06	10.72
533-24-6337-39	63/37	0.04	1	12.40	11.16	9.92
533-24-6337-53	63/37	0.05	1	11.60	10.44	9.28
533-24-6337-61	63/37	0.062	1	11.20	10.08	8.96
533-24-6040-0010	60/40	0.02	1	19.60	17.64	15.68
533-23-6040-18	60/40	0.025	1/2	7.40	6.66	5.92
533-24-6040-18	60/40	0.025	1	14.60	13.14	11.68
533-23-6040-27	60/40	0.031	1/2	7.10	6.39	5.68
533-24-6040-27	60/40	0.031	1	10.80	9.72	8.64
533-24-6040-39	60/40	0.04	1	12.20	10.98	9.76
533-24-6040-53	60/40	0.05	1	11.40	10.26	9.12
533-24-6040-61	60/40	0.062	1	11.00	9.90	8.80
533-24-6040-66	60/40	0.093	1	10.70	9.63	8.56
533-24-7150-18	62/36/2	0.025	1	26.80	24.12	21.44
533-24-7150-53	62/36/2	0.05	1	25.06	22.55	20.05
533-25-6040-0027	60/40	0.031	4	49.68	39.33	35.19
533-26-6040-0061	60/40	0.062	5	53.57	42.41	37.52

"285" Rosin, Mildly Activated Rosin Core Solder

Conforms to type RMA of FED SPEC QQ-SS-571 and is on the qualified products list. High mobility and fast spreading action is comparable to RA fluxes. It is less corrosive and conductive than "44" rosin and is commonly used without subsequent flux removal.

MOUSER STOCK NO.	Alloy	Core Size	Flux by Weight	Dia. (In.)	Weight (lbs.)	Price Each		
						1	10	25
533-24-6337-9703	63/37	66	3.30%	0.015	1	25.40	22.86	20.32
533-24-6337-9700	63/37	58	2.20%	0.02	1	17.98	16.18	14.56
533-24-6337-9702	63/37	66	3.30%	0.05	1	19.80	17.82	15.84
533-24-6337-9718	63/37	66	3.30%	0.025	1	14.80	13.32	11.84
533-24-6337-9713	63/37	58	2.20%	0.031	1	13.40	12.06	10.72
533-24-6337-9710	63/37	66	3.30%	0.031	1	13.40	12.06	10.72

"331" Water Soluble Core Solder

It is more effective and heat stable than rosin fluxes in soldering difficult metals. Soldering with "331" should always be followed with a water wash to remove the residues which are conductive and can absorb moisture. Flux by weight: 3.3%

MOUSER STOCK NO.	Alloy	Dia. (In.)	Weight (lbs.)	Price Each		
				1	10	25
533-24-6337-6422	63/37	0.015	1	25.40	22.86	20.32
533-24-6337-6401	63/37	0.02	1	19.80	17.82	15.84
533-24-6337-6417	63/37	0.025	1	14.80	13.32	11.84
533-24-6337-6403	63/37	0.031	1	13.40	12.06	10.72
533-24-6337-6411	63/37	0.062	1	11.20	10.08	8.96
533-24-6040-6403	60/40	0.031	1	11.50	10.35	9.20
533-24-6040-6411	60/40	0.062	1	11.10	9.99	8.88

"245" No-Clean Core Solder

A mild, low residue core solder for electronic assembly. The residues from "245" are designed to be left on with no post soldering cleaning.

MOUSER STOCK NO.	Alloy	Core Size	Flux by Weight	Dia. (In.)	Weight (lbs.)	Price Each		
						1	10	25
533-23-6337-8806	63/37	50	1.10%	0.015	1/2	14.46	13.01	11.57
533-24-6337-8806	63/37	50	1.10%	0.015	1	25.40	22.86	20.32
533-23-6337-8807	63/37	50	1.10%	0.02	1/2	13.10	11.79	10.48
533-24-6337-8807	63/37	50	1.10%	0.02	1	19.80	17.82	15.84
533-24-6337-8834	63/37	58	2.20%	0.02	1	19.80	17.82	15.84
533-24-6337-8809	63/37	50	1.10%	0.025	1	14.80	13.32	11.84
533-24-6337-8800	63/37	50	1.10%	0.031	1	13.40	12.06	10.72
533-24-6337-8801	63/37	58	2.20%	0.031	1	13.40	12.06	10.72
533-24-6337-8802	63/37	66	3.30%	0.031	1	13.40	12.06	10.72
533-24-6040-8800	60/40	50	1.10%	0.031	1	14.14	12.02	11.31
533-24-7150-8800	62/36/2	50	1.10%	0.031	1	19.76	16.80	15.81
533-24-6337-8813	63/37	50	1.10%	0.04	1	12.40	11.16	9.92
533-24-6337-8814	63/37	50	1.10%	0.05	1	11.60	10.44	9.28
533-24-6337-8817	63/37	50	1.10%	0.062	1	11.20	10.08	8.96

FLUXES

Liquid Flux

NEW THIS ISSUE

Developed to reduce bottom side micro-solder balling and survive SMT dual wave soldering systems. May be applied by spray or wave. Size: 1 gallon

MOUSER STOCK NO.	Description	Price Each		
		1	6	12
533-63-0000-0977	977 VOC-Free No-Clean	36.34	30.89	29.07

Paste Flux

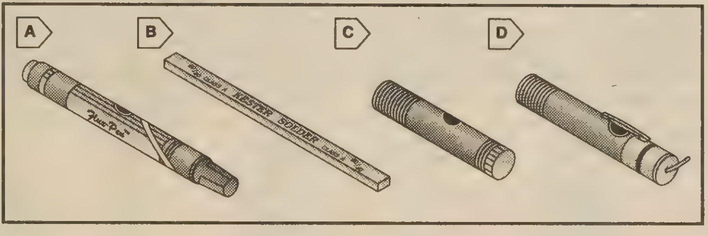
SP 30 Paste Flux: A standard all purpose flux for general metal repair soldering. Used when liquid fluxes may be hazardous or inconvenient. High activity, stability, and heat resistance provides for rapid soldering. Not for use in electrical/electronic applications.

SP 40 Paste Flux: A highly active, non-corrosive flux with excellent wetting action designed specifically for electrical/electronic applications. It permits soldering of even difficult metals such as brass or nickel. Non-corrosive and electrically non-conductive.

NEW THIS ISSUE

MOUSER STOCK NO.	Description	Price Each		
		1	6	12
533-83-0000-0001	SP-30, 2 oz.	.99	.84	.79
533-83-0000-0144	SP-40, 2 oz.	1.08	.97	.86

FLUXES, SOLDER, AND KITS



Flux-Pen™

For rework and touch-up soldering. The chisel point allows work in confined spaces. Spring valve prevents the flux inside of the pen from "drying out".

MOUSER STOCK NO.	Fig.	Description	Price Each	
			1	5
533-0186	A	#186 RMA flux	4.14	3.13
533-0951	A	#951 No clean	4.14	3.13
533-2331	A	2331-ZX Water soluble flux	4.14	3.13

Bar Solder

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
533-04-6040-0000	B	SN60PB40 E-Bar	6.00	5.40	4.80
533-04-6337-0000	B	SN63PB37 E-Bar	6.20	5.58	4.96
533-04-6337-0050	B	SN63PB37 Ultrapure	6.30	5.67	5.04

Kwik-Draw

Packaged conveniently for home or shop.

MOUSER STOCK NO.	Fig.	Description	Price Each
533-83-3000-0000	C	44 rosin, alloy: 60Sn/40Pb, ø.050"	1.88

Computer / Electronic Solder

NEW THIS ISSUE

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
533-83-0000-5055	- -	Computer solder, Sn60Pb40	2.52	2.27	2.02

Pocket Pak

For service and repair in home or shop.

MOUSER STOCK NO.	Fig.	Description	Price Each
533-83-4000-0000	D	44 rosin, alloy: 60Sn/40Pb, ø.031"	2.85
533-82-5000-0046	D	245 NCF, alloy: 63Sn/37Pb, ø.020"	1.30

Ultrapure Tip Tinner

Replenishes original iron tip coating while removing excess oxide.

MOUSER STOCK NO.	Fig.	Description	Price Each		
			1	10	25
533-83-4000-4010	- -	Lead free	4.50	3.83	3.60

Tool Kit Packs

For quantities greater than listed, call for quote.

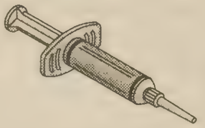
MOUSER STOCK NO.	Description	Alloy (Sn/Pb)	Dia. (In.)	Price Each		
				1	10	25
533-50551	Computer/electronic, .5 oz.	60/40	.050	1.51	1.36	1.21
533-04151	Electronic silver solder, .35 oz.	62/36/2 AG	.022	.64	.50	.46

Solder Products, Cleaners, and Defluxers

SOLDER-IT SILVER BEARING SOLDER PASTE

NEW IN 2001

- Works with a match, lighter, soldering iron or torch
- 5 times stronger than conventional solder
- Superior electrical conductivity
- Solders all metals



MOUSER STOCK NO.	Price Each	
	1	12
557-7459	4.95	4.22

FINE BRAID

TECH SPRAY
PRO WICK

No-Clean Features:

- 100% copper coated with pure water white rosin flux
- Meets MIL Spec MIL-F-142560D Type R, NASA, NHB5300.4, NPC200-4, SP5002

Pro-Wick Features:

- Pure copper fine braid design with pure white rosin flux
- Meets MIL Spec MIL-F-142560D Type R, NASA, NHB5300.4, NPC200-4, SP5002

MOUSER STOCK NO.	Color Code	Width (In.)	Price Each	
			1	10
No-Clean				
577-1814-5F	White	.030	2.38	2.14
577-1815-5F	Yellow	.060	2.38	2.14
577-1816-5F	Green	.085	2.44	2.20
577-1817-5F	Blue	.100	2.60	2.34
577-1818-5F	Brown	.145	3.18	2.86
577-1819-5F	Red	.210	3.40	3.06
Pro-Wick				
577-1801-5F	White	.030	1.92	1.73
577-1802-5F	Yellow	.060	1.92	1.73
577-1803-5F	Green	.085	1.96	1.76

MOUSER STOCK NO.	Color Code	Width (In.)	Price Each	
			1	10
Pro-Wick (cont.)				
577-1804-5F	Blue	.100	2.12	1.91
577-1805-5F	Brown	.145	2.58	2.32
577-1806-5F	Red	.210	2.76	2.48
Pro-Wick with Static Dissipative Bobbin				
577-1808-5F	White	.030	2.00	1.80
577-1809-5F	Yellow	.060	2.00	1.80
577-1810-5F	Green	.085	2.20	1.98
577-1811-5F	Blue	.100	2.42	2.18
577-1812-5F	Brown	.145	2.58	2.32
577-1813-5F	Red	.210	2.92	2.63

SODER-WICK ROSIN SD

"80 Series" Desoldering Fine-Braid w/Static Dissipative Bobbin

Flux coated, meets MIL-F-14256 E type "R" requirements.

MOUSER STOCK NO.	Color	Width (In.)	Application	Price Each		
				1	25	100
5878-80-1-5	White	.030	Micro circuits	2.33	2.10	1.89
5878-80-2-5	Yellow	.060	Small pads	2.33	2.10	1.89
5878-80-3-5	Green	.080	Medium pads	2.52	2.27	2.00
5878-80-4-5	Blue	.110	Large pads	2.71	2.44	1.91

SODER-WICK NO CLEAN SD

"60 Series" Desoldering Fine-Braid with Static Dissipative Bobbin

- Leaves no visible residue
- Eliminates cleaning
- 20% faster wicking than rosin coated braids

MOUSER STOCK NO.	Color	Width (In.)	Application	Price Each		
				1	25	100
5878-60-1-5	White	.030	Micro circuits	2.52	2.27	2.04
5878-60-2-5	Yellow	.060	Small pads	2.52	2.27	2.04
5878-60-3-5	Green	.080	Medium pads	2.60	2.34	2.11
5878-60-4-5	Blue	.110	Large pads	2.98	2.68	2.41

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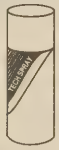

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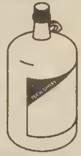

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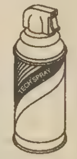

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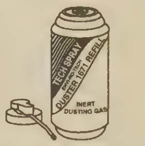

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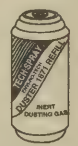


ECO-LINE™ CLEANERS AND DEFLUXERS

Unique blend of hydrocarbons offers new, viable alternatives to CFC cleaning without depleting the ozone. Excellent cleaning ability, rapid evaporation, **safe on plastic**, and is low cost.

Contact Cleaner

Contains a hexane mixture. Ideal for switches, relays, contact pads, and other places of electrical connections.

- Ozone depleting factor: 0
- Rapid evaporation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1622-10S	A	10 oz. aerosol	8.80

Flux Remover

Dissolves type R, RMA, RA, SA, and most no-clean fluxes.

- Ozone depleting factor: 0
- Rapid evaporation
- Safe on most plastics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1621-10S	A	10 oz. aerosol	9.38

Cleaner Degreaser

A blend of isopropanol and ethanol. Designed for cleaning electronic and electrical equipment, machinery and metal parts.

- Ozone depleting factor: 0
- Rapid evaporation
- Safe on most plastics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1620-10S	A	10 oz. aerosol	9.20

Tape Head Cleaner

Formulated to remove harmful contaminant's from magnetic and optic read/write heads.

- Ozone depleting factor: 0
- Rapid evaporation
- Safe on most plastics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1624-10S	A	10 oz. aerosol	8.72

ENVI-RO-TECH™ CLEANERS AND DEFLUXERS

Great for vapor-decreasing, ultrasonic cleaning, and bench-top applications. **Non-flammable**, with excellent cleaning ability, rapid evaporation, and moderate cost. EPA regulations restrict the sale of these cleaners containing HCFC's to commercial users who can provide proof of their commercial status. No CFC's, no 1.1.1 - Trichlorethane.

Heavy-Duty Cleaner

Penetrates and dissolves non-polar soils.

- Non-flammable
- Ozone depleting factor: .11
- Rapid evaporation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1675-12S	A	12 oz. aerosol	10.80
577-1675-22S	A	22 oz. aerosol	14.19

Universal Cleaner

Fast acting and highly effective cleaner containing a blend of HCFC's.

- Non-flammable
- Ozone depleting factor: .10
- Rapid evaporation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1677-12S	A	12 oz. aerosol	9.74
577-1677-22S	A	22 oz. aerosol	14.34

General-Duty Defluxer

For RA, RMA, and SA type fluxes. Can be used as an all purpose cleaner to remove light oils, silicone, and similar contaminants.

- Non-flammable
- Ozone depleting factor: .11
- Rapid evaporation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1676-12S	A	12 oz. aerosol	10.00
577-1676-G	B	1 gal. glass	75.40

Light-Duty Defluxer

Drying agent for water. Removes type R and water soluble fluxes.

- Non-flammable
- Ozone depleting factor: .08
- Rapid evaporation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1678-12S	A	12 oz. aerosol	9.84
577-1678-22S	A	22 oz. aerosol	14.48

Dusting Gas

Removes dust and other particles without harmful solvents. Zero ozone depletion.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1671-10S	C	10 oz. aerosol	5.97
577-1671-10SK	D	10 oz. aerosol and spray attachment	15.76
577-1671-10RS	E	10 oz. aerosol refill for 577-1671-10SK	6.30

AK225 CLEANERS AND DEFLUXERS

AK225 is a **drop-in replacement for CFC-113**. It has a cleaning ability that matches or surpasses CFC-113. It is **safe on plastics**, elastomers, and metals. AK225 is **non-flammable**, and has an evaporation rate nearly identical to CFC-113. AK225, with a 0.03 ozone depletion potential, is more than 25 times less harmful to the ozone layer than CFC-113. EPA regulations restrict the sale of these cleaners containing HCFC's to commercial users who can provide proof of their commercial status.

Asahiklin 225, Cleaner/Degreaser

- 100% HCFC-225
- Safe on most plastics
- Non-flammable
- Rapid evaporation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1663-8S	A	8 oz. aerosol	13.57
577-1663-18S	A	18 oz. aerosol	25.84

Flux Remover AMS

Mixture of AK225 and methanol. Superior flux removal for type R, RMA, RA, and synthetic fluxes.

- Non-flammable
- Ozone depleting factor: .03
- Rapid evaporation
- Safe on most plastics

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1665-8S	A	8 oz. aerosol	13.15
577-1665-18S	A	18 oz. aerosol	24.35

Blue Shower II, Degreaser/Defluxer

The standard for precision cleaning of polar and non-polar soils.

- Non-flammable
- Rapid evaporation
- Ozone depleting factor: .03
- Safe on most plastics

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1667-8S	A	8 oz. aerosol	12.19
577-1667-18S	A	18 oz. aerosol	23.07

Contact Cleaner II

The choice solvent for precision cleaning & degreasing of electrical contacts.

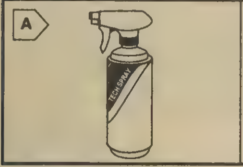
- Non-flammable
- Rapid evaporation
- Ozone depleting factor: .03

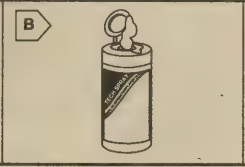
For quantities greater than listed, call for quote.

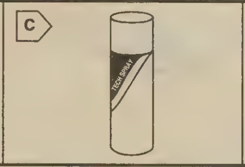
MOUSER STOCK NO.	Fig.	Size	Price Each
577-1668-8S	A	8 oz. aerosol	13.22
577-1668-18S	A	18 oz. aerosol	24.58

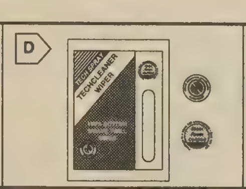
TECHSPRAY Cleaners, Static Control, Coatings, and Specialty Products

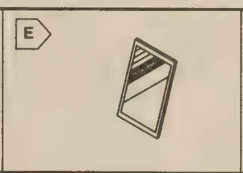
CLEANERS

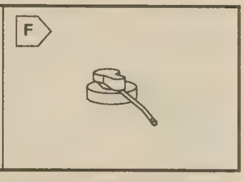












SMT Stencil Cleaner

Hydrocarbon-based, non-ozone depleting. Cleans most wet or dried thick film and solder paste compositions. SMT Wipes are manufactured with polyurethane materials, using a fiber-free configuration that will not leave wipe particles behind on stencils and other screening parts. Wipes are 9" x 9" and 1/16" thick.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1693PT	A	1 pt. trigger	13.66
577-1693DSP	B	48 pkg. wipes	13.36

Cleaner-Lubricant (Kleen-It)

No CFC's, contains HCFC's. Quickly penetrates and flushes away grease, dirt, oil, dust, and oxidized surface metals leaving a thin protective coating of silicone to lubricate and protect.

For quantities greater than listed, call for quote.

577-2410-12S	C	12 oz. aerosol	12.22

TECHCLEAN™ Wiper

- Sold in packages of 100 pieces
- Hydroentangled cellulose/polyester wipe

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Description	Price Each
577-2350	D	9" x 9"	15.04

TECHCLEAN™ Twillwipe

- Sold in packages of 100 pieces
- Hydroentangled cellulose/polyester wipe

For quantities greater than listed, call for quote.

577-2357	D	6" x 6"	16.00

TECHCLEAN™ Card

A one time use, pre-saturated card. Removes dirt, magnetic oxides, and other contaminants from credit card readers, ATM/POS terminals, and other magnetic or photo card reading apparatus.

For quantities greater than listed, call for quote.

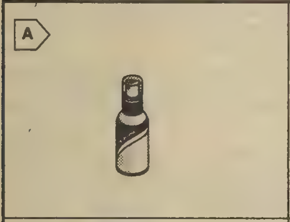
MOUSER STOCK NO.	Fig.	Description	Price Each
577-1603	E	1 card	1.18

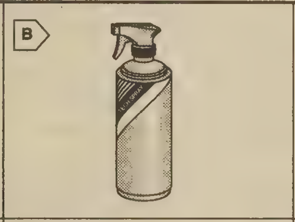
Multi-Directional Brush Attachment

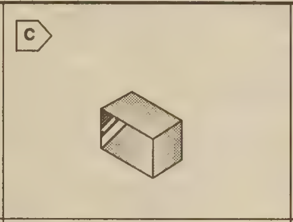
Reduces amount of solvent being used. Applications include board cleaning after rework and precision metal degreasing. Includes three brushes: Stiff brass, medium, and soft horse hair

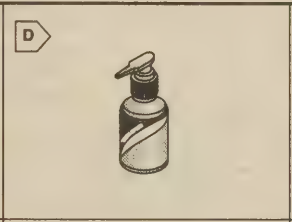
For quantities greater than listed, call for quote.

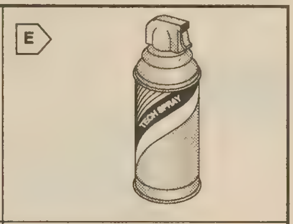
577-1991	F	Spot cleaning	17.25

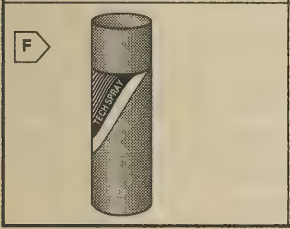


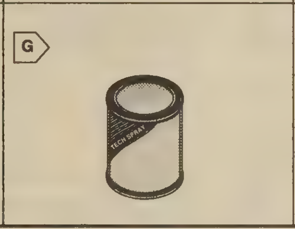


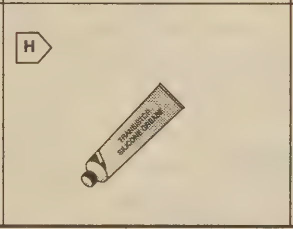


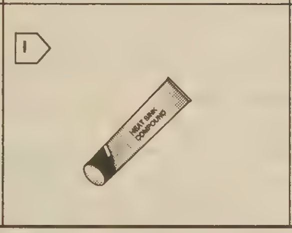


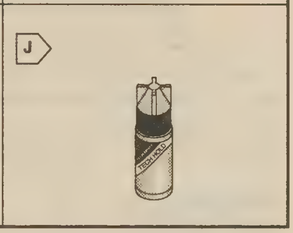












ETC. STATIC CONTROL FOAM CLEANERS

High foaming action cleans contaminant's from glass, plastic, and metal enclosures, without harmful abrasives while providing light static control.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1742-PT	B	1 pt. trigger	10.02

ZERO CHARGE™ STATIC CONTROL PRODUCTS

Mat and Table Top Cleaner

Removes insulating contaminant's such as flux residues, oils, greases, nicotine, dirt, and grime. Eliminates charge and prevents static charge build-up.

For quantities greater than listed, call for quote.

577-1733-2FP	A	2 oz. pump	5.80
577-1733-PT	B	1 pt. trigger	8.03

Screen and Keyboard Cleaner

Removes hand oils, ink marks, dust, fingerprints, nicotine, syrup, carbon, and other soils from work areas. Safe on most plastics.

For quantities greater than listed, call for quote.

577-1743-50PK	C	50 pkg. box	16.13

Hand Lotion

Formulated with aloe vera for a deep, penetrating, soothing action. Contains no silicone or lanolin. Non-greasy, non-sticky, odorless, and fast absorbing.

For quantities greater than listed, call for quote.

577-1702-8FP	D	8 oz. pump	4.91

ZERO CHARGE™ STATIC CONTROL PRODUCTS (cont.)

Anti-Stat

Eliminates static charge and reduces triboelectric generation from most surfaces. Recommended for applications that experience flexing and movement and for plastics such as polyethylene, polypropylene, and other similar surfaces.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-1726-PT	B	1 pt. trigger	9.14
577-1726-QT	B	1 qt. trigger	11.24

ENVI-RO-TECH™ ANTI-STATIC FREEZER

100% HFC's, no CFC's, no HCFC's

A rapidly evaporating HFC-134a product that contains an anti-static agent. Zero ozone depletion factor. Used as a trouble shooting aid in static sensitive areas for intermittently faulting capacitors, resistors, semiconductors, and other defective components. Also detects cold solder joints and oxidized junctions.

For quantities greater than listed, call for quote.

577-1747-10S	E	10 oz.	7.04

PROTECTIVE COATINGS

Fine-L-Kote™ SR

Flexibility allows for vibration, movement, and rapid changes in temperature. Offers chemical resistance and is recommended for harsh environments. Can be reworked by applying soldering iron, or complete removal by using the conformal coating remover (577-2120-P).

For quantities greater than listed, call for quote.

577-2102-12S	F	12 oz.	16.50

PROTECTIVE COATINGS (cont.)

Fine-L-Kote™ AR

Provides insulation against high voltage arcing and corona shorts. Product offers limited resistance to common alcohols, ketones, and esters.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Size	Price Each
577-2103-12S	F	12 oz.	13.95

Fine-L-Kote™ UR

Urethane conformal coating. Highly resistant to most solvents, moisture, and fungus. Can be reworked by applying soldering iron, or complete removal using conformal coating remover (577-2120-P).

For quantities greater than listed, call for quote.

577-2104-12S	F	12 oz.	15.20

Fine-L-Kote™ HT

A silicone resin, conformal coating exhibiting excellent adhesion properties. Fine-L-Kote™ HT coating offers complete versatility. Removal can be accomplished with conformal coating remover (577-2120-P).

For quantities greater than listed, call for quote.

577-2106-12S	F	12 oz.	14.82

CONFORMAL COATING REMOVER

Removes most conformal coatings, including: acrylic, epoxy, urethane, and some silicones. It can also be used to remove enamels, paints, varnishes, and lacquers. Quickly removes tar, adhesives, crayon, rubber, and carbon.

For quantities greater than listed, call for quote.

577-2120-P	G	1 pt. metal	19.42

ENVI-RO-TECH™ CIRCUIT CHILLER

100% HFC's, no CFC's, no HCFC's

A HFC-134a based, rapidly evaporating liquid that chills to minus 62°F. Zero ozone depletion factor. Used as a trouble shooting aid for intermittently faulting capacitors, resistors, semi-conductors, and other defective components. Also detects cold solder joints, cracks in PCB's, and oxidized junctions.

For quantities greater than listed, call for quote.

577-1672-10S	E	10 oz.	6.45

TRANSISTOR SILICONE GREASE

Used to coat the bases of power transistors as they are connected to heat sinks. Heat conductive grease will draw heat away from the transistor allowing it to run cooler.

For quantities greater than listed, call for quote.

577-1977	H	2 oz. tube	7.16

SILICONE FREE, HEAT SINK COMPOUND

A silicone-free compound applied under power transistors and other devices that generate heat to assist in transferring heat from generating objects to metal chassis for dissipation. Temperature range from -40°C to +200°C.

For quantities greater than listed, call for quote.

577-1978	I	4 oz. tube	17.42

TECH HOLD™ GENERAL PURPOSE ADHESIVE

Single component cyanoacrylate adhesive that exhibits high strength, fast bonding, and high impact holding. Having a medium viscosity, flows into small openings (up to .004 inches).

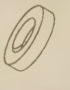
For quantities greater than listed, call for quote.

577-2503	J	3 gram	2.16

3M Tape, Fasteners, and Cleaners

SHIELDING AND GROUNDING TAPE

Scotch 1181 Copper Foil Shielding Tape



Shields against EMI/RFI radiation. Meets UL 510 requirements for flame retardancy.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	10
517-1181-1.0	1" x 18 yds	36.44	35.27
517-1181-1/2	1/2" x 18 yds	19.98	17.63

Embossed Copper Foil Shielding Tape

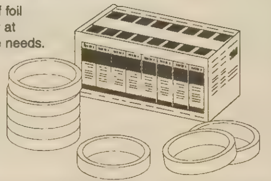
A cost efficient EMI protection system. Meets UL 510 requirements for flame retardancy.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	10
517-1245-1.0	1" x 18 yds	33.92	30.54
517-1245-1/2	1/2" x 18 yds	16.98	15.29

EMI Foil Shielding Tape Engineering Kit

A unique kit with a variety of foil shielding tapes conveniently at hand for design or prototype needs.



MOUSER STOCK NO.	Description	Price
517-FTK	Contains one 3/4"x4 yd roll of the following: aluminum foil, conductive tape copper foil, conductive tape copper foil, conductive tape adhesive both sides, tin-plated copper foil, conductive tape copper-plated, nonconductive tape copper foil smooth, nonconductive tape embossed, copper foil tape embossed, aluminum foil tape embossed, tin-plated copper foil tape	49.95

Scotch 13 Electrical Semiconducting Tape

30-mil thick tape that is compatible with cable semiconducting jackets. Provides shield continuation for splices and termination on shielded cable. Meets requirements of ASTM D-4388, Type IV.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	10
517-13	3/4" x 15'	7.61	7.37

INSULATING AND SPLICING TAPE

Scotch 70 Self-Fusing Silicone Rubber Electrical Tape

12-mil tape. High temperature, track-resistant tape composed of fully cured inorganic silicone rubber. Can be used as primary cable insulation or as a protective overwrap for termination high-voltage wires.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	10
517-70	1" x 30'	28.75	25.98

SCOTCH™ DOUBLE COATED FILM TAPE

With adhesive on both sides, double coated tapes have more body than adhesive transfer tapes, providing increased dimensional stability, easier handling and easier dispensing. A rugged polyester film paper carrier with high-tack adhesive that provides good initial adhesion on most surfaces.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-415	1" x 36 yds	13.29	10.56

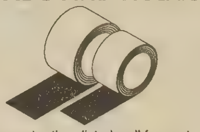
SCOTCH™ LINERLESS RUBBER SPLICING TAPE

130 tape is a highly conformable, linerless rubber (EPR), high-voltage insulating tape formulated to provide excellent thermal dissipation of splice heat. It is designed for use in splicing and terminating wires and cables. Meets the requirements of HHI-553C, grade A and B and ASTMD-4388, type III.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-130C-3/4	3/4" x 30'	8.76	7.89
517-130C-1.0	1" x 30'	10.96	9.83
517-130C-1.5	1.5" x 30'	16.59	14.94
517-130C-2.0	2" x 30'	21.79	19.62

SCOTCH™ MASTIC PADS AND ROLLS

Molds easily around difficult shapes and will insulate, moisture seal, and pad all connections up to 600V.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	10
Vinyl			
517-2200A	3 1/4" x 4 1/2" pad	2.24	2.03
517-2200B	6 1/2" x 4 1/2" pad	3.55	3.21
517-2210	4" x 10' roll	35.68	32.52
Rubber			
517-2228	2" x 10' roll	17.80	16.08

VINYL ELECTRICAL TAPE

Scotch 22 Heavy Duty Tape

10-mil thick tape offers abrasion resistance and mechanical protection for bus bar insulation. UL 510, ASTM D-2301 Type II and CSA 22.2.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	10
517-22	3/4" x 36 yds	7.82	7.29

Scotch Super 88 Tape

Premium-grade heavy-duty 8.5 mil, flame retardant, cold and weather-resistant tape with superior cold-weather handling features. Meets UL 510, MIL-1-24391, and CSA 22.2.

For quantities greater than listed, call for quote.

517-88	3/4" x 66'	4.38	3.96

Scotch Super 33+ Tape

Premium 7-mil, flame retardant, weather resist tape. Resists temperature and moisture for splicing. Meets requirements of UL 510, HHI-595, CSA 22.2.

For quantities greater than listed, call for quote.

517-33	3/4" x 66'	3.85	3.48

Scotch 35 Tape for Color Coding

Premium-grade 7-mil flame retardant, weather resistant tape. Other widths and lengths available upon request. Meets requirements of UL 510 and CSA. Note: Do not use on neoprene jacketed cable.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-35BL	3/4" x 66' blue	3.67	3.32
517-35GN	3/4" x 66' green	3.67	3.32
517-35WH	3/4" x 66' white	3.67	3.32
517-35YL	3/4" x 66' yellow	3.67	3.32
517-35RD	3/4" x 66' red	3.67	3.32
517-35GR	3/4" x 66' gray	3.67	3.32
517-35OR	3/4" x 66' orange	3.67	3.32
517-35V	3/4" x 66' violet	3.67	3.32
517-35BN	3/4" x 66' brown	3.67	3.32
517-35R	1/2" x 20' red	1.13	1.02

Highland Vinyl Plastic Tape

Flame retardant 7-mil tape used for holding, protecting and insulating. UL Listed for 80° C/176°F.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	10
517-Highland	3/4" x 66'	1.76	1.59

Temflex Tape

Economy-grade, 7-mil tape. UL Listed and CSA Certified for 176°F and 80°C.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Size	Price Each	
		1	10
517-1700	3/4" x 60'	.73	.62

CITRUS BASE CLEANERS

Remove oil, grease, tar, liquid adhesives, adhesive tape residue, dirt and scuff marks. Emulsifies when flushed with water. Contains no petroleuym distillantes, methylene, chloride, 1.1.1.-trichloroethane or chlorofluorocarbons. Solvent free formula cleans gently and safely. Non-corrosive, with fresh citrus scent.

MOUSER STOCK NO.	Description	Price
517-CIT-BASE-CLNR-24	24 oz Aerosol	12.94

ELECTROPLATING AND MASKING TAPE

Scotch™ Water Soluble Wave Solder Tape

5413 tape is designed to mask gold fingers areas of printed circuit boards during wave sidering and then dissove completely away during typical inline aqueous cleaning operations. When dissolved, the tape is biodegradable, non-toxic, pollution free and neutral in pH.

MOUSER STOCK NO.	Description	Price Each	
		1	10
517-5413-1/2	1/2" x 36 yds	24.92	21.39
517-5413-3/4	3/4" x 36 yds	38.90	33.39

Electrical Film Tape

A polyimide/silicone film tape. Use to provide low static wave solder. Temperature range is 73°C/-100°F to 260°C/500°

517-5419-1/2	1/2" x 36 yds	26.49	23.85

Glass Cloth Tape

7.4 mil tape. Printable glass cloth tape. Acrylic adhesive backing that is edge-tear resistant, conformable, and solvent resistant. For use as coil cover, anchor and as core, layer and crossover insulation.

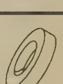
517-79	1/2" x 60 yds	11.30	10.17

Scotch™ Premium Plating Tape

A red polyester-backed tape with special extra-heavy adhesive that provides a superior straight stop-off-line for gold contacts on printed circuit boards. Undercutting and leakers are reduced. For machine and hand application. Temperature range is 8°C/40°F to 77°C/170°F.

517-1280-2.0	2" x 72 yds	31.47	25.00

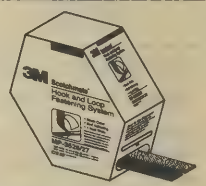
FOAM TAPE



Designed for general purpose mounting and joining; they offer one-piece removal. Their high degree of conformability makes them well suited for joining rough, mismatched surfaces and the opened-cell foam makes excellent water and air seals.

MOUSER STOCK NO.	Description	Price Per Reel	
		1	5
Urethane			
517-4008	1/8" thick 1" x 36 yds.	44.34	42.75
517-4016	1/16" thick 1" x 36 yds.	29.83	28.77
Vinyl			
517-4408	1/8" thick 1" x 36 yds.	68.90	64.59
517-4416	1/16" thick 1" x 36 yds.	53.81	50.45

HOOK AND LOOP FASTENERS



3M
Scotchmate
Hook and Loop Fastening System

Nylon hooks mesh with pliable loops for fast secure closure.

Scotchmate Self-Adhering

- 1" wide
- Black

By the Foot **Mini-Pack (4.9 Yards)**

MOUSER STOCK NO.	Price Per Foot		MOUSER STOCK NO.	Price Per Reel	
	1	10		1	5
517-3526-FT	2.37	2.15	517-3526/REEL	27.69	25.75

Black Dual Lock Self-Adhering Reclosable

- 1" wide
- Audible "snap" assures secure closure
- 5 times stronger than conventional hook and loop

By the Foot **Mini-Pack (4.9 Yards)**

517-3541-FT	3.49	3.15	517-3541/REEL	40.56	37.71

Clear Dual Lock Self-Adhering Reclosable

- 1" wide
- Audible "snap" assures secure closure
- 5 times stronger than conventional hook and loop

By the Foot **Mini-Pack (4.9 Yards)**

517-3560-FT	5.61	5.07	517-3560/REEL	65.31	60.73

5-WAY PENETRANTS

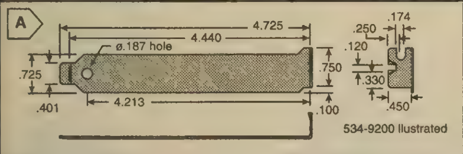
Non-greasy and non-sticky. Rust preventative. Displace moisture and dry out electrical apparatus, ignition systems, and motors. Lubricate delicate machines or precision instruments. Harmless to paint, plastics, fabrics, and rubber.

MOUSER STOCK NO.	Description	Price
517-5-WAY-24	24 oz Aerosol	8.03
517-5-WAY-6	6 oz Aerosol	3.95

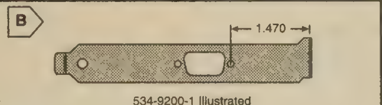
Computer Brackets, PC Boards, Card Guides, and Repair Products

KEYSTONE ELECTRONICS CORP. COMPUTER CARD BRACKETS

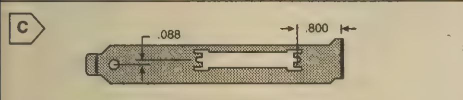
DIMENSIONS (IN.)



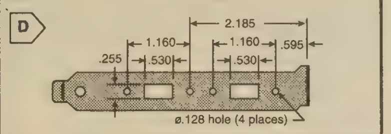
534-9200 Illustrated

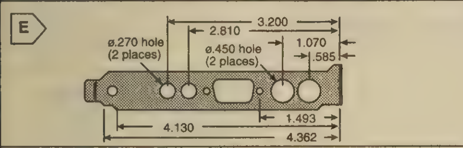


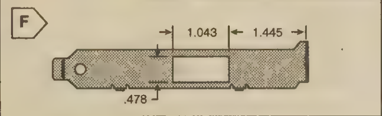
534-9200-1 Illustrated

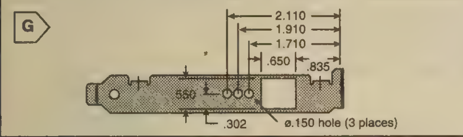


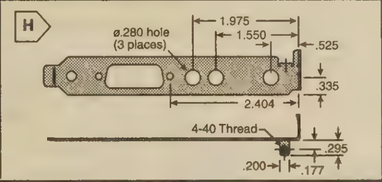
534-9200-6 Illustrated











These printed circuit card brackets have been designed to fit all PC computers and are available with a variety of holes and cutouts to connect any peripheral. The standard brackets shown reflect the most common configurations and cutouts for specific applications.

- Material: nickel plated .032" steel

Standard Blanks

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Application	Cutout	Price Each			
				1	10	100	500
534-9200	A	EISA/ISA or PCI	Blank	1.50	1.29	1.10	.85
534-9202	A	EISA/ISA w/tabs	Blank	1.50	1.29	1.10	.85
534-9203	A	PCI with tabs	Blank	1.50	1.29	1.10	.85

For Bracket Dimensions Refer to Figure A

Standard Brackets

For quantities greater than listed, call for quote.

534-9200-1	B	EISA/ISA	9P "D" Sub	1.50	1.29	1.10	.85
534-9200-2	B	PCI	9P "D" Sub	1.50	1.29	1.10	.85
534-9200-3	B	EISA/ISA	15P "D" Sub	1.50	1.29	1.10	.85
534-9200-4	B	EISA/ISA	25P "D" Sub	1.50	1.29	1.10	.85
534-9200-6	C	PCI	50P SCSI 1	1.50	1.29	1.10	.85
534-9200-7	C	PCI	68P SCSI 1	1.50	1.29	1.10	.85
534-9200-8	C	PCI	50P SCSI 2-4	1.50	1.29	1.10	.85
534-9200-9	C	PCI	68P SCSI 2-4	1.50	1.29	1.10	.85
534-9200-10	D	EISA/ISA or PCI	USB	1.50	1.29	1.10	.85
534-9201-1	E	PCI	A/V	1.50	1.29	1.10	.85
534-9202-1	F	EISA/ISA	MODEM	1.50	1.29	1.10	.85
534-9203-2	G	PCI	NETWORK	1.50	1.29	1.10	.85
534-9204-1	H	EISA/ISA	SOUND	1.50	1.29	1.10	.85

* Other standard or custom designed brackets are available, contact your Mouser Customer Service Representative.

PLUG BOARDS

DIMENSIONS (IN.)

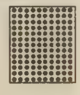
Features:

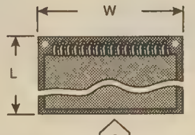
- Available in Y matrix or "pad-per-hole" design
- For edge card, eurocard or plan
- Copper-clad one side
- .100" grid spacing
- .042" hole diameters
- 1/16 (.06) thickness
- High quality epoxy paper
- 37 hole wide

For quantities greater than listed, call for quote.

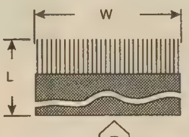
MOUSER STOCK NO.	Fig.	Description	Type	Width (In.)	Lth. (In.)	Price Each			
						1	10	50	100
153-1307	A	Pad-per-hole, for 32 pin eurocard	AA	3.94	6.29	13.46	12.24	11.13	10.12
153-1309	B	Pad-per-hole, .100 card edge fingers	AA	3.94	6.29	13.46	12.24	11.13	10.12

Type AA





A

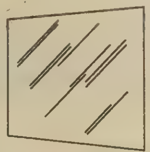


B

FR-4 COMPOSITE

An economical epoxy glass laminate. Suited for applications requiring high strength at low cost. Copper clad one side only.

- .059" thickness

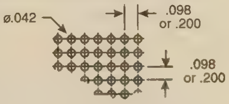


E41625

MOUSER STOCK NO.	Board Size (In.)	Price Each
501-FR3X3S	3 x 3	1.06
501-FR4X6S	4 x 6	1.96
501-FR8X10S	8 x 10	6.14
501-FR12X12S	12 x 12	8.36

PROTOTYPING GRID BOARDS

2.5mm/.098" Grid Spacing



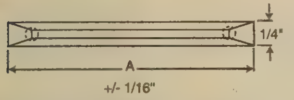
- Pre-punched
- .042" hole diameters
- 1/16 (.06) thickness
- High quality

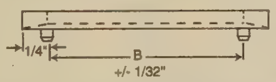
DIMENSIONS (IN.)

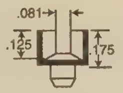
MOUSER STOCK NO.	Width (In.)	Length (In.)	Copperclad	Price Each			
				1	10	50	100
153-1108	5.91	7.87	None	9.76	8.13	7.39	6.72
153-1220	5.91	19.69	1 Side	29.28	26.62	24.20	22.00

EAGLE PCB CARD GUIDES

The printed circuit board card guide is designed to fit a .125" + .003" -.001" front diameter hole and a .120"±.005 x .218" slot rear hole.







DIMENSIONS (IN.)

MOUSER STOCK NO.	Dim. (In.)		Price Each			
	A	B	1	100	500	1000
561-CG250	2.5	2.0	.49	.368	.336	.305
561-CG300	3.0	2.5	.49	.368	.336	.305
561-CG350	3.5	3.0	.49	.368	.336	.305
561-CG400	4.0	3.5	.55	.420	.378	.347
561-CG450	4.5	4.0	.59	.438	.402	.365
561-CG550	5.5	5.0	.56	.420	.378	.347
561-CG600	6.0	5.5	.63	.473	.431	.389

circuit™ works PCB DESIGN & REPAIR PRODUCTS

Conductive Silver Lubrication

Conductive silver grease combines pure silver with advanced lubrication technologies for maximum electrical and thermal conductivity. Protects components from moisture, corrosion and is suitable for low to medium loads and speeds.

- Electronic
- Design
- Prototype
- Repair

Net Weight: .23 oz.

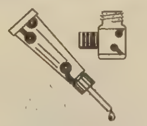
5168-7100	$14.91

Quick-Bond Gel and Accelerator

A nonmigrating cyanoacrylate gel that provides superior bond strength. Accelerator can be brushed on or applied directly over the gel for reliable, instant bonding.

Features:

- Strong, super tough, instant bonding
- Gel formula stays in place and fills gaps
- Bonds most materials, including plastics, rubbers, and metals
- Use where strong, instant bonds are required

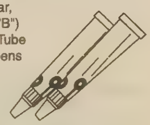


5168-4300	$7.37

Silver Epoxy Kit

For quick connections and bonding in electronic design, prototype, and repair projects. Bonds to solder, mylar, glass, and copper. Contains (part "A") epoxy, (part "B") hardener, reusable stir/applicator, and instructions. Tube size .25 oz. Use with the conductive and overcoat pens for complete design, prototype, and repair.

- Solderless electronic connections
- Quick no or low heat cure
- Shelf life: 12 months

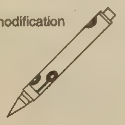


5168-2400	$19.18

Overcoat Pens

- A tough coating to protect and insulate components, braces, and repairs on circuit boards
- Dries in minutes at room temperature
- Can be applied over traces made by the conductive pen to protect and insulate trace
- When used to repair solder masks, improves the reliability and safety of circuit board modification

MOUSER STOCK NO.	Color	Price Each
5168-3300C	Clear	12.42
5168-3300G	Green	12.42



Conductive Pens

- Use where conductive electronic traces are needed for designing prototype circuits
- Improved conductivity, better trace adhesion, and reduced setting in the pen
- Dries in 3-5 minutes at room temperature
- Spring loaded tip for smooth flow

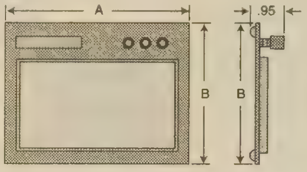
MOUSER STOCK NO.	Description	Price Each
5168-2200ST	Standard tip	14.92
5168-2200MT	Micro-tip	14.92

Breadboards, PCB Design, and Etching Products

3M SOLDERLESS BREADBOARDS

3M solderless breadboards incorporate state-of-the-art techniques in design and fabrication to yield a circuit building system with unparalleled flexibility.

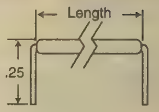
Features:
- 5 way binding post interface connections
- Laboratory proven multi-tie point terminal design
- Steel base with high gloss baked enamel finish
- Alpha-numeric tie-point identification
- 3M jumper wires included with all breadboards



MOUSER STOCK NO.	DIP Capacity	Size (In.)		No. of Tie Points	Binding Post	Price Each
		A	B			
517-922306	6-14 pin	5.40	4.00	610	2	10.80
517-922309	9-14 pin	7.00	4.00	840	3	15.80
517-922318	18-14 pin	7.75	6.25	1824	3	29.14
517-922327	27-14 pin	8.00	9.25	2712	4	37.47
517-922336	36-14 pin	10.25	9.25	3648	4	55.81
517-922345	45-14 pin	12.44	9.75	4520	4	74.98
517-922354	54-14 pin	14.69	9.75	5424	4	83.32

3M COLOR CODED JUMPER WIRES

Features:
- Pre-measured, pre-formed color coded jumper wires
- 22 AWG solid, tinned copper, PVC insulated
- Stripped 1/4", bent 90° on both ends



MOUSER STOCK NO.	Length (In.)	Color	Package Quantity	Price Each
517-923345-01	0.1	None	200	4.64
517-923345-02	0.2	Red	200	4.64
517-923345-03	0.3	Orange	200	4.64
517-923345-04	0.4	Yellow	200	4.64
517-923345-05	0.5	Green	200	4.64
517-923345-06	0.6	Blue	150	4.64
517-923345-07	0.7	Violet	150	4.64

MOUSER STOCK NO.	Length (In.)	Color	Package Quantity	Price Each
517-923345-08	0.8	Gray	150	4.64
517-923345-09	0.9	White	150	4.64
517-923345-10	1.0	Brown	100	4.64
517-923345-20	2.0	Red	100	4.64
517-923345-30	3.0	Orange	75	4.64
517-923345-40	4.0	Yellow	75	4.64
517-923345-50	5.0	Green	75	4.64

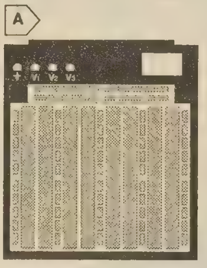
3M COLOR CODED JUMPER WIRE ASSORTMENT KIT

- 350 pieces
- 14 different color coded lengths
- 25 of each length

MOUSER STOCK NO.	Price Each
517-923351R	20.18

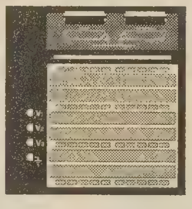
PP PROTO-TYPE BOARDS

A



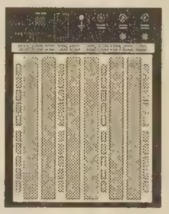
383-K326 Shown

B



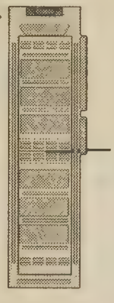
- Programmable 25-pin detachable I/O D-sub connectors included (1 male, 1 female)
- Fits up to 36 14 pin dual in-line IC's

C



- Built-in power supply (short-proof)
- DC power: +5V/1A
- Adjustable: 0 to +15V or -15V @ 500mA
- Input line voltage: AC 120V 60Hz

D



- All PC signals are connected to PCB
- External DB-25 D-sub connector (female) for interfacing
- Fits up to 24 14-pin dual-in-line IC's

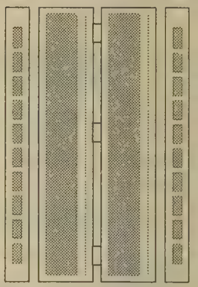
For construction of electronic circuits. Accepts most electronic components including IC's and transistors. Contacts-silver/nickel alloy. ABS polymer plastic body. Edge plates included. Dimensions shown are base plate dimensions.

*Power cord not included

MOUSER STOCK NO.	Fig.	Description	Dimen. (In.)		Price Each
			L	W	
383-K158	A	1580 tie points, 3 binding posts, fits up to 18 14-pin dual-in-line IC's	6.625	7.50	16.75
383-K242	A	2420 tie points, 4 binding posts, fits up to 27 14-pin dual-in-line IC's	9.875	7.375	22.75
383-K326	A	3260 tie points, 4 binding posts, fits up to 36 14-pin dual-in-line IC's	10.50	9.50	29.75
383-K2300-1	B	Interface proto-type board, 2320 tie points, 4 binding posts	10.00	9.00	58.95
*383-K2400	C	Powered proto-type board, 2420 tie points, power switch w/light	9.75	7.75	159.95
383-Q1940	D	PC interface proto-type board, 1940 tie points	13.75	4.00	91.88

PP MULTI-BOARD SOCKETS AND BUS STRIPS

Features:
- Center channel can be adjusted from 0.3 to 0.6 with a simple swap of the strips
- Accommodates 8 to 40 pin IC's
- Can fit up to 9 14-pin dual-in-line IC's
- Snap lock design allows easy combination with other strips

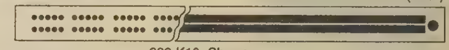


MOUSER STOCK NO.	Price Each
383-X1000	10.95

PP SOCKET AND BUS STRIPS

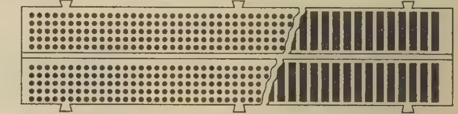
Features:
- External body: polymer (resists heat up to 90°C)
- Internal contact material: silver and nickel alloy
- Contact resistance: < 1mΩ
- Snap lock design
- Continuous working temperature should not exceed 50°C (max.)

A



383-K10 Shown

B

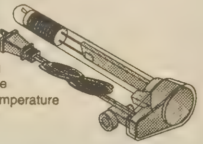


MOUSER STOCK NO.	Fig.	Description	Dimen. (In.)		Price Each
			L	W	
383-Q50	A	2 buses of 25 terminals in two rows	3.15	.47	2.13
383-Q290	B	58 groups of 5 connected terminals	3.15	1.5	4.95
383-K10	A	4 buses of 25 terminals in two rows	6.8	.54	1.95
383-K64	B	128 groups of 5 connected terminals	6.8	1.5	6.95

PC BOARD PROTOTYPE PRODUCTION PRODUCTS

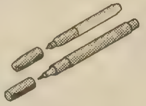
Etching Solution Heater

Fits in tank and heats solution up to 38°C (100°F). Used to further reduce etching time. Built-in adjustable thermostat controls temperature continuously to 100°F. 120VAC/100W max.



524-22-392	$16.84

Etch Resist Ink Pens



Black felt tip pens for making resist circuits directly on PC boards.

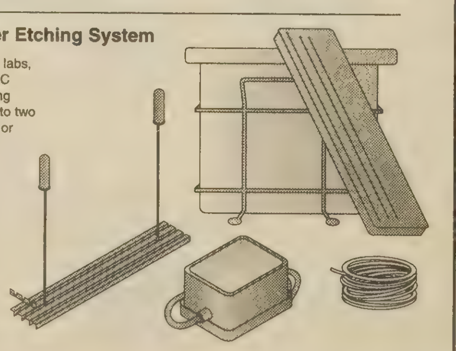
MOUSER STOCK NO.	Tip Size (In.)	Price Each
524-22-220	1/32	2.48
524-22-222	1/64	2.64

Professional PC Board Power Etching System

A semi-automatic etching device for use in labs, schools, prototype shops, and for limited PC board production. Air pump agitates etching solution for fast, even etches. Handles up to two 8" x 10" PC boards at a time, either single or double sided.

Kit Contains:

1 Etching tank & reservoir lid (12"H x 2 1/2"W x 10 1/2"L) molded; polyethylene: ABS PC board holder; capacity: 1.25 gal. of etching solution
1 Etch-o-matic power agitating pump, 120VAC operation
1 Permanent or portable tip-free base
1 PC board holder and handle
4 Feet of supply hose



524-22-394	$79.04

SOFTWARE FOR PCB DESIGN

Minimum System Requirements:
- 486DX based PC
- 8MB RAM
- 10MB hard drive space
- CD-ROM drive

WinDraft	526-WINDRAFT/CD	$29.95

WinDraft is the user friendly schematic capture package for Windows. Install on your PC and in minutes you'll be designing schematics with ease.

- Compatibility, reads in OrCAD schematics & libraries.
- Industry standard formats for EDIF & ASCII in/out.
- Complete with Elec. Rules Check, Bill of Materials, & over 12,000 parts.

Features:
- Easily create designs up to 200 pins.
- Expandable to larger designs.
- Comes on one CD-ROM

WinBoard	526-WINBOARD/CD	$29.95

WinBoard delivers the most sophisticated interactive routing capabilities available under Windows. It supports through hole and SMD designs. Easily create or modify your own modules footprints or do designs.

- Compatibility, reads in netlists from WinDraft, OrCAD, Tango, Protel, & more.
- Industry standard formats for Gerber photo plot, NC Drill, & Bill of Materials.
- Complete package with DRC, Pick & Place, over 700 modules, & more.

TONER TRANSFER SYSTEM

CIRCUIT BOARDS
PARTS OVERLAYS
FACEPLATES & WINDOWS
CUSTOM DECALS

Create your own "iron-on" PC board patterns, faceplates, and color decals from any laser printer or high quality copier!

- **No Chemicals!**
- **No Darkroom!**
- **No Negatives!**

3 Easy Steps:
- *Print it...*
- *Iron it...*
- *Soak it...*

MOUSER STOCK NO.	No. of 8 1/2" x 11" Sheets	Price Each	
		1	5
5165-TTS5	5	14.95	13.46
5165-TTS10	10	27.95	25.45

VECTORBORD® Prototyping Boards

VECTORBORD® GENERAL PURPOSE

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Material	Price Each		
		W	L	T		1	10	25
574-64P44WE	A1	4.50	6.50	.062	FR4 Epoxy glass	6.09	4.95	4.79
574-64P44XXXP	A1	4.50	6.50	.062	FR2 Phenolic	6.13	5.39	4.81
574-64P44	A1	4.50	6.50	.062	CEM-1 Epoxy glass composite	6.09	4.95	4.79
574-84P44WE	A1	4.50	8.50	.062	FR4 Epoxy glass	9.15	8.05	7.19
574-169P44C1	A1	4.50	17.00	.062	CEM-1 Epoxy glass comp. copper clad 1-side	19.73	17.36	15.50
574-169P44	A1	4.50	17.00	.062	CEM-1 Epoxy glass composite	10.59	9.31	8.32
574-169P44XXXP	A1	4.50	17.00	.062	FR2 Phenolic	11.31	9.95	8.89
574-169P44WE	A1	4.50	17.00	.062	FR4 Epoxy glass	16.24	14.29	12.76
574-169P44WEC1	A1	4.50	17.00	.062	FR4 Epoxy glass, copper, 1 side	15.85	13.94	12.45
574-169P59-032	A1	6.00	17.00	.031	FR4 Epoxy glass	16.02	14.10	12.59
574-169P59047	A1	6.00	17.00	.047	FR4 Epoxy glass	15.85	13.94	12.45
574-169P59XXXP	A1	6.00	17.00	.062	FR2 Phenolic	12.58	11.07	9.89
574-169P79WE	A1	8.00	17.00	.062	FR4 Epoxy glass	25.15	22.13	19.76
574-169P84	A1	8.50	17.00	.062	CEM-1 Epoxy glass composite-6	27.69	24.37	21.76
574-169P84C1	A1	8.50	17.00	.062	CEM-1 Epoxy glass composite, copper, 1 side	32.11	28.26	25.23
574-169P84WE	A1	8.50	17.00	.062	FR4 Epoxy glass	27.71	19.98	17.84
574-169P84WEC1	A1	8.50	17.00	.062	FR4 Epoxy glass copper clad one side	27.30	24.01	21.45
574-169P99	A1	10.00	17.00	.062	CEM-1 Epoxy glass composite	33.92	29.85	26.65
574-85H48WE	A2	4.80	8.50	.062	FR4 Epoxy glass	14.20	12.50	11.16
574-85H85WE	A2	8.50	8.50	.062	FR4 Epoxy glass	24.92	14.02	19.58
574-170H48WE	A2	4.80	17.00	.062	FR4 Epoxy glass	24.04	21.15	18.89
574-170H85WE	A2	8.50	17.00	.062	FR4 Epoxy glass	36.89	32.46	28.99

CIRCBORD® PRINTED CIRCUIT

* With ground plane ** Plated through holes

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Hole Dia. (In.)	16 Pin DIP Capacity	Material	Price Each	
		W	H	T				1	10
574-8001	B3	6.50	4.50	.062	.042	20	CEM-1 Epoxy glass composite	23.58	20.74
574-8002	B6	6.50	4.50	.062	.042	36	CEM-1 Epoxy glass composite	26.14	23.00
574-8003	B7	6.50	4.50	.062	.042	60	CEM-1 Epoxy glass composite	22.44	19.74
574-8004	B5	6.50	4.50	.062	.042	50	CEM-1 Epoxy glass composite	24.73	21.76
* 574-8007	B7	6.50	4.50	.062	.042	60	CEM-1 Epoxy glass composite	25.13	22.10
574-3677-6	B3	8.08	4.50	.062	.042	21	CEM-1 Epoxy glass composite	18.17	15.98
574-45P80-1	B7	8.08	4.50	.062	.042	80	CEM-1 Epoxy glass composite	27.42	24.12
574-8010	B7	4.00	12.86	.062	.042	124	FR4 Epoxy glass	76.12	66.96
** 574-8006	B7	13.25	5.00	.062	.042	154	FR4 Epoxy glass	43.36	38.14
** 574-8012	B7	11.00	9.20	.062	.042	283	FR4 Epoxy glass	65.03	57.20
574-106P106-1	B7	10.60	10.60	.062	.042	275	CEM-1 Epoxy glass composite	67.61	59.49

VECTORBORD® PLUGBORDS™

* With ground plane ** Plated through holes

MOUSER STOCK NO.	Fig.	Dimensions (In.)			Spacing (In.)	No. of Cont.	16 Pin DIP Capacity	Material	Price Each
		W	H	T					
574-3797-2	C3	4.50	2.73	.062	.156	30	4	CEM-1 Epoxy, glass composite	18.75
* 574-4112-5	C8	4.50	4.50	.062	.156	44	8	CEM-1 Epoxy, glass composite	28.83
574-3662	C4	6.50	4.50	.062	.156	44	50	CEM-1 Epoxy, glass composite	21.17
574-3662-5	C4	4.50	4.50	.062	.156	44	40	CEM-1 Epoxy, glass composite	17.80
574-3662A6	C5	6.50	4.50	.062	.156	44	90	CEM-1 Epoxy, glass composite	34.37
** 574-3662-9	C7	6.50	4.50	.062	.156	44	48	FR4 Epoxy glass	41.30
574-3677-2	C3	6.50	4.50	.062	.156	44	12	CEM-1 Epoxy, glass composite	24.23
574-4112	C3	9.60	4.50	.062	.156	44	40	FR4 Epoxy glass	39.02
574-4112-4	C8	6.50	4.50	.062	.156	44	25	CEM-1 Epoxy, glass composite	31.09
574-3677	C3	9.60	4.50	.062	.156	44	21	CEM-1 Epoxy, glass composite	27.30
574-3719-1	C4	6.50	4.50	.062	.100	72	50	CEM-1 Epoxy, glass composite	24.49
574-3719-4	C4	9.60	4.50	.062	.100	72	90	CEM-1 Epoxy, glass composite	27.30
** 574-3719-6	C7	6.50	4.50	.062	.100	72	40	FR4 Epoxy glass	45.04
574-4350	C5,8	9.60	7.00	.062	.125	80	63	CEM-1 Epoxy, glass composite	44.83

VECTORBORD® EUROCARD

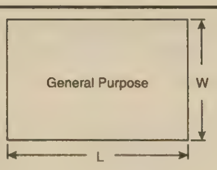
MOUSER STOCK NO.	Fig.	Dimensions (In.)		Hole Dia. (In.)	16 Pin DIP Capacity	Material	Wire Wrap Pins	Price Each	
		W	H					1	10
574-E160-3U-3	D5	6.30	3.94	.055	45	FR4 Epoxy glass	R50, R51, R53	34.68	30.51
574-E160-6U-1	D7	6.30	9.19	.042	100	FR4 Epoxy glass	574-R32/C	55.59	48.90
574-E160-6U-3	D5	6.30	9.19	.055	105	FR4 Epoxy glass	R51, R52, R53	58.37	51.35
574-E220-6U-1	D7	8.66	9.19	.042	140	FR4 Epoxy glass	574-R32/C	74.75	65.78
574-E220-6U-3	D5	8.66	9.19	.055	168	FR4 Epoxy glass	R51, R52, R53	70.82	62.29
574-E280-9U-3	D5	11.02	14.44	.055	348	FR4 Epoxy glass	R51, R52, R53	97.43	85.70

VECTORBORD® BUS SPECIFIC

** Plated through holes † I/O connector pad

MOUSER STOCK NO.	Fig.	Dimen. (In.)		Hole Dia. (In.)	16 Pin DIP Cap.	Material	Bus	Price Each	
		W	H					1	10
574-3795-1	E3	4.50	2.73	.042	4	CEM1 Epoxy glass comp.	Commodore 64	23.17	20.38
574-4613	F3	13.23	4.20	.042	44	FR4 Epoxy glass	IBM PC, XT	68.75	60.48
574-4613-1	F9	13.23	4.20	.042	84	FR4 Epoxy glass	IBM PC, XT	53.42	46.99
** 574-4613-3	F7	13.23	4.20	.042	91	FR4 Epoxy glass	IBM PC, XT	53.99	47.49
** 574-4617	G3	13.25	4.80	.042	32	FR4 Epoxy glass	IBM AT/ASA	68.75	60.48
574-4617-1	G9	13.25	4.80	.042	108	FR4 Epoxy glass	IBM AT/ASA	56.10	49.35
** 574-4617-3	G7	13.25	4.80	.042	96	FR4 Epoxy glass	IBM AT/ASA	68.75	60.48
574-4617-4	G5	13.25	4.80	.055	140	FR4 Epoxy glass	IBM AT/ASA	68.75	60.48
574-4617C5LF	G10	13.25	4.80	.055	140	FR4 Epoxy glass	IBM AT	580.64	510.96
** 574-4619-3	H7	13.25	4.50	.042	70	Mult. layer	EISA	256.32	225.57
574-4610-1	I4	6.50	4.50	.042	59	CEM1 Epoxy glass comp.	Standard	36.08	31.74
574-4610-2	I6	6.50	4.50	.042	35	CEM1 Epoxy glass comp.	Standard	36.08	31.74
† 574-4610-3	I7	6.50	4.50	.062	52	FR4 Epoxy glass	Standard	50.88	44.75
574-8801-6	J7	5.30	10.00	.062	80	FR4 Epoxy glass	S-100	49.90	53.36

A



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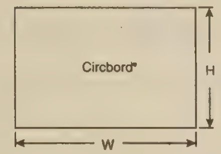

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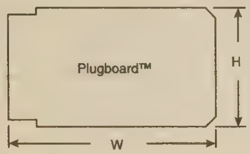

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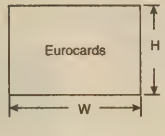

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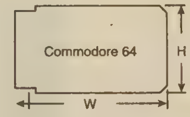

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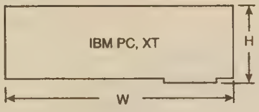

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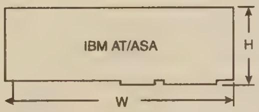

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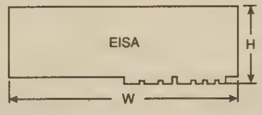

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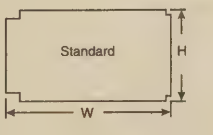

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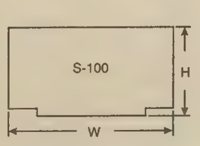
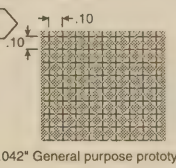


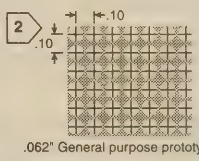
Circuit Pattern

1



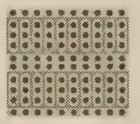
.042" General purpose prototyping

2



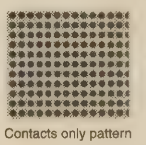
.062" General purpose prototyping

3



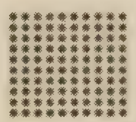
3-Hole solder pad pattern

4



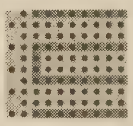
Contacts only pattern

5



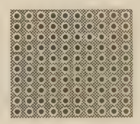
Voltage/ground plane pattern

6



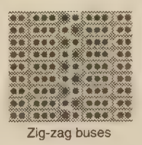
Interleaved bus pattern

7



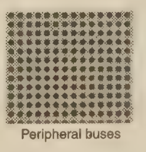
Pad-per-hole pattern

8



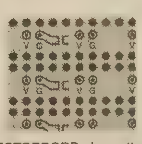
Zig-zag buses

9



Peripheral buses

10



VECTORBORD plus pattern
Fully populated with wire wrap pins

VECTOR
ELECTRONIC COMPANY

VECTORBORD® Proto Boards, Kits, Tools, and Accessories

VECTORBORD® STANDARD BUS BACKPLANE

Fully assembled and tested, 16 slot backplane for standard bus applications. Meets all standard bus specifications.

- Contacts: gold plated
- Connector Spacing: .750"

✻ Power lines are filtered with bypass capacitors

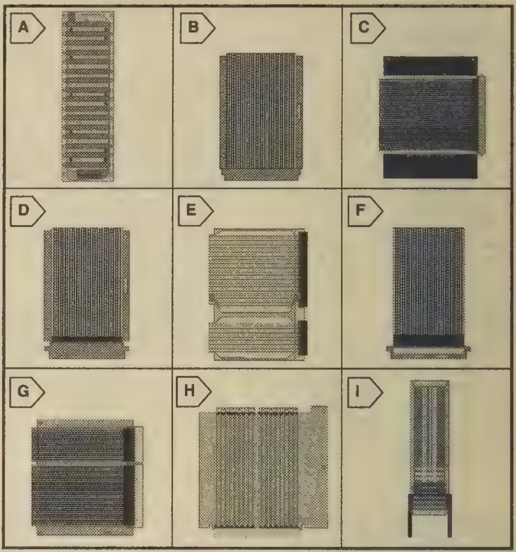
MOUSER STOCK NO.	Fig.	Dimensions (In.)			Accessories			Price Each	
		W	L	T	Plugbord Series	Extender	Card Rack	1	10
574-4610-16-1A	A	4.35	13.00	.062	4610 series	3690-16	CCK13 series	275.29	242.15

VECTORBORD® GENERAL PURPOSE AND BUS SPECIFIC EXTENDER CARDS

Extenders for in-system testing of functioning circuits. Construction is either FR4 epoxy glass or epoxy glass composite with nickel / gold plated edge contacts and gold plated socket contacts. Connectors are installed and attached to 2-once etched circuit line on the board. Connector tabs on most models are designed to accept test clips or probes.

✻ Power lines are filtered with bypass capacitors

MOUSER STOCK NO.	Fig.	Dimen. (In.)		Spacing	No. of Cont.	Material	Bus	Price Each	
		W	H					1	10
574-3690	B	4.50	6.50	.156	44	Epoxy glass composite	General purpose	37.74	33.20
574-3690-6	B	4.50	11.00	.156	44	Epoxy glass composite	General purpose	41.06	39.01
574-3690-12	C	10.00	7.50	.125	100	Epoxy glass composite	S100	71.75	63.11
574-3690-16	D	4.50	6.50	.125	56	Epoxy glass composite	General purpose/standard	46.73	41.10
574-3690-18	E	12.00	7.65	.100	60	Epoxy glass	Multibus 1	104.04	91.55
574-3690-22	F	3.18	5.70	.100	62	Epoxy glass	IBM PC, XT	69.07	60.78
574-3690-26	G	6.70	5.60	.100	36	Epoxy glass	IBM AT	71.75	63.11
574-3690-31	H	7.65	7.475	DIN	96	Multilayer	PS280	287.35	252.86
574-VMEE-J2	I	12.20	3.94	DIN	96	Multilayer	VME	276.52	243.24

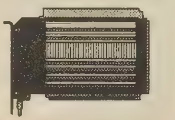


PCI DEVELOPERS KITS AND PCMCIA PROTOTYPE KITS

4624-3 PCI Prototype Board for Universal Development

- Multilayer board with pad per hole pattern with power and ground accessible throughout board
- Designed for use in 5 volt or 3.3 volt applications
- Designed for use with Vector prototype accessories
- Instructions included

574-4624-3	$226.42



3690-34-3V, 3690-34-5V

4625-3 PCMCIA Prototype Board Kit

- 0.1" grid pattern with pad per hole, surrounded by ground and power planes on both sides of board
- Large area prototype board
- FR4 epoxy glass board
- Kit Contents: PCMCIA adapter, 10.6" x 7" prototype board

574-4625-3	$183.45

4624-3

4625-3

3690-34-3V PCI Test Extender

- 32 bit or 64 bit test extender card for 3.3 volts
- Each signal line provided with test point
- Assembled and tested
- Instructions included
- Assembled and tested
- Instructions included

3690-34-5V PCI Test Extender

- 32 bit or 64 bit test extender card for 5 volts
- Each signal line provided with test point
- Assembled and tested
- Instructions included

574-3690-34-3V	$349.43
574-3690-34-5V	$349.43

3690-35

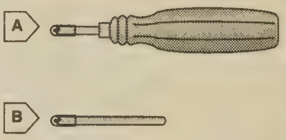
3690-35 PCMCIA Test Extender

- Designed for Type I and Type II use
- 64 pin connect or with numbering
- Multilayer construction
- Signal lines provided with test points
- Assembled and tested

574-3690-35	$171.71

PAD CUTTER

Pad cutters provide an effective method for creating isolated solder pads around holes in copper clad boards. Pilot pin enters hole and rotated, creating a clearanced area around solder pad.



MOUSER STOCK NO.	Fig.	Description	Price Each
574-P138A	A	With handle	58.18
574-P138C	B	Shank only, for use in power drills	55.95

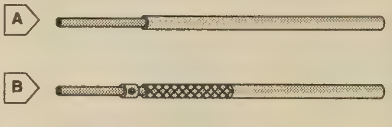
TEFZEL INSULATED SILVER PLATED WIRE

This wire is designed to be used with wire wrap terminals. Spool diameter is 1 inch.

Two 50' Spools Per Pkg.

MOUSER STOCK NO.	AWG	Color	Price Per Pkg.
574-W28-6A	28	Green	17.43
574-W28-6B	28	Red	17.43
574-W28-6D	28	Blue	17.34
574-W28-6E	28	White	18.27
574-W28-6F	28	Yellow	16.52
574-W28-6H	28	Black	17.89

MANUAL WIRE-WRAP TOOLS

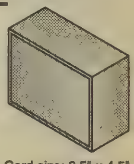


For use with 26AWG - 30AWG wire

MOUSER STOCK NO.	Fig.	Description	Price Each
574-P160-1B	A	Unwrap tool	65.49
574-P160-2B	B	Wrapping tool	41.97

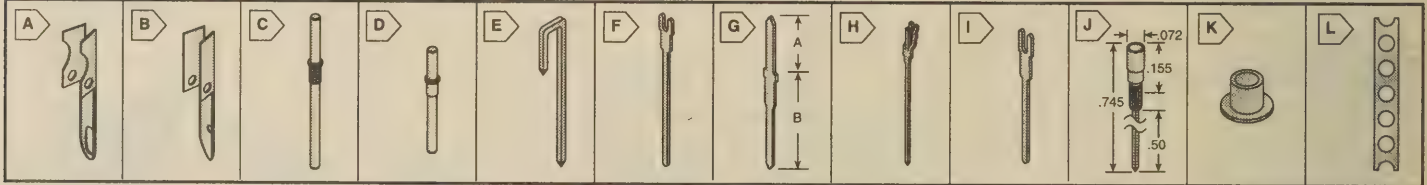
MULTI-MOD CASE

Versatile multi-mod case is ideal for small case packaging of testers, controllers, and other instruments. Brushed aluminum construction provides excellent RF attenuation. Extruded, two piece frame assembles quickly with self tapping screws. Fits standard .062" cards.



- Card size: 6.5" x 4.5"

MOUSER STOCK NO.	Dimensions (In.)			Price Each
	H	W	L	
574-W20-66-46B	4.61	2.00	6.61	26.55



PINS, TERMINALS, SOLDER EYELETS, AND BUS STRIPS

Mini-Klip™ Push-In Terminals

MOUSER STOCK NO.	Fig.	Description	Package Quantity	Price Each
574-T28/C	A	Push-in terminal for .062" holes	100	8.57
574-T28/M	A	Push-in terminal for .062" holes	1000	39.45
574-T42-1/C	B	Push-in terminal for .042" holes	100	8.35
574-T42-1/M	B	Push-in terminal for .042" holes	1000	40.07
574-K24A/M	C	Pin .650" (L) for .042" hole, gold plated	1000	96.57
574-K24C/M	C	Pin .650" (L) for .042" hole, tin plated	1000	53.49
574-K30C/M	D	Pin .550" (L) for .042" hole	1000	50.13
574-K31C/M	D	Pin .375" (L) for .042" hole, tin plated	1000	37.57

.025" Square Post Wire-Wrap Terminals

MOUSER STOCK NO.	Fig.	Description	Package Quantity	Price Each
574-T44/C	F	Bifurcated with 2 pronged receptacle for	100	9.04
574-T44/M	F	wires or leads	1000	52.01
574-T46-2-9/M	G	Press in terminal for .042" hole; A=.36", B=.42"	1000	74.97
574-T46-3-9/C	G	Press in terminal for .042" hole; A=.46", B=.60"	100	13.01
574-T46-3-9/M	G	Press in terminal for .042" hole; A=.46", B=.60"	1000	89.01

.025" Square Post Wire-Wrap Terminals (cont.)

DIMENSIONS (IN.)

MOUSER STOCK NO.	Fig.	Description	Package Quantity	Price Each
574-T46-4-9/C	G	Press in terminal for .042" hole; A=.04", B=.42"	100	8.18
574-T46-4-9/M	G	Press in terminal for .042" hole; A=.04", B=.42"	1000	81.72
574-T46-5-9/M	G	Press in terminal for .042" hole; A=.28", B=.60"	1000	82.45
574-T49/C	H	Trifurcated with 3 pronged receptacle for	100	12.58
574-T49/M	H	wires or leads	1000	111.07
574-T68/C	I	Bifurcated mini-wrap terminal length .80	100	8.39
574-T68/M	I	Bifurcated mini-wrap terminal length .80	1000	49.39
574-T68A/M	I	Bifurcated mini-wrap terminal length .63	1000	92.25

.042" Wire-Wrap Socket Pins

- Low profile
- Pressfit mounting

574-R32/C	J	Four finger contacts, depth .13"	100	30.75
574-R32/M	J	Four finger contacts, depth .13"	1000	209.66

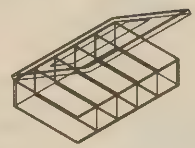
Solder Eyelets and Bus Strips

574-T123/500	K	Solder eyelets for .055" holes	500	28.29
574-T107/C	L	.08" (W) x 14" (L) solder-coated	100	85.18

Prototype Kits

The thick film chip resistors are packaged in a continuous 100 piece length on SMD tape. Each value is packaged in its own resealable plastic bag and placed within a 15 compartment compact storage case. The 240 piece kits contain 10 each of 24 different values packaged in plastic bags with one value per bag. There are 4 values stored in each of the 6 compartments in the storage case.

Features:
- Designed to fill the need of design engineers, prototype, and repair benches, school labs and short-run manufacturing lines
- Color code for each item is listed on legend for easy identification
- Production quantities of all listed components are in stock at Mouser
- All items in our kits are regularly stocked items
- Compare Mouser kits on this page with anyone else's and you will see why quality, price, selection, and convenience point to a Mouser kit for your needs
- Fully assembled and keyed for easy use



RESISTOR KITS

SMD Thick Film Chip Resistors

MOUSER STOCK NO.	Type	Range of Values (Ω)	Pieces in Each Kit	Description	Price Each
370-301-1	1/16W ,5%	10 - 2M	6,200	**100 ea.:** 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82, 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K, 120K, 150K, 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K, 1M, 2M	188.95
370-260-1	1/10W, 5%	10 - 2M	6,200		174.95
370-263-1	1/8W, 5%	10 - 2M	6,200		164.95
370-301-2	1/16W, 5%	11 - 1.5M	6,100	**100 ea.:** 11, 13, 16, 20, 24, 30, 36, 43, 51, 62, 75, 91, 110, 130, 160, 200, 240, 300, 360, 430, 510, 620, 750, 910, 1.1K, 1.3K, 1.6K, 2K, 2.4K, 3K, 3.6K, 4.3K, 5.1K, 6.2K, 7.5K, 9.1K, 11K, 13K, 16K, 20K, 24K, 30K, 36K, 43K, 51K, 62K, 75K, 91K, 110K, 130K, 160K, 200K, 240K, 300K, 360K, 430K, 510K, 620K, 750K, 910K, 1.5M	188.95
370-260-2	1/10W, 5%	11 - 1.5M	6,100		174.95
370-263-2	1/8W, 5%	11 - 1.5M	6,100		164.95

Carbon Film Resistors

MOUSER STOCK NO.	Type	Range of Values (Ω)	Pieces in Each Kit	Description	Price Each
370-299-1	1/8W, 5%	1 - 82	240	**10 ea.:** 1.0, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82	19.95
370-299-2	1/8W, 5%	100 - 8.2K	240	**10 ea.:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K	19.95
370-299-3	1/8W, 5%	10K - 820K	240	**10 ea.:** 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K, 120K, 150K, 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K	19.95
370-291-1	1/4W, 5%	1 - 1K	240	**10 ea.:** 1.0, 2.0, 3.0, 4.7, 5.6, 7.5, 8.2, 10, 12, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	18.95
370-291-2	1/4W, 5%	1.1K - 100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	18.95
370-291-3	1/4W, 5%	110K - 10M	240	**10 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 2M, 3.3M, 3.9M, 4.7M, 5.6M, 6.8M, 8.2M, 10M	18.95
370-293-1	1/2W, 5%	2.2 - 1K	240	**10 ea.:** 2.2, 2.4, 3.0, 4.7, 5.6, 7.5, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	23.95
370-293-2	1/2W, 5%	1.1K - 100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	23.95
370-293-3	1/2W, 5%	110K - 3.3M	240	**10 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 1.1M, 1.3M, 1.5M, 1.6M, 1.8M, 2M, 2.2M, 3.3M	23.95
370-294-1	1W, 5%	2.2 - 1K	240	**10 ea.:** 2.2, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 15, 27, 39, 47, 56, 68, 82, 100, 150, 220, 270, 330, 470, 560, 680, 820, 1K	29.95
370-294-2	1W, 5%	1.2K - 100K	240	**10 ea.:** 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K	29.95

Carbon Composition Resistors

MOUSER STOCK NO.	Type	Range of Values (Ω)	Pieces in Each Kit	Description	Price Each
370-BJ250-1	1/4W, 5%	2.2- 1.0K	240	**10 ea.:** 2.2, 2.7, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1.0K	17.95
370-BJ250-2	1/4W, 5%	1.1K - 100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2.0K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	17.95
370-BJ250-3	1/4W, 5%	100K - 910K	240	**10 ea.:** 100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 240K, 270K, 300K, 330K, 360K, 390K, 430K, 470K, 510K, 560K, 620K, 680K, 750K, 820K, 910K	17.95

Metal Film Resistors

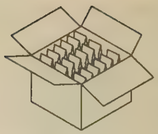
MOUSER STOCK NO.	Type	Range of Values (Ω)	Pieces in Each Kit	Description	Price Each
370-270-1	1/8W, 1%, 100ppm	4.02 - 1K	240	**10 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	29.95
370-270-2	1/8W, 1%, 100ppm	1.1K - 100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	29.95
370-270-3	1/8 W, 1%, 100ppm	110K - 1M	240	**10 ea.:** 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	29.95
370-271-1	1/4W, 1%, 50ppm	4.02 -1K	240	**10 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	29.95
370-271-2	1/4W, 1%, 50ppm	1.1K -100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	29.95
370-271-3	1/4W, 1%, 50ppm	110K - 1M	240	**10 ea.:** 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	29.95
370-273-1	1/2W, 1%	4.02 - 1K	240	**10 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K	34.95
370-273-2	1/2W, 1%	1.1K - 100K	240	**10 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	34.95

Metal Oxide Resistors

MOUSER STOCK NO.	Type	Range of Values (Ω)	Pieces in Each Kit	Description	Price Each
370-261-1	1W, 5%	5 - 100	240	**10 ea.:** .5, .68, .82, 1.0, 1.5, 2.0, 3.0, 4.7, 5.6, 6.8, 8.2, 9.1, 10, 15, 20, 30, 39, 47, 51, 68, 75, 82, 91, 100 **(values for both 370-261-1 and 370-262-1)**	34.95
370-262-1	2W, 5%	5 - 100	240		39.95
370-261-2	1W, 5%	110 - 1.0K	240	**10 ea.:** 110, 120, 130, 150, 160, 180, 200, 220, 240, 270, 300, 330, 360, 390, 430, 470, 510, 560, 620, 680, 750, 820, 910, 1.0K **(values for both 370-261-2 and 370-262-2)**	34.95
370-262-2	2W, 5%	110 - 1.0K	240		39.95
370-261-3	1W, 5%	1.1K - 68K	240	**10 ea.:** 1.1K, 1.5K, 2K, 2.7K, 3K, 3.9K, 4.7K, 5.1K, 6.2K, 7.5K, 8.2K, 9.1K, 10K, 15K, 20K, 27K, 30K, 33K, 39K, 47K, 51K, 62K, 68K **(values for both 370-261-3 and 370-262-3)**	34.95
370-262-3	2W, 5%	1.1K - 68K	240		39.95

Prototype Kits

RESISTOR "C-PAC" ASSORTMENTS

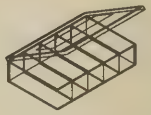


MOUSER STOCK NO.	Type	Range of Values (Ω)	Pieces in Each Kit	Description	Price Each
Carbon Film Resistors					
370-291-1C	1/4W	1.0 - 1K	4800	**200 ea.:** 1.0, 2.0, 3.0, 4.7, 5.6, 7.5, 8.2, 10, 12, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	**46.95**
370-291-2C	1/4W	1.1K - 100K	4800	**200 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	**46.95**
370-291-3C	1/4W	110K - 10M	4800	**200 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 2M, 3.3M, 3.9M, 4.7M, 5.6M, 6.8M, 8.2M, 10M	**46.95**
370-291-C	1/4W	1 - 10M	14,400	**200 ea.:** of all values listed for prototype kits 370-291-1C, 370-291-2C, and 370-291-3C above.	**139.95**
370-293-1C	1/2W	2.2 - 1K	4800	**200 ea.:** 2.2, 2.4, 3, 4.7, 5.6, 7.5, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1K	**74.95**
370-293-2C	1/2W	1.1K - 100K	4800	**200 ea.:** 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	**74.95**
370-293-3C	1/2W	110K - 3.3M	4800	**200 ea.:** 110K, 130K, 150K, 180K, 200K, 270K, 300K, 330K, 390K, 470K, 560K, 680K, 750K, 820K, 910K, 1M, 1.1M, 1.3M, 1.5M, 1.6M, 1.8M, 2M, 2.2M, 3.3M	**74.95**
370-293-C	1/2W	2.2 - 3.3M	14,400	**200 ea.:** of all values listed for prototype kit 370-SJ500-1C, 370-SJ500-2C, and 370-SJ500-3C shown above.	**217.95**
370-294-1C	1W	2.2 - 1K	2400	**100 ea.:** 2.2, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 15, 27, 39, 47, 56, 68, 82, 100, 150, 220, 270, 330, 470, 560, 680, 820, 1K	**114.95**
370-294-2C	1W	1.2K - 100K	2400	**100 ea.:** 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K	**114.95**
370-294-C	1W	2.2 - 100K	4800	**100 ea.:** of all values listed for prototype kits 370-294-1C and 370-294-2C shown above	**229.95**
Carbon Composition Resistors					
370-BJ250-1C	1/4W	2.2 - 1.0K	2400	**100 ea.:** 2.2, 2.7, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 13, 15, 20, 27, 47, 68, 75, 100, 200, 300, 430, 560, 680, 750, 820, 1.0K	**139.95**
370-BJ250-2C	1/4W	1.1K - 100K	2400	**100 ea.:** 1.1K, 1.5K, 1.8K, 2.0K, 2.7K, 3.0K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K	**139.95**
370-BJ250-3C	1/4W	100K - 910K	2400	**100 ea.:** 100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 240K, 270K, 300K, 330K, 360K, 390K, 430K, 470K, 510K, 560K, 620K, 680K, 750K, 820K, 910K	**139.95**
370-BJ250-C	1/4W	2.2 - 910K	7200	**100 ea.:** of the 72 values listed for prototype kits 370-BJ250-1C, 370-BJ250-2C and 370-BJ250-3C shown above	**368.14**
1% Metal Film Resistors 50ppm					
370-271-C	1/4W	4.02 - 1M	14,400	**200 ea.:** 4.02, 10, 20, 30, 39, 47, 51, 68, 100, 120, 160, 200, 220, 270, 300, 330, 390, 430, 560, 620, 750, 820, 910, 1K, 1.1K, 1.5K, 1.8K, 2K, 2.7K, 3K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K, 10K, 15K, 20K, 27K, 30K, 33K, 47K, 56K, 68K, 75K, 82K, 100K, 110K, 120K, 130K, 150K, 160K, 180K, 200K, 220K, 270K, 300K, 330K, 390K, 430K, 470K, 499K, 560K, 620K, 680K, 750K, 820K, 845K, 910K, 953K, 1M	**329.95**

CAPACITOR "C-PAC" ASSORTMENTS

MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
370-140PFK-C1	100V±10% polyester	.001μF-.005μF	600	**100 each:** .001, .0015, .002, .0022, .0033, .005	**28.95**
370-140PFK-C2	100V±10% polyester	.01μF-.047μF	600	**100 each:** .01, .015, .02, .022, .033, .047	**36.95**
370-140PFK-C3	100V±10% polyester	.05μF-.047μF	600	**100 each:** .05, .068, .1, .15, .22, .47	**89.95**
370-140PFK-C	100V±10% polyester	.001μF-.047μF	1800	**100 each:** .001, .0015, .002, .0022, .0033, .005, .01, .015, .02, .022, .033, .047, .05, .068, .1, .15, .22, .47	**134.95**
370-GP50-C	50V ceramic disc	5pF-.1μF	3600	**200 each:** 5, 10, 22, 33, 47, 68, 100, 220, 270, 330, 470, 500pF, .001, .002, .005, .01, .05, .1	**89.95**

CAPACITOR KITS

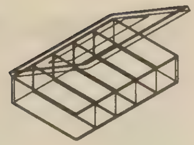


MOUSER STOCK NO.	Type	Range of Values	Pieces in Each Kit	Description	Price Each
Electrolytic Capacitors					
370-140MLR-1	Sub-miniature radial	.1μF-220μF	150	**10 ea.:** .1, .22, .33, .47, 1.0, 2.2, 3.3, 4.7, 10 (50V), 4.7, 22 (35V), 33 (25V), 47, 100 (16V), 220 (10V)	**49.95**
370-140XAL-1	Miniature axial	.47μF-1000μF	80	**10 ea.:** .47 , 1.0 (50V); **5 each:** 2.2, 3.3, 4.7, 10, 20, 220 (50V), 33, 470 (35VDC), 47, 100, 330, 1000 (25VDC)	**29.95**
370-140XAL-2	Miniature axial	220μF-4700μF	25	**5 ea.:** 220 (50VDC), 330 (25VDC); **3 each:** 470 (35VDC), 1000 (25VDC), 1000 (50VDC); **2 each:** 2200, 3300, 4700 (35VDC)	**29.95**
370-140XRL-1	Miniature radial	1μF-1000μF	80	**10 ea.:** 1, 2.2, 4.7, 22 (50V); 10 , 47 (35V); **5 each:** 100, 470, 1000 (25V), 220 (35V)	**29.95**
370-208-25	Miniature radial	1μF-1,000μF	85	**10 ea.:** 1, 2.2, 3.3, 4.7, 10 (50WVDC); **5 each:** 22 (50WVDC), 33, 47 (35WVDC), 100, 220, 470, 1000 (25WVDC)	**33.95**
5985-AVS-KIT1	SMD aluminum	1000μF-4.7μF	170	**10 ea.:** 1,000μF (10V); 10, 22, 33, 47, 100, 220, 330, 470μF (16V); 0.1, 0.22, 0.33, 0.47, 1.0, 2.2, 3.3, 4.7μF (50V)	**39.95**
5987-ESR-KIT5	Engineering designers	10μF-82μF	30	**6 ea.:** 82μF (ESR 4V±20%), 68μF (ESR 6.3V±20%), 47μF (ESR 8V±20%), 33μF (ESR 12.5V±20%), 10μF (ESR 16V±20%)	**37.50**
5987-ESRD-KIT6	Engineering designers	8.2μF-56μF	30	**6 ea.:** 56μF (ESRD 4V±20%), 47μF (ESRD 6.3V±20%), 33μF (ESRD 8V±20%), 22μF (ESRD 12.5V±20%), 8.2μF (ESRD 16V±20%)	**28.00**
Tantalum Capacitors					
370-540-1	±10%, 6.3V-35V, radial	.1μF-100μF	120	**10 ea.:** .1, .15, .22, .33, .47, .68 (35WVDC); **5 each:** 1.0 (35WVDC), 2.2, 4.7, 10 (25WVDC), 3.3, 4.7, 6.8, 22 (16WVDC), 33 (10WVDC), 15, 47, 100 (6.3WVDC)	**49.95**
Ceramic Disc Capacitors					
370-GP50-1	50V, radial	5pF-.1μF	360	**20 ea.:** 5, 10, 22, 33, 47, 68, 100, 220, 270, 330, 470, 500pF, .001, .002, .005, .01, .05, .1	**29.95**
370-GP500-1	500V, radial	5pF-.02μF	360	**20 ea.:** 5, 10, 22, 33, 47, 68, 82, 100, 220, 270, 330, 470, 500pF, .001, .002, .005, .01, .02	**29.95**
Polyester Film Capacitors					
581-BFKIT	Metallized		245	**20 ea.:** 1000pF, .01μF, .1μF, .22μF, .33μF (63V); 4700pF, .1μF (100V); .01μF (400V) **10 ea.:** .47μF, 1.0μF (63V); .1μF (250V); .047μF (400V); **5 each:** .47μF (100V)	**29.95**
370-140PFK-1	±10%, 100V, radial	.001μF-.47μF	175	**10 ea.:** .001, .0015, .002, .0022, .0033, .005, .01, .015, .02, .022, .033, .047, .05, .068, .1, .15, .22; **5 each:** .47	**23.95**
370-140PFF-1	±2%, 100V, radial	.001μF-.1μF	120	**10 ea.:** .001, .0015, .0022, .0033, .0047, .01, .015, .022, .033, .047, .068, .1	**49.95**
Polyphenylene Sulfide Film Capacitors					
598-FCP-KIT1	SMT PPS film, 50V	100pF-.1μF	204	**12 ea.:** 100, 220, 330,470, 680, 1000, 2200, 3300, 4700, 6800pF; .01, .015, .027, .033, .047, .068, .1μF	**58.00**
Polystyrene Film Capacitors					
370-PS-1	±5%, 50WVDC axial	100pF-820pF	120	**10 ea.:** 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820	**24.95**
370-PS-2	±5%, 50WVDC axial	.001μF-.01μF	120	**10 ea.:** .001, .0012, .0015, .0018, .002, .0022, .0027, .0033, .0039, .005, .0068, .01	**24.95**
Dipped Mica Capacitors					
370-5982-1	±5%	1pF-2000pF	120	**5 ea.:** 1, 2, 3 (300V); 5, 10, 22, 33, 39, 47, 56, 75, 100, 220, 270, 330, 390, 470, 560, 680, 820, 1000, 1200, 1500, 2000 (500V)	**86.25**

Prototype Kits

Features:

- Designed to fill the need of design engineers, prototype, and repair benches, school labs and short-run manufacturing lines
- Color code for each item is listed on legend for easy identification
- Production quantities of all listed components are in stock at Mouser
- All items in our kits are regularly stocked items
- Compare Mouser kits on this page with anyone else's and you will see why quality, price, selection, and convenience point to a Mouser kit for your needs
- Fully assembled and keyed for easy use



COMPONENT KITS

MOUSER STOCK NO.	See Pg.	Type	Range of Values	Pcs. Per Kit	Description	Price Each
Semiconductors / Crystals						
370-333Z-1	--	Zener diodes (500mW)	5.6V-24V	100	**5 each:** of 20 values 5.6V-24V, ±5% (Through-Hole)	**33.95**
370-333-1N1	--	Diode/rectifiers (1A)	50PRV-1000PRV	140	**20 each:** 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, 1N4006, and 1N4007 (Through-Hole)	**29.95**
370-SMD-1	--	Surface mount diode	1A, 50PRV-800PRV	60	**10 each:** 1N4001, 1N4002, 1N4003, 1N4004, 1N4005, and 1N4006 (Surface Mount)	**29.95**
370-331-1	--	1A DIP silicon bridge	50PRV-800PRV	30	**5 each:** 50, 100, 200, 400, 600, and 800PRV (Through-Hole)	**29.95**
370-331-2	--	200PRV silicon bridge	1A-15A	80	**10 each:** 1, 1.5, 2, 3, 4, 6, 10, and 15 (200PRV) (Through-Hole)	**159.95**
370-TRA-1	--	Transistors	- - - - -	180	**10 each:** 2N2222A, 2N2369A, 2N2907, 2N3707, 2N3904, 2N3906, 2N4124, 2N4401, 2N4403, 2N6426, MPSA13, MPSA29, MPSA42, MPSA56, MPSA63, MPSA92, BC337, and BC547	**39.95**
370-511-1	--	Transistors, power, TO-220	- - - - -	90	**5 each:** MJE3055T, MJE13005, MJE13007, TIP29, TIP29C, TIP30, TIP31C, TIP32, TIP32C, TIP41C, TIP42, TIP42C, TIP48, TIP120, TIP121, TIP122, TIP125, and TIP131	**89.99**
370-526-1	--	Semiconductor	- - - - -	155	NTE replacements, 25 different types (replaces 63, 703 devices) **5 each**: NTE102A, NTE121, NTE123A, NTE123AP, NTE130, NTE152, NTE156A, NTE159, NTE177, NTE181, NTE196, NTE198, NTE289A, NTE290A, NTE291, NTE375, NTE506, NTE519, NTE552, NTE558, NTE85; **10 each:** NTE109, NTE125, NTE2302; **20 each:** NTE116	**249.95**
370-526-2	--	Semiconductor	- - - - -	125	NTE replacements, 25 different types (replaces 20, 251 devices) **5 each:** NTE108, NTE117, NTE123, NTE124, NTE137A, NTE153, NTE154, NTE157, NTE171, NTE172A, NTE184, NTE185, NTE194, NTE197, NTE199, NTE261, NTE263, NTE287, NTE289A, NTE292, NTE373, NTE375, NTE552, NTE5812, NTE89	**219.50**
370-LIN-3	--	Linear IC	- - - - -	76	**5 each:** LF347N, LF353N, LF356N, LM311N, LM324N, LM339N, LM358N, LM393N, MC1488P, MC1489P, NE555N, NE556N, ULN2003A, TL074CN, TL084CN. LM833N, MC1458N, UA741CN	**69.95**
370-VRG-1	--	Voltage regulator IC	5V-18V, variable	72	**4 each:** 7805, 7805A, 78M05, 78S05, 7905, 7808, 7908, 7812, 7812A, 78S12, 7912, 7815A, 7915A, 7818, 7918, LM317T, LM337, and LM723	**59.95**
619-BS-APPKIT1	57	**Parallax** BASIC Stamp app	- - - - -	- - -	8-digit LED driver application kit	**24.96**
619-BS-APPKIT2	57	**Parallax** BASIC Stamp app	- - - - -	- - -	DTMF transceiver application kit	**24.96**
619-BS-APPKIT3	57	**Parallax** BASIC Stamp app	- - - - -	- - -	12-bit analog-to-digital converter application kit	**24.96**
619-BS-APPKIT4	57	**Parallax** BASIC Stamp app	- - - - -	- - -	Digital thermometer application kit	**24.96**
619-BS-APPKIT5	57	**Parallax** BASIC Stamp app	- - - - -	- - -	8K serial EEPROM application kit	**24.96**
370-520-1	--	Microprocessor crystals (HC-49/U)	23 types	69	**3 each:** 1.8432, 2.0, 2.4576, 3.2768, 3.579545, 3.6864, 4.0, 4.194304, 4.43361, 4.9152, 5.0, 5.0688, 6.0, 6.5536, 8.0, 10.0, 11.0592, 12.0, 16.0, 18.0, 18.432, 20.0, and 24.0MHz	**89.95**
LEDs						
370-LED-2	--	Light emitting diodes	- - - - -	180	18 types T1, T 1 3/4, rectangle and square, clear and diffused lenses	**33.95**
Wire / Cable / Tubing						
370-CT-1	114	Cable ties	4"-6"	105	**15 each:** 7 different ties	**12.95**
370-CT-2	114	Cable ties	6"-8"	105	**15 each:** 7 different ties	**12.95**
517-5100	95	**3M** Flexible shrink tubing	3/32"-1/2"	133	6" lengths of sizes 3/32"-1/2". Assorted colors include black, red, white, yellow, blue, green, and clear	**55.58**
517-5200	95	**3M** Flexible shrink tubing	3/16"-1"	102	6" lengths of sizes 3/16"-1" in black	**55.58**
517-5300	95	**3M** Adhesive-lined tubing	1/2", 3/4", 1"	42	EPS-300 adhesive-lined polyolefin heat shrinkable tubing in red and black	**104.17**
524-12-1080	96	PVC heat shrink tubing	- - - - -	23	Assorted 6" lengths of black PVC heat shrinkable tubing	**3.71**
524-12-1082	96	PVC heat shrink tubing	- - - - -	19	Assorted 6" lengths of clear PVC heat shrinkable tubing	**3.71**
602-FIT-KIT-1	97	**Alpha** FIT® shrink tubing	- - - - -	- - -	Vinyl: 9 sizes: 3/64"-3/4", 18: 6" pieces; Polyolefin: 9 sizes: 3/64"-3/4", 19: 6" pieces; Semi-rigid polyolefin 8 sizes: 3/64"-1/2", 12: 6" pieces; Surface irradiated polyolefin: 5 sizes: 1/8"-1/2", 10: 6" pieces; Kynar: 7 sizes: 3/64"-3/8", 14: 6" pieces; Crimps: 22AWG and 10AWG, 3 pieces; Boots: 6 pieces	**80.00**
602-FIT-KIT-2	97	**Alpha** FIT® shrink tubing	- - - - -	- - -	Includes all items in kit 602-FIT-KIT-1 (above), plus the following: Adhesive-lined polyolefin: 2 sizes: 1/4" and 1/2", 16: 6" pieces and 24:1" pieces; FEP Teflon: 6 sizes: 12AWG-24AWG, 22: 6" pieces; TFE Teflon: 5 sizes:18AWG-26AWG, 17: 6" pieces; Neoprene: 5 sizes:1/4"-1": 8: 6" pieces; Cable sleeves: 2 sizes: 21 and 22, 2: 6"pieces; Adhesive cable sleeves: 3/8": 10: 1" pieces	**107.20**
602-FIT-KIT-7	97	**Alpha** FIT® shrink tubing	- - - - -	- - -	Vinyl: 7 sizes: 1/6"-1/2", 14: 6" pieces; FEP Teflon: 7 sizes: 24-12, 14: 6" pieces; 2 to 1 Polyolefin: 7 sizes: 1/16"-1/2", 28: 6" pieces; Adhesive wall polyolefin: 5 sizes: 1/4"-1", 10: 6" pieces; Ground lead polyolefin: 3 sizes: 1/8"-1/2", 6: 6" pieces; Surface irradiated polyolefin: 4 sizes: 1/2"-3/8", 8: 6" pieces; 3 to 1 Polyolefin: 3 sizes: 1/8"-1/2", 6: 6" pcs.; Kynar: 7 sizes: 3/64"-1/2", 14: 6" pcs.; Shrink nylon crimps: 3 sizes: 1-3, 12 pcs.	**123.20**
602-HU-KIT-20	98	**Alpha** Hook-up wire	22AWG	- - -	100 ft. spools of stranded 22AWG wire includes cut and strip tool. Colors: white, black, red, green, blue	**49.88**
602-HU-KIT-40	98	**Alpha** Hook-up wire	24AWG	- - -	100 ft. spools of stranded 22AWG wire includes cut and strip tool. Colors: white, black, red, green, blue	**49.88**
Connectors / Sockets / Jacks / Plugs						
370-164-1	125	Binding post	- - - - -	40	**10 each:** red and black; **5 each:** blue, green, white, and yellow	**49.95**
370-161-1	- - -	Phone plug and jack		40	**5 each** of 3.5mm jacks: 161-3504, 161-3200, 161-3300, 16PJ528, 161-3502 **5 each** of 3.5mm plugs: 171-3200, 17PP004, 171-3301	**39.95**
370-161-2	- - -	Phone plug and jack	- - - - -	40	**5 each** of 2.5mm jacks: 161-2501, 16PJ090, 16PJ100, 16PJ128, and 161-3308 **5 each** of 2.5mm plugs: 171-3304, 171-3305, 171-3306	**39.95**
538-KK-100	168	**Molex** Modular interconn	.100"	82	Designer/service kit for .100" center, includes: K.K. series modular connectors, crimp tool, extraction tool	**39.95**
538-KK-156	168	**Molex** Modular interconn	.156"	96	Designer/service kit for .156" center, includes: K.K. series modular connectors, crimp tool, extraction tool	**39.95**
538-WM-50	169	**Molex** Modular interconn	.093"	45	Designer/service kit for .093" center, includes: connectors, crimp tool, extraction tool, and storage case	**51.50**
538-WM-72	169	**Molex** Modular interconn	.062"	56	Designer/service kit for .062" center, includes: connectors, crimp tool, extraction tool, and storage case	**54.50**
534-4732	192	**Keystone** TO-3 transis mnt.	- - - - -	4	2 #6-20 screws, 1 mica insulator, 1 Stock No. 534-4602 transistor socket	**1.59**
534-4734	192	**Keystone** TO-3 transis mnt.	- - - - -	8	2 #6-20 screws, 1 mica insulator, 4 nylon bushings, 1 Stock No. 534-4606 transistor socket	**1.74**
534-4736	192	**Keystone** TO-66 trans mnt.	- - - - -	4	2 #6-20 screws, 1 mica insulator, 1 Stock No. 534-4612 transistor socket	**2.05**
534-4738	192	**Keystone** TO-66 trans mnt.	- - - - -	8	2 #6-20, 1 mica insulator, 4 nylon bushings, 1 Stock No. 534-4615 transistor socket	**2.05**
534-4616	192	**Keystone** Transistor mount	- - - - -		Nylon power transistor mount only for TO-3	**.17**
534-4725	192	**Keystone** TO-3 trans mount	- - - - -	12	**1 ea.:** mica insulator, solder terminal; **2 ea.:** #6-32 screws, shoulder washers, metal washers, lockwashers, #6-32 nuts **(description for both 534-4725 and 534-4726)**	**1.06**
534-4726	192	**Keystone** TO-66 trans mnt.		12		**1.06**
534-4729	192	**Keystone** Transistor mount	- - - - -	5	For DO-4, TO-59, TO-60, TO-62; **1 each:** mica insulator, shoulder washer, solder terminal, lockwasher, #10-32 nut	**1.06**
534-4730	192	**Keystone** Transistor mount	- - - - -	5	For DO-5, TO-48, TO-61; **1 ea.:** mica insulator, shoulder washer, solder terminal, lockwasher, 1/4-28 nut	**1.06**
534-4724	192	**Keystone**TO-220 trans mnt.	- - - - -	5	**1 each:** #4-40 screw, mica insulator, shoulder washer, lockwasher, #4-40 nut	**1.06**
517-DBY-6	156	**3M** Direct burial splice	- - - - -	2	Wire AWG combinations: 2 /318, 2 #12; 600V; two splices per kit	**2.70**
517-DBY	156	**3M** Direct burial splice	- - - - -	2	Wire AWG combinations: 2 /318, 2 #12; 30V; two splices per kit	**1.97**
517-DBR-6	156	**3M** Direct burial splice	- - - - -	2	Wire AWG combinations: 7 #18, 4 #12, 3 #10; 600V; two splices per kit	**2.79**
370-159-1	209	Solderless connectors	- - - - -	180	**10 each:** #6 16-22 red ring, #8 14-16 blue ring, #10 16-22 red ring, #6 16-22 red spade, #8 14-16 blue	**14.95**

Prototype Kits

COMPONENT KITS

MOUSER STOCK NO.	See Pg.	Type	Range of Values	Pcs. per Kit	Description	Price Each
370-159-1	209	Solderless connectors	- - - - -	180	**10 each:** of terminals listed below	**14.95**
370-159-1C	209	Solderless connectors	- - - - -	1800	**100 each:** spade, #10 16-22 red spade, #6 16-22 red flanged spade, #8 14-16 blue flanged spade, #10 16-22 red flanged spade, 1/4" 16-22 red nylon male coupler, 1/4" 16-22 red nylon female coupler, 1/4" 14-16 blue nylon female flag disconnect, 1/4" 14-16 blue male disconnect, 1/4" 14-16 blue female disconnect, .156" 16-22 red female bullet, .156" 16-22 red male bullet, 16-22 red butt connector, 14-16 blue butt connector #6 16-22 red ring, #8 14-16 blue ring, #10 16-22 red ring, #6 16-22 red spade, #8 14-16 blue spade, #10 16-22 red spade, #6 16-22 red flanged spade, #8 14-16 blue flanged spade, #10 16-22 red flanged spade, 1/4" 16-22 red nylon male coupler, 1/4" 16-22 red nylon female coupler, 1/4" 14-16 blue nylon female flag disconnect, 1/4" 14-16 blue male disconnect, 1/4" 14-16 blue female disconnect, .156" 16-22 red female bullet, .156" 16-22 red male bullet, 16-22 red butt connector, 14-16 blue butt connectors	**129.95**
370-159-2	207	Solderless connectors	- - - - -	180	18 types of connectors and disconnects, non-insulated	**14.95**
Varistors / Thermistors						
370-MOV-1	211	Metal oxide varistor kit	48V-510V	25	**3 each:** VZA series: 48, 130, and 150; VZC series: 130 and 150; **2 each:** VZC series: 250; VZD series: 130, 150, 275, and 510	**32.95**
370-NTC-T2	212	NTC thermistors	100Ω-50KΩ	60	**5 each:** 100, 200, 300, 500, 1K, 2K, 3K, 5K, 10K, 15K, 20K, and 50K @ 25°C	**29.95**
Trimmer Potentiometers						
370-T70XX-KIT	232	**Vishay/Dale** 1/4" single-turn	100Ω - 1MΩ	80	**10 each:** 1K, 5K, 10K; 5 each: 100, 200, 500, 2K, 25K, 50K, 100K, 200K, 500K, 1M	**64.95**
370-T70XW-KIT	232	**Vishay/Dale** 1/4" single-turn	100Ω - 1MΩ	80	**10 each:** 1K, 5K, 10K; 5 each: 100, 200, 500, 2K, 25K, 50K, 100K, 200K, 500K, 1M	**64.95**
370-T70YP-KIT	232	**Vishay/Dale** 1/4" single-turn	100Ω - 1MΩ	80	**10 each:** 1K, 5K, 10K; 5 each: 100, 200, 500, 2K, 25K, 50K, 100K, 200K, 500K, 1M	**64.95**
370-T20XX-KIT	232	**Vishay/Dale** 3/8" single-turn	50Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 50, 100, 200, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**59.95**
370-T20XW-KIT	232	**Vishay/Dale** 3/8" single-turn	50Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 50, 100, 200, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**59.95**
370-T20YP-KIT	232	**Vishay/Dale** 3/8" single-turn	50Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 50, 100, 200, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**59.95**
370-T93XA-KIT	234	**Vishay/Dale** 3/8" multi-turn	10Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 10, 50, 100, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**99.95**
370-T93XB-KIT	234	**Vishay/Dale** 3/8" multi-turn	10Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 10, 50, 100, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**99.95**
370-T93YA-KIT	234	**Vishay/Dale** 3/8" multi-turn	10Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 10, 50, 100, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**99.95**
370-T93YB-KIT	234	**Vishay/Dale** 3/8" multi-turn	10Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 10, 50, 100, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**99.95**
370-T93Z-KIT	234	**Vishay/Dale** 3/8" multi-turn	10Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 10, 50, 100, 500, 2K, 20K, 50K, 100K, 200K, 500K, 1M, 2M	**99.95**
370-T18-KIT	234	**Vishay/Dale** 3/4" multi-turn	100Ω - 2MΩ	90	**10 each:** 1K, 5K, 10K; 5 each: 100, 200, 500, 2K, 20K, 25K, 50K, 100K, 200K, 500K, 1M, 2M	**99.95**
370-PT10	239	10mm	500Ω-500KΩ	180	**10 each:** 500, 1K, 5K, 10K, 25K, 50K, 100K, 250K, and 500K in both horizontal and vertical mount	**69.95**
370-TPVH-1	--	8mm	1KΩ - 500KΩ	120	**10 each:** 1K, 5K, 10K, 50K, 100K, 500K in both horizontal and vertical mount	**39.95**
Inductors						
623-019911	293	Bead, balun, and brdband	- - - - -	228	Assortment of 34 parts consisting of small shield beads, beads on leads, and multi-aperture cores	**79.20**
623-019905	293	**Fair-Rite** Cable & conn EMI	- - - - -	60	Selection of large shield beads, one and two piece cable suppressor cores and plates for connectors	**79.20**
623-019910	293	Bead-on-lead EMI supp	- - - - -	156	24 wired beads in three basic design geometries in three suppressor materials: 73, 43, 61	**79.20**
623-019914	293	**Fair-Rite** Surface mnt. bead	- - - - -	144	12 surface mount beads in 5 geometries for use in differential and common mode applications	**50.00**
623-019918	293	**Fair-Rite** Chip bead	- - - - -	400	20 different chip bead parts in 4 different EIA standard package sizes; low, medium, and high current	**63.36**
370-RFC-1	299	RF choke (43LR Series)	.22μH-1000μH	180	**10 each:** .22, .47, 1.0, 2.2, 3.3, 4.7, 10, 15, 22, 33, 47, 68, 100, 220, 330, 470, 680, and 1000μH	**49.95**
370-MICC	299	Epoxy miniature choke coils	.15μH-1000μH	240	**10 each:** .15, .22, .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 15, 22, 33, 47, 68, 100, 150, 220, 330, 470, 680, and 1000μH	**89.95**
370-SMCC	299	Epoxy small choke coils	.33μH-1000μH	240	**10 each:** .33, .47, .68, 1.0, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 12, 15, 18, 22, 27, 33, 47, 100, 150, 220, 330, 470, 680, and 1000μH	**89.95**
Fuses						
370-44FM-1	--	Metric fuse kit	.5A-10A	60	**10 each:** .5, 1, 2, 3, 5 and 10A	**12.95**
370-44FP-1	--	Standard fast acting fuses	1/4A-5A	180	**30 each:** .25, .50, 1.0, 2.0, 3.0, and 5.0A (250V)	**23.95**
Cabinet and Rack Hardware						
563-BAS-5106	401	**BUD** Slide mounting bracket	- - - - -	- - -	Allows slides to be mounted to panel mounting surface or accessory flange of panel mounting rails	**30.20**
563-RL-7770	402	**BUD** Levelers kit	- - - - -	- - -	Consists of tow levelers and mounting brackets, use with economizer	**40.00**
Hardware						
561-M1991	398	**Eagle** Transistor hardware, nylon	- - - - -	180	**20 each:** capacitor mounts - 561-F001, 561-F002, 561-F003; assortment of 14styles and configurations of standard and heavy duty power transistor mounts for TO-3 and TO-66	**28.33**
561-M1992	398	**Eagle** Spacers/standoffs, nylon	- - - - -	290	**30 each:** hex spacers - tapped 440, 632, 832 diameter ,1/4" to 1" long; **35 each:** round spacers - tapped 440, 632, 832, 1032, 1/4-20, 1/4", 5/16", 3/8", 1/" diameter, 1/4" to 1" long; **45 each:** hex male/female standoffs - threaded 440, 632, 832 diameter, 1/4" to 1" long; **80 each:** hex spacers - plain 1/4" to 1" long; **100 each:** round spacers - plain 3/16", 1/4", 3/8", 1/2" diameters, 1/8" to 1" long	**46.66**
561-M1993	398	**Eagle** Shoulder washers, nylon	- - - - -	320	**10 each:** 5/16 screw insulators; **25 each:** #6, #8, #10, 1/4 screw insulators; **30 each:** #2, #4 screw insulators; **150 each:** shoulder washers .093 to 1/4" ID .125 to .500 OD	**28.33**
561-M1994	398	**Eagle** PCB posts, nylon	- - - - -	735	**40 each:** 561-A0750; **50 each:** 561-A0625; **60 each:** 561-A0500; **65 each:** 561-A1000; **70 each:** 561-A0437; **80 each:** 561-A0375; **95 each:** 561-A0312; **100 each:** 561-A0125, 561-A0250	**46.66**
561-M1995	398	**Eagle** Cable clips, nylon	- - - - -	140	Adhesive backed clips - **4 each:** 1/2" single, 1/2" double; **6 each:** 3/8" single, 3/8" double; **10 each:** 1/4" single, 1/4" double; **12 each:** 1/8" single, 1/8" double; Heavy duty clips - **6 each:** 1/2"; **12 each:** 1/8", 3/16", 1/4", 5/16", 3/8", 7/16"	**28.33**
561-M1996	398	**Eagle** Cable clamps, nylon	- - - - -	300	**3 each:** 1 1/4" x 1/2", 1 1/2" x 1/2"; **5 each:** 1" x 1/2"; **10each:** 1/2" x 1/2", 9/16" x 1/2", 5/8" x 1/2", 3/4" x 1/2"; **15 each:** 5/16" x 1/2", 3/8" x 1/2", 7/16" x 1/2"; **20 each:** 5/16" x 3/8", 3/8" x 3/8", 7/16" x 3/8", 1/2" x 3/8"; **25 each:** 3/16" x 1/2", 1/4" x 1/2", 1/4" x 3/8"; **40 each:** 1/8" x 1/8"	**46.66**
561-M1997	398	**Eagle** Flat washers, nylon	- - - - -	510	**20 each:** 1/2"; **40 each:** 3/8"; **50 each:** #2; **60 each:** #4, #6, #8, #10, 1/4"; **100 each:** 9/16" to 3/4"	**28.33**
561-M1998	398	**Eagle** Screws and nuts, nylon	- - - - -	755	**100 each:** 440 x 1/4" to 1" long assorted headstyles; 623 x 1/4" to 5/8" long assorted headstyles; 832 x 1/4" to 3/4" long assorted headstyles; 1032 x 1/4" to 1/2" long assorted headstyles; 440, 632, 832, 1032, 1/4-20 socket set screws; 440, 632, 832, 1032, 1/4-20 hex nuts; **30 each:** 1/4-20 x 1/4" to 3/4" long round and fillister head; **125 each:** #4, #6, #8, #10, 1/4 flat washers	**46.66**
561-M1999	398	**Eagle** Strain relief	- - - - -	108	**2 each:** 561-MP7W2, 561-30-1; **4 each:** 561-MP6N4; **6 each:** 561-MP6P34; **8 each:** 561-MP14L1, MP15L1; **10 each:** 561-MP4K4, 561-MP4N4, 561-MP5P4; **12 each:** 561-MP6W1; **16 each:** 561-MP3P4; **20 each:** 561-MP2M4	**28.33**
524-11-528	400	Metric hardware	2mm-4mm	460	240 nickel-plated steel machine screws, 100 nickel-plated steel nuts, 60 nickel-plated steel spring lock washers, 60 steel E-rings	**44.24**
517-923351R	442	**3M** Color coded wire jumper	22AWG	350	25 pieces of 14 lengths 22AWG solid, tinned copper, PVC insulated	**20.18**

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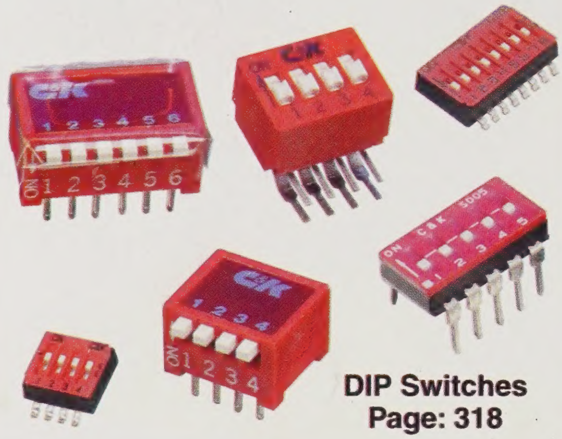

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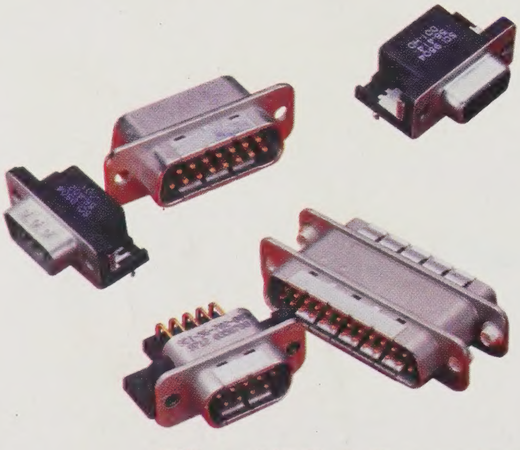

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